SAMSUNG

OMNIA® II

PORTABLE Dual-Mode

SMARTPHONE

Windows Mobile 6.5 Professional
User Manual
Please read this manual before operating your phone, and keep it for future reference.

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the “Phone System”), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Samsung Telecommunications America (STA), LLC

Headquarters:	Customer Care Center:
1301 E. Lookout Drive	1000 Klein Rd.
Richardson, TX 75082	Plano, TX 75074
Toll Free Tel:	1.888.987.HELP (4357)

Internet Address: http://www.samsungusa.com

©2009 Samsung Telecommunications America, LLC is a registered trademark of Samsung Electronics America, Inc. and its related entities.

Do you have questions about your Samsung Mobile Phone?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsungtelecom.com/support

VZW_SCH-I920_OmniaII_English_UM_CJ10D_TE_102209_F11

GH46-00985A

Licensed by Qualcomm Incorporated under one or more of the following patents: U.S. Patent No. 4, 901, 307; 5, 056, 109; 5, 099, 204; 5, 101, 501; 5, 103, 459; 5, 107, 225; 5, 109, 390.

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437; U.S. Pat. 5,953,541; U.S. Pat. 6,011,554 and other patents pending.

The Bluetooth® word mark, figure mark (stylized “B Design”), and combination mark (Bluetooth word mark and “B Design”) are registered trademarks and are wholly owned by the Bluetooth SIG.

microSD™ and the microSD logo are Trademarks of the SD Card Association.

Swype and the Swype logos are trademarks of Swype, Inc.© 2009 Swype, Inc. All rights reserved.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc., Pat. 7,295,673. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video. ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX section in the General Settings menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

SRS CS Headphone™, SRS WOW HD™, SRS and the symbol are trademarks of SRS Labs, Inc. CS Headphone and WOW HD technologies are incorporated under license from SRS Labs, Inc.

Open Source Software

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit:

http://www.samsungnetwork.com/Home/opensource.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Table of Contents

Section 1: Getting Started 4
- Understanding this User Manual 4
- Notes and Tips 4
- Activating Your Phone 4
- Remove and Replace the Rear Cover 5
- Attach a Strap 5
- Battery 6
- Powering the Phone On and Off 9
- Turning the Phone Feature On and Off 9
- Sounds and Ringtones 9
- Voice Mail 11
- Visual Voice Mail 12
- microSD Memory Card (Optional) 13
- Rebooting your Phone 15
- Resetting Phone Settings 15

Section 2: Understanding Your Phone 16
- Features of Your Phone 16
- Front View of Your Phone 17
- Side View of Your Phone 18
- Rear View of Your Phone 19
- Home Screen 20
- Notification Bar Icons 22
- Cube 23

Section 3: Displays 24
- Home Screen 24
- Widgets and the Widget Bar 26
- Main Menus 32
- Cube 40

Section 4: Navigation 41
- Navigation Keys 41
- Touch Screen Navigation 42

Section 5: Call Functions 43
- Making a Call 43
- Answering a Call 45
- Call Logs 46
- Call Forwarding 48
- Three-way Calling 49
- Voice Recognition 49
- Roaming 50
- TTY Mode 51

Section 6: Entering Text 52
- Virtual QWERTY keyboards 52
- Text Input Methods 52
- Changing the Text Input Method 52

Section 7: My Contacts 57
- Adding a New Contact 57
- Finding a Contact 59
- Editing a Contact 60

Deleting a Contact 60
Making a Call from My Contacts 61
Sending a Contact via vCard 61
Sending Contact(s) via Bluetooth 61
Categories 62
Speed dial 62
Favorites 63
Section 8: Messaging Applications 64
Types of Messages 64
Creating and Sending Messages 64
Message Folders 69
Viewing Messages 70
Quick Text 72
E-mail 73
Mobile Email 75
Mobile IM 75
Section 9: Multimedia and Music Applications 76
Media Player 76
V CAST Music with Rhapsody 82
V CAST Song ID 84
VZW Tones 84
V CAST Videos 85
Streaming Player 86
VZ Navigator 86
FM Radio 87
Connected Home 88
Video Editor 89
Section 10: Document Applications 91
Office Mobile 91
Section 11: Personal Information Applications 95
Smart Search 95
My Calendar 96
Tasks 98
Task Switcher 101
Memo 102
Voice Recorder 104
Clock and Alarm 105
Calculator 106
Unit Converter 107
MS File Explorer 107
My Files 108
City ID 108
WeatherBug 109
ActiveSync 109
Windows Mobile Device Center for Windows Vista 112
Games 113
Section 12: Photo and Image Applications 114
Camera 114
My Pictures 118
Camcorder 120
Digital Frame 122
Smart Reader 123
Section 13: Web Applications 124

BingTM 124
Opera Browser 125
Internet Explorer 126
RSS Reader 127
Podcast 128
Communities 128
Facebook 129
Section 14: Bluetooth and Wi-Fi Services 130
Wireless Manager 130
Bluetooth Wireless Technology 131
About Wi-Fi 137
Section 15: Changing Your Settings 139
Basic Settings 139
Advanced Settings 144
Section 16: Health and Safety Information 146
Health and Safety Information 146
Samsung Mobile Products and Recycling 147
UL Certified Travel Adapter 148
Consumer Information on Wireless Phones 148
Road Safety 154
Responsible Listening 155
Operating Environment 157
Using Your Phone Near Other Electronic Devices 157
FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices 158
Potentially Explosive Environments 159
Emergency Calls 160
FCC Notice and Cautions 161
Other Important Safety Information 161
Product Performance 161
Availability of Various Features/Ring Tones 162
Battery Standby and Talk Time 163
Battery Precautions 163
Care and Maintenance 164
Section 17: Warranty Information 166
Standard Limited Warranty 166
Index 170

Section 1: Getting Started

This section helps you to start using your phone by activating your service, inserting and charging the battery, inserting an optional memory card, and setting up your voicemail.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 170.

Also included in this manual is important safety information that you should know before using your phone. You can find this information beginning on page 146.

Notes and Tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these are as follows:

- **Notes**: Additional information about the current feature, menu, or sub-menu.
- **Tips**: Quick or innovative methods for performing functions related to the subject at hand.
- **Important!**: Points out important information that could affect performance, or even damage your phone.

Activating Your Phone

If you purchased your phone at a Verizon Wireless store, it is probably activated and ready to use. If you have upgraded your phone or received a new phone by mail, it probably needs to be activated before you can use it.

To activate your phone, follow these steps:

1. Visit a Verizon Wireless store to activate your phone, or visit www.verizonwireless.com, and enter your User ID and password in the **My Verizon** ➔ **Manage Your Account** option available on the home page.
2. When you have accessed the My Account Overview page, select **Activate a new phone** to display instructions needed to activate your phone online.

After gathering the required materials, follow the instructions to complete the activation process.

Displaying Your Phone Number

▶ Press the **Main Menu** key ➔ **Settings** ➔ **Basic Settings** tab ➔ **Phone Settings** ➔ **My Phone Number**.

Remove and Replace the Rear Cover

Your Omnia II has a removable rear cover, which covers the battery, microSD card slot and a slot for attaching a strap.

Remove the Cover

▶ Remove the cover by pulling up using the slot provided, while lifting the cover up and off the phone.

Warning!: Take care when removing the battery cover with a fingernail, to prevent breaking your fingernail.

Replace the Cover

▶ Align the cover and press it firmly into place, being sure it snaps into place at the corners.

Attach a Strap

You can attach an optional strap (not included) to your Omnia II.

1. Remove the rear cover as shown at left.

2. Slide the loop of the strap or lanyard into the slot and over the tab to secure it.
3. Snap the cover into place.

Battery

Your Omnia II is powered by a rechargeable standard Li-Ion battery, and comes with a wall charger for charging.

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

Warning!: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Installing the Battery

1. Remove the rear cover (see *"Remove and Replace the Rear Cover"* on page 5.)
2. Insert the top end of the battery into the phone, aligning the gold contacts on the battery with the phone's contacts.

3. Snap the rear cover back into place.

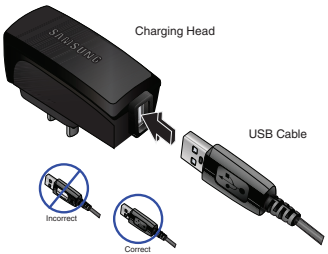
Removing the Battery

1. Remove the rear cover (see *"Remove and Replace the Rear Cover"* on page 5.)
2. Lift the battery up and out of the phone.
3. Snap the rear cover back into place.

Charging the Battery

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

1. Connect the USB cable to the Charging Head.



2. Insert the USB cable into the phone's power/accessory port.

3. Plug the Wall/USB charger into a standard AC power outlet. When the phone is completely charged (the indicator light turns green), unplug the charger from the power outlet. Remove the USB cable from the phone.

Warning!: Please use only an approved charging accessory to charge your phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

Battery Capacity

Your Omnia II is powered by a rechargeable standard Li-ion battery. There is also an internal backup battery that saves all phone settings if the regular battery is discharged. The internal battery maintains data for approximately four hours. This internal backup battery needs an initial charge of 24 hours.

Perform ActiveSync operations or use a backup utility frequently to avoid losing any information in case the battery is fully discharged. For more information see *"ActiveSync"* on page 109.

Note: Long backlight settings, simultaneous use of Wi-Fi and Bluetooth, searching for service, vibrate mode and browser use affect the battery's talk and standby times.

For more information about Battery and External power settings, see *"General Settings"* on page 140.

Battery Indicator

The battery indicator in the upper-right corner of the display indicates battery charge level. Four bars indicate a full charge, while an empty icon indicates an almost-empty battery. Two to three minutes before the battery becomes too low to operate, a blinking empty battery icon appears and a tone sounds. If you continue to operate the phone without charging, it will shut down.

Checking Battery Charge

Keeping track of the battery's charge is important. If the battery level becomes too low, your phone automatically shuts down and you could lose important data.

▶ To quickly check your battery charge level, tap the **Battery** indicator on the Title Bar, then tap the **Charging** icon to display the **Battery Power** settings.

Use of Non-Supported Battery or Accessories

Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Samsung handsets do not support the use of a non-supported battery. When using a non-supported battery, you will hear a series of beeps and you will see a warning message that indicates "**NON-SUPPORTED BATTERY. SEE USER MANUAL.**" If you receive this warning, battery charging has been disabled.

Samsung charging accessories (i.e. wall charger, and cigarette lighter adapter) will only charge a Samsung approved battery.

Important!: When using a non-supported battery the handset can only be used for the duration of the life of the battery and cannot be recharged.

Powering the Phone On and Off

1. Press and hold the **End/Power** key .
2. When powering **On**, the phone receives a signal from your home network and then logs in. At this point, the phone displays the **home screen** (page 24) and only functions as a PDA (allowing you to run applications) until you activate the phone features.
3. When powering **Off**, the message “Shutdown the device?” displays. Tap **Yes** to power off the phone.

Turning the Phone Feature On and Off

Before you can use your Omnia II™ phone features, the onboard phone must first be activated. To turn the phone on or off:

▶ Tap the **Signal** icon on the **Annunciator line** → **Wireless Manager** , → **Phone**.

Sounds and Ringtones

When starting to use your phone, it’s helpful to set the sounds and tones your phone will use to alert you to its status, and to notify you of incoming calls and messages.

For information on setting all Sound Settings, see *“Sound Settings”* on page 139.

Tip: You can easily access System Volume and Ring Volume, Wireless Manager, and Power Settings by tapping in the Annunciator Line.

Sound Profiles

Sound Profile provides an easy way to quickly set the sounds for your phone.

1. From the **Widget Bar**, tap the **Sound Profile** widget to move it to the **home screen**.
2. On the **Sound Profile** widget, choose from:
   - **Vibrate**: The phone vibrates, but plays no tones.
   - **Volume On**: The phone plays all selected tones.
   - **Volume Off**: No tones are played.

Ringtones and Call Alerts

Your Omnia II contains a number of standard ringtones, or you may choose to purchase and download special ringtones using VZW Tones. For more information, refer to *"VZW Tones"* on page 84.

You may also set your phone to notify you by vibrating.

1. Press the **Main Menu** key ➔ then **Settings** ➔ **Basic Settings** tab ➔ **Sound Settings** ➔ **Ring**.
2. Tap the **Call alert type** field, then tap an alert from the drop-down list. A sample of the alert will play. Tap the left soft key **Done** to save your selection.
3. Tap the **Ringtone** field, then tap a tone from the drop-down list. A sample of the tone will play. Tap the left soft key **Done** to save your selection.
4. Tap the **Vibration type** field, then tap a pattern from the drop-down list. A sample of the tone will play. Tap the left soft key **Done** to save your selection.
5. Tap the left soft key **Done** to save your selections.

Airplane Mode

Airplane Mode turns off all radio communications for your Omnia II (phone, FM Radio, Bluetooth, Wi-Fi, and Data connections), but allows you to use your phone's other features. When your phone is in Airplane Mode, it cannot send or receive calls or messages, or access online information.

▶ Tap the **Signal** icon on the **Annunciator line** ➔ **Wireless Manager** ➔ **Airplane Mode**.

Set Volume

▶ Press the **Volume** key on the side of the phone.

Tap the **System Volume** tab to set the volume for alerts, key tones and other system sounds. Tap the **Ring Volume** tab to set the ringer volume.

Tap the icon in the center of the ring to toggle between these settings:

Sound Profile: Tap the number on the ring to set the volume level.

Vibration: Tap the number on the ring to set the vibration pattern.

No Sound: No sounds will be played.

Voice Mail

Setting Up Your Voice Mail

All unanswered calls to your phone are sent to voice mail, even if your device is turned off. Therefore, you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

▶ Press the **Send** key to launch the **Dialer**, then tap * 8 tuv 6 mno and follow the automated instructions to set up your voice mail.

Checking Voicemail

▶ Press the **Send** key to launch the **Dialer**, then touch and hold 1 to connect to **Voice mail**. Follow the automated instructions to access your voice mail.

Visual Voice Mail

Visual Voice Mail allows you to manage voice mail directly from the device, without having to dial voice mail, listen to voice instructions, or listen to prior messages.

You must set up your Voice Mail before using Visual Voice Mail. For more information, refer to *"Setting Up Your Voice Mail"* on page 11.

Note: Extra service charges may apply when using Visual Voice Mail service. Contact Verizon Wireless for more information.

---

1. Tap the **Visual Voice Mail** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **Visual Voice Mail** .

2. Follow the prompts to **Accept** the terms and conditions.
3. When prompted, enter the voice mail password that you established during voice mail set up.
4. Continue to follow the prompts and instructions to complete the activation of Visual Voice Mail. When activation is complete, exit the application and return after about 5 minutes to begin using Visual Voice Mail.

Note: Visual Voice Mail may store voicemail messages in electronic form on the device. Anyone in possession of the device can access the voicemail. To limit unauthorized access to the voicemail, consider using **Password Lock** to lock the phone when not in use.

For more information about setting a **Password Lock**, For more information, refer to *"Security Settings"* on page 143.

---

microSD Memory Card (Optional)

Your phone supports the use of microSD™ or microSDHC™ memory cards of up to 16GB capacity. These memory cards are specifically designed for mobile phones and other ultra-small devices, and are ideal for storing media-rich files such as music, programs, videos, and photographs for use with your phone.

Note: Use only compatible memory cards with your phone. Using incompatible memory cards may damage the card and data stored on the card, as well as the phone.

Installing the microSD Memory Card

The memory card slot is located on the side of the phone, under the battery cover.

1. Remove the rear cover (see *"Remove and Replace the Rear Cover"* on page 5.).
2. Locate the memory card slot and orient the microSD card so the contact pins are facing up (see illustration).
3. Carefully insert the microSD memory card into the opening and firmly push it in until you hear a click that indicates the card is securely installed. The card is secure when it is not protruding from the slot within the phone.
4. Snap the rear cover back into place.

Removing the microSD Memory Card

1. Remove the rear cover (see *"Remove and Replace the Rear Cover"* on page 5.)
2. Firmly push in the microSD memory card, then release so that it pops out from the slot.
3. Carefully pull the card out of the slot.
4. Snap the rear cover back into place.

Formatting the microSD Memory Card

You can format your microSD memory card to delete all data stored on the card.

Note: Repeated formatting may shorten the life of the memory card.

---

1. Press the **Main Menu** key ➔ **Settings** ➔ **Basic Settings** tab ➔ **Memory Settings** ➔ **Storage Card**.
2. Tap the **Format** button to format your microSD card.
3. At the **Format** prompt, tap **Yes**. The card will be formatted, and the display will return to the Storage Card settings.

Transferring Files to the microSD card from a PC

1. Insert the microSD card into the card slot of your Omnia II. For information on inserting the microSD card, see *"Installing the microSD Memory Card"* on page 13.
2. Synchronize your Omnia II with your PC via ActiveSync.
3. Open Windows Explorer on your PC, then highlight the application or folder that you wish to transfer to the microSD card.
4. Highlight and copy the file(s) or folder(s) to your computer's clipboard.
5. Using the ActiveSync menu, click the Explore icon to open the Mobile Device folder.
6. Double-click on the My Windows Mobile-Based Device folder.
7. Double-click the Storage Card folder to open. Any contents of the microSD card appear in the display.
8. Locate the folder or sub folder on the microSD card where you wish to paste the files that you've copied.
9. Paste the files or folders on your computer's clipboard onto the microSD card.

Using the microSD card

Once you've transferred files from your computer to the microSD card using ActiveSync, you can access the files that have been transferred to your microSD card.

For example, if you've transferred any multimedia files onto your microSD card that are compatible with Media Player, simply open Media Player and use the Search feature to find the media files you wish to play.

Rebooting your Phone

The **Reboot** button allows you to quickly reboot the phone in the event of a program or application error.

Note: This action is similar to that of a reboot action on your computer, which only restarts the machine while maintaining all data intact.

1. Remove the rear cover (see *"Remove and Replace the Rear Cover"* on page 5.)
2. Locate the recessed **Reboot** button located on the left side of the phone, adjacent to the **OK** key.
3. Carefully insert the stylus into the recessed Reboot button. After depressing the button, the phone will reboot.
4. Snap the rear cover back into place.

Resetting Phone Settings

Note: To completely remove any personal information stored on your device, see *"Precautions for Transfer and Disposal"* on page 169.

Resetting your phone resets your phone to its factory default settings, ends all applications currently running, and erases all data (pictures/video/contacts) from your phone.

Note: You can save important files by storing them on a removable microSD memory card (not included).

1. Press the **Main Menu** key → **Settings** → **Basic Settings** tab → **Memory Settings** → **Clear All Data**.
2. At the **Clear all data** prompt, tap **Yes**.
3. Enter the **Device Lock Code**, then tap **Done** to proceed. Your phone will reset to the factory settings and reboot. After the phone reboots, you will need to align the screen and set your local time. Follow the on-screen prompts when directed.

Note: During the reset process, you will be prompted to enter your Device Lock Code. The default Device Lock Code is the last four digits of the phone number.

Section 2: Understanding Your Phone

Congratulations on your purchase of the Samsung Omnia II.

This section outlines many key features of your phone. It also describes your display, frequently used keys, and how to install and charge your battery.

Features of Your Phone

- 16M color 3.7” 480x800 AMOLED (Active Matrix Organic LED) Touch Screen with virtual QWERTY keyboard
- 512MB ROM/208MB RAM and 8GB internal user memory
- Supports microSD™/microSDHC™ Expansion Memory (up to 16GB capacity)
- High Speed Data (3G-capable) Technology
- Open and Assisted Global Positioning (GPS) Technology with VZ Navigator℠
- Wireless Internet Capability
- Full Internet Browser with touch gesture support
- Windows Mobile® 6.5 Professional
- Built-in Bluetooth® Technology
- 802.11b/g Wi-Fi Support
- 5.0 Megapixel Camera with Auto Focus, Flash and DVD-quality Camcorder
- Messaging Services, including:
  - Standard Text Messaging (SMS)
  - Multimedia Messaging (MMS) for Picture and Video Messaging
  - E-mail Messaging, including support for mobile and corporate E-mail
  - Mobile Instant Messenger (IM)
  - Visual Voice Mail
- Nuance Voice Recognition technology for no-training voice recognition of dialing and commands
- Personal organization tools, including Calendar, Clock and Alarm, Memos and Tasks
- V CAST Music with Rhapsody® (Subscription, Wireless & PC Downloads)
- V CAST Videos
- V CAST Song ID
- VZW Tones
- Social Networking Service applications (Facebook and Communities) and one-touch upload
- Ferrari GT Evolution racing game
- Bing Search
- Podcasts and RSS Reader

Front View of Your Phone

Key Functions

1. **Earpiece**: Allows you to hear callers and other audio played by the phone.
2. **AMOLED Display/Touch Screen**: Displays phone information.
3. **Send key**: Press to display the Dialer, or to dial a call after entering a telephone number. Press and hold to launch Voice Recognition.
4. **Main Menu key**: Press to open the **Main Menu**. Press and hold to open **Task Switcher**.
5. **End/Power key**: Press and hold to turn the phone On or Off. Press to wake up display. Press to end a call, or to hide an application. Press to ignore an incoming call and send the caller to voice mail.

Warning!: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "*Standard Limited Warranty*" on page 166.

Side View of Your Phone

Key Functions

1. **Strap attachment**: Attach a strap (not included).
2. **Headset Jack**: Plug in an optional 3.5mm headset or other device. For best reception when using the FM Radio, use the included FM antenna/Microphone adaptor.
3. **Volume key**: Press to adjust audio volume, adjust the master volume in idle mode, adjust the voice volume during a call, or to mute the ringer for an incoming call.
4. **Memory card slot**: Remove cover to access microSD slot.
5. **OK key**: Press to accept entries, close an item, or hide an application. Press and hold to go to the home screen.
6. **Camera/Camcorder key**: Press to launch the camera. Press and hold to launch the camcorder. In camera/camcorder mode, press to take the picture or begin/stop recording.
7. **Lock key**: Press to put the screen to sleep. Press to wake the screen, or press and hold to unlock the phone.
8. **Power/Accessory Port**: Plug in the charging cable or optional accessory cables.
9. **Stylus**: Use the stylus for screen navigation and entries. Store the stylus in the slot.

Rear View of Your Phone

Key Functions

1. **Camera/Camcorder lens**: The lens of the built-in camera/camcorder.
2. **Flash**: The built-in flash has manual and automatic capabilities.
3. **Stereo speakers**: Allows you to hear and play music, ringtones and sounds.

Home Screen

Home Screen Functions

1. **Start**: Tap Start to display Main Menu for access to applications, Settings and Task Switcher.
2. **Annunciator Line**: Displays the active program, and icons to show Connectivity, Phone status, Ring/Volume, and Power status. Tap the icons to quickly access Wireless Manager, Volume, and Power Settings.
3. **ERI Banner**: Displays "**Verizon Wireless**" when the device is activated and functioning in the Verizon Wireless Home Network.
4. **Widget Bar**: Contains user-selectable widgets such as Analog and Digital Clock, Calendar, and Shortcuts. Tap the Widget Bar tab to open and close the bar.
5. **Notification Bar**: Presents notification of text, multimedia and e-mail messages, voice mails and missed calls. Tap an icon to launch the application.
6. **Right Soft Key**: Presents commands based on the status or open application.
7. **Left Soft Key**: Presents commands based on the status or open application.

Annunciator Icons

Icons in the Annunciator line display network, phone and battery status, as well as notifications for events and connections. .

Signal strength: More bars mean better signal.

GPS Location On: GPS for location is active.

GPS 911 Only: GPS only active for 911 calls.

Airplane Mode: Phone is turned off, but other features are available. For more information, refer to *"Airplane Mode"* on page 10.

Ringer On: The ringer is set to On.

Ringer Off: The ringer is set to Off.

Vibrate On: The ringer is set to Vibrate.

1xRTT: 1xRTT high speed data transfer service is available, which is required for MMS and data services.

3G: 3G high speed data protocol is available, which is required for video streaming and downloads.

Information: Alerts you to informational messages.

Roaming: Your phone is outside of the home service area, and is in Roaming mode.

Connecting: ActiveSync or Data session is currently in use.

No Connection: There are no data sessions active.

Attention: Two or more message icons are being displayed.

Reminder: A calendar event is upcoming.

Speakerphone: The phone is in Speakerphone mode.

Voice Privacy: Voice Privacy Enhanced Mode is available.

Wi-Fi Inactive: A Wi-Fi connection is available, but inactive.

Wi-Fi Active: A Wi-Fi connection is available and active.

Battery Status: Current battery charge (shown fully charged).

Battery Charge Needed: Battery is fully discharged. Phone will shut off if not charged.

Battery Charging: Charger is connected and battery is charging.

Notification Bar Icons

The **Notification Bar** displays at the bottom of the home screen to inform you of new messages and e-mails, missed calls, and voice mail.

A number beside an icon indicates the number of notifications for the type.

New SMS/MMS Message: Tap the icon to go to the Inbox.

New E-mail: Tap the icon to go to Messaging.

Missed Calls: Tap the icon to go to Call Logs.

New Voice mail: Tap the icon to go to Visual Voice Mail. For more information, see *"Visual Voice Mail"* on page 12.

Cube

Cube Functions

1. **Close/Back**: Tap to close **Cube**, or Back to return to Cube.
2. **Cube**: Flick or drag with your finger or stylus to rotate the Cube. Choose from Photo, Music, Video, Shop, Game, or Web.
3. **Menu**: Tap to select from Photo, Music, Video, Shop, Game, or Web.

Section 3: Displays

Home Screen

The **home screen** is your starting point for using the applications on your phone. You can customize each home screen by placing Widgets according to your preference.

Extended Home Screen

The home screen extends beyond the display width to provide more space for adding icons, widgets, and more.

Slide your finger horizontally across the screen to scroll to the left or right side of the extended home screen.

You can scroll continuously between home screens, as shown in the illustration.

The wallpaper for each home screen is different to aid you in navigation.

The indicator at the top of the screen indicates the current screen.

Customizing Home Screens

Each home screen can be customized to fit your needs by docking widget(s) on the home screen, and by selecting wallpaper.

Docking and Undocking Widgets

For more information about using widgets, see *“Docking and Undocking Widgets”* on page 27.

Moving Widgets

Widgets are locked in place when docked on a **home screen**. To move a widget on a home screen, touch and hold the widget until it resizes, then drag it to a new area of the home screen.

Note: A widget can only exist in one place, so if a widget is undocked on a home screen, it is no longer available in the Widget Bar or on another home screen.

Change the Home Screen Wallpaper

1. From a home screen, display the **Widget Bar** by tapping the Widget Bar Tab.
2. Tap the **Wallpapers** widget . Use the left or right triangle to scroll through preloaded or downloaded images.
3. Tap **Images** to view Photos captured using the camera, or copied to your phone or memory card.
4. Tap **Set** to use the displayed image as the new wallpaper.

Note: Wallpaper settings can also be made in Settings. For more information, see *“Display Settings”* on page 139.

Widgets and the Widget Bar

Widgets are links to mini-applications or tools, which can be docked in the **Widget Bar**, or on a home screen. For a list of available widgets and their functions, see page 29.

The **Widget Bar**, located at the left of the home screen:

- Provides quick access to widgets
- Keeps widgets organized and always accessible
- Maximizes available display space.
- Gives you information at a glance

Widget Bar Tab

Accessing the Widget Bar

▶ To **access** the Widget Bar, tap the Widget bar tab, located on the left side of the main display.

▶ To **close** the Widget Bar, tap the Widget Bar tab, or tap the home screen.

Note: The Widget Bar tab can be moved vertically on the screen by dragging.

Widget Bar Navigation

Use your fingertip or stylus along the Widget Bar to flick up and down to scroll through the list

Customizing the Widget Bar

By default, widgets are docked in the Widget Bar. You can drag widgets to a home screen to use the application or feature (undocking), then drag it back to dock it in the Widget Bar when you are finished.

Docking and Undocking Widgets

You can easily customize the Widget Bar and home screens by keeping widgets docked in the bar or undocking them by dragging anywhere onto your home screen.

To move a widget from the Widget bar to a home screen:

▶ Tap the widget in the Widget Bar.

– or –

▶ Touch and hold the widget, and drag it to the home screen (1)

To move a widget from a home screen to the Widget Bar:

▶ Tap the Widget Bar tab to open it, then touch and drag the widget onto the bar.

Note: A widget can only exist in one place, so if a widget is undocked on a home screen, it is no longer available in the Widget Bar.

Moving Widgets

Widgets are locked in place when docked on the **Widget Bar**. You can change the order of widgets on the Widget Bar by undocking and dragging to a new position.

Activating a Widget

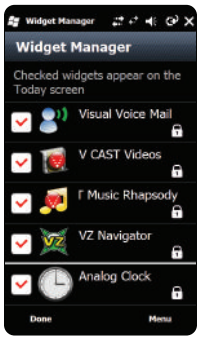
If the widget is on the Widget bar, tap the widget on the Widget Bar to move it to the home screen, then tap the widget to launch its application.

If the widget is on a home screen, just tap the widget.

Widget Manager

The **Widget Manager** allows you to select widgets for display in the Widget Bar, which makes the widgets available for use from the Widget Bar, or for docking on a home screen.

1. Tap the **Widget Bar**, then tap **Widget Manager** .
2. In the Widget Manager, tap the checkbox for a widget to display the widget on the Widget Bar. For a list of Widgets, see *"Widgets"* on page 29.
3. Tap **Menu** for options:
   - **Options**: Toggle **Tray Auto Hiding** to choose whether the Widget Bar automatically collapses after each use.
   - **Delete**: Mark widgets for deletion. You can only delete widgets that you've downloaded; default widgets cannot be deleted.
   - **Exit**: Close Widget Manager.



Widget Store

Use Widget Store to download new widgets to your Omnia II.

1. In the Widget Bar, tap the **Widget Store** widget to move it to a home screen, then tap the widget. The first time you launch Widget Store, you'll be prompted to agree to the terms of the service.
2. Scroll through the list of widgets by flicking.
3. Tap a widget to read information about it. To download the widget to your phone, tap **Get**.
4. The new widget will be downloaded to your phone, and automatically placed on the current home screen.

Widgets

These widgets are available for display in the Widget Bar or on the home screens:

Widget Manager: Customize the Widget Bar by choosing widgets for display. For more information, refer to *"Widget Manager"* on page 28.

Visual Voice Mail: Tap to launch Visual Voice Mail. For more information, refer to *"Visual Voice Mail"* on page 12.

V CAST Videos: Launches V CAST Videos. For more information, refer to *"V CAST Videos"* on page 85.

V CAST Music with Rhapsody: Launch V CAST Music with Rhapsody. For more information, refer to *"V CAST Music with Rhapsody"* on page 82.

VZ Navigator: Launch VZ Navigator. For more information, refer to *"VZ Navigator"* on page 86.

Analog Clock: Displays current time in analog format. Tap the widget to launch Clock and Alarm. For more information, refer to *"Clock and Alarm"* on page 105.

Bing: Search for content on the web. For more information, refer to "*Bing*" on page 124

Browser: Tap the widget to launch the Opera Mobile browser for browsing the web. For more information, refer to *"Opera Browser"* on page 125.

Calendar: Displays a Month-view calendar. Tap to launch My Calendar. For more information about Calendar, see *"My Calendar"* on page 96.

Digital Clock: Displays the current time in a digital format. Tap to launch Clock and Alarm. For more information, refer to *"Clock and Alarm"* on page 105.

ERI: Displays a banner on the first home screen to show current network status. See *"ERI Banner"* on page 20.

Facebook: Launches the Facebook mobile application. For more information, refer to *"Facebook"* on page 129.

Flickr: Launches Flickr in a browser window.

FM Radio: Activates the FM Radio. For more information, refer to *"FM Radio"* on page 87.

Friendster: Launches Friendster in a browser window.

Help: Provides links to a Quick manual and Video tutorial for various features of your Omnia II.

Mini Player: Quickly control playlists being played with Media Player. Tap and hold to switch to Media Player. For more information, refer to *"Media Player"* on page 76.

My Favorites: A toolbar that you can customize to create shortcuts to your favorite contacts. For more information, refer to *"Favorites"* on page 63.

My Shortcuts: A toolbar that you can customize to create shortcuts to your favorite programs.

MySpace: Launches MySpace in a browser window.

New Message: Starts a new message. For more information about creating and sending messages, see *"Creating and Sending Messages"* on page 64.

Photobucket: Launches Photobucket in a browser window.

Smart Memo: Create a memo. For more information, refer to *"Memo"* on page 102.

Sound Profile: Set your phone to **Vibrate** mode, or turn **Volume on** or **Volume off**.

Today: Shows today's date, current time and upcoming calendar events. For more information, refer to *"My Calendar"* on page 96.

Voice Recorder: Record an Audio Note. For more information, refer to *"Voice Recorder"* on page 104.

Wallpapers: Change the wallpaper on the home screen(s). For more information, see *"Change the Home Screen Wallpaper"* on page 25.

WeatherBug: Displays weather for your selected location.

Widget Store: Download new widgets. For more information, refer to *“Widget Store”* on page 28.

Wireless Manager: Enable/disable Airplane Mode, the Phone feature, Bluetooth and Wi-Fi. For more information, refer to *“Wireless Manager”* on page 130.

World Clock: Displays the current time in two time zones. For information about configuring World Clock, see *“Clock and Alarm”* on page 105.

YouTube: Launches YouTube in a browser window.

Main Menus

The **Main Menus** are the starting point for launching Omnia II's applications. To access the Main Menus:

▶ Press the **Main Menu** key .

– or –

▶ From the **home** screen, tap the **Start** icon (in the upper left hand corner).

There are 5 default Main Menus: *Main Menu 1*, *Main Menu 2*, *Main Menu 3*, *Main Menu 4,* and *Main Menu 5*. To access the Main Menus, scroll left and right (sliding your stylus or finger to the left or right). You can add additional Main Menus, up to a total of 10.

For a list of all applications, refer to the Main Menu lists beginning on page 34 Descriptions for each application are included, along with references to detailed information about each application.

Note: Pressing the **Main Menu** key at any time will automatically open the last-used Main Menu.

Customizing Main Menus

The main menus of the Omnia II can be customized by:

- Renaming
- Adding/rearranging application icons
- Adding Main Menus, up to a total of 10

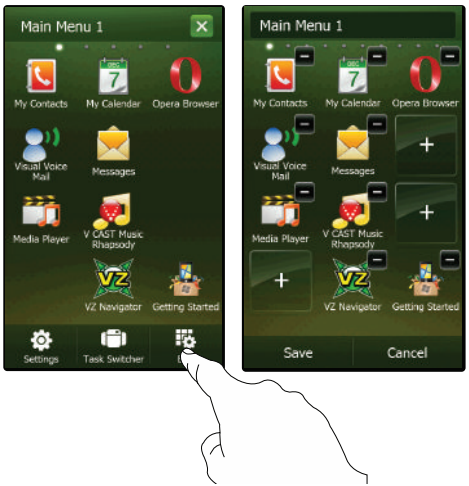
Note: If you install a new application on your Omnia II, you can add it to a Main Menu using this procedure.

To customize a Main Menu:

1. Press the **Main Menu** key , then tap **Edit**.
2. Slide your finger across the display horizontally to select a Main Menu, then:
   - Tap the **Name** field to enter a new name for the menu.
   - Tap <**+**> , then tap an application you would like to add.
   - Tap <**-**> to remove the application from the selected Main Menu.
   - Touch and hold an application and drag it to a new location on the menu.
   - Tap the **Save** soft key to save your changes.

To add a Main Menu:

1. Press the **Main Menu** key , then tap **Edit**.
2. Slide your finger across the display horizontally to select a blank Main Menu, then customize the new Main Menu by adding applications.



Main Menu 1

The following applications appear by default on **Main Menu 1**.

My Contacts: View and manage a directory listing of contacts stored on the device. For more information, see *"My Contacts"* on page 57.

My Calendar: Tap to open the Calendar. For more information, see *"My Calendar"* on page 96.

Opera Browser: Tap to launch the Opera Browser. For more information, refer to *"Opera Browser"* on page 125.

Visual Voice Mail: View a list of your voice mail. For more information, see *"Visual Voice Mail"* on page 12.

Messages: Go to Messaging. For more information see *"Messaging Applications"* on page 64.

Email: Go to E-mail. For more information, refer to *"E-mail"* on page 73.

Media Player: Tap to launch the Media Player. For more information, refer to *"Media Player"* on page 76.

V CAST Music with Rhapsody: Listen, purchase and download music, plus sync to your PC. For more information, refer to *"V CAST Music with Rhapsody"* on page 82.

V CAST Videos: View or download video clips. For more information, refer to *"V CAST Videos"* on page 85.

My Pictures: View and manage your photos and images. For more information, refer to *"My Pictures"* on page 118.

VZ Navigator: Get maps, directions and local information. For more information, refer to *"VZ Navigator"* on page 86.

Getting Started: Get tips and instructions for getting started used your new Omnia II. Getting Started displays the first time you start your phone.

Main Menu 2

The following applications appear by default on **Main Menu 2**.

Dialer: Make phone calls and set phone options and services. For more information, refer to *"Dialer"* on page 43.

Call Logs: Display a history of incoming, outgoing, and missed calls. For more information, refer to *"Call Logs"* on page 46.

Clock and Alarm: Set the time that appears in the Clocks, set alarms, and use a Stop Watch. For more information, see *"Clock and Alarm"* on page 105.

Mobile Email: Access Email with a specialized mobile application. For more information, refer to *"Mobile Email"* on page 75.

VZW Tones: Purchase and download ringtones and sounds for your phone. For more information, refer to *"VZW Tones"* on page 84.

Mobile IM: Send and receive instant messages using AIM™, WL Messenger, or Yahoo!®. For more information, refer to *"Mobile IM"* on page 75.

Bing: Search for content on the web. For more information, refer to *"Bing"* on page 124

Bluetooth: Access the Bluetooth features of your Omnia II. For more information, refer to *"Bluetooth Wireless Technology"* on page 131.

V CAST Song ID: Find information about songs. For more information, refer to *"V CAST Song ID"* on page 84.

Facebook: Launch the Facebook mobile application. For more information, refer to *"Facebook"* on page 129.

Communities: Update your favorite social networking sites, like Facebook, Flickr, Friendster, MySpace and Photobucket. For more information, refer to *"Communities"* on page 128.

My Files: Locate and view files on your Omnia II. For more information, see *"My Files"* on page 108.

Main Menu 3

The following applications appear by default on **Main Menu 3**.

Memo: Capture thoughts, reminders, ideas, drawings, and phone numbers by writing or voice recording. For more information, refer to *"Memo"* on page 102.

Calculator: Launch the calculator. For more information, refer to *"Calculator"* on page 106.

FM Radio: Activates the FM Radio. For more information, refer to *"FM Radio"* on page 87.

Camera: Launch the Camera/Camcorder. For more information, refer to *"Photo and Image Applications"* on page 114.

Digital Frame: View your photos as a slideshow in Digital Frame. For more information, refer to *"Digital Frame"* on page 122.

Smart Reader: Take a photo of a business card or document and capture the text contents. For more information, refer to *"Smart Reader"* on page 123.

Ferrari GT Evolution: Launch Ferrari GT Evolution game. For more information, refer to *"Ferrari GT Evolution"* on page 113.

Podcast: Subscribe and view/listen to podcasts on your phone. For more information, refer to *"Podcast"* on page 128.

Voice Recorder: Record an Audio Note. For more information, refer to *"Voice Recorder"* on page 104.

Solitaire: Launch the Solitaire game. For more information, refer to *"Games"* on page 113.

Bubble Breaker: Launch the Bubble Breaker game. For more information, refer to *"Games"* on page 113.

Dice: Launch the Dice game. For more information, refer to *"Games"* on page 113.

Main Menu 4

The following applications appear by default on **Main Menu 4**.

MS Word Mobile: Create, open, and save Word documents. For more information see see *"MS Word Mobile"* on page 93.

MS Excel Mobile: Create, open, and save Excel documents. For more information, see *"MS Excel Mobile"* on page 91.

MS Power Point Mobile: Open and save Power Point documents. For more information see *"MS Power Point Mobile"* on page 92.

MS OneNote Mobile: Create, open, and save Notes. For more information, see *"MS OneNote Mobile"* on page 92.

Adobe Reader LE: Open and view Adobe PDF documents. For more information, see *"Adobe Reader LE"* on page 94.

Tasks: Create and track tasks. For more information, refer to *"Tasks"* on page 98.

MS File Explorer: Browse all the files and folders on your device. For more information, refer to *"MS File Explorer"* on page 107.

City ID: Look up the city and state information for telephone numbers. For more information, refer to *"City ID"* on page 108.

Internet Explorer: Launch Internet Explorer. For more information, refer to *"Internet Explorer"* on page 126.

ActiveSync: Synchronize your device with your PC. For more information, refer to *"ActiveSync"* on page 109.

Smart Search: Search for files, folders, contacts, numbers, etc. on your phone or the web, by keyword or type. For more information, refer to *"Smart Search"* on page 95.

Voice Recognition: Use your voice to look up contacts, make phone calls, get calendar information, or launch applications. For more information, see *"Voice Recognition"* on page 49.

Main Menu 5

The following applications appear by default on **Main Menu 5**.

Unit Converter: Convert values for Length, Weight, Area, Volume or Temperature. For more information, refer to *"Unit Converter"* on page 107.

RSS Reader: Read news updates from web sites, formatted for your phone. For more information, refer to *"RSS Reader"* on page 127.

Text Messages Retry: Manage delivery of un-sent messages. For more information, refer to *"Text Messages Retry"* on page 68.

Connected Home: Use your phone as a Mobile Digital Media Server (M-DMS). For more information, refer to *"Connected Home"* on page 88.

Video Editor: Create custom slide shows using your own images and videos. For more information, refer to *"Video Editor"* on page 89.

Streaming Player: View streaming video from the web, right on your phone. For more information, refer to *"Streaming Player"* on page 86.

Marketplace: Download applications for your phone.

Microsoft My Phone: Back up files from your phone to the Microsoft Windows Live site.

MSN Money: Track financial data from your phone. Uses your data connection, which may incur additional charges depending on your plan.

Windows Live: Keep in touch via your Windows Live service.

Main Menu - Others

The following icons are available for use on the Main menus by editing. For more information, refer to *"Customizing Main Menus"* on page 33.

Calendar: Record events on a basic calendar.

Contacts: Directory listing of contacts stored on the device. For more information, see *"My Contacts"* on page 57.

Notes: Record or draw a note.

Search Phone: Search for information and files on your phone.

Search Widget: Launch Bing to find web content. Uses your data connection, which may incur additional charges depending on your plan.

Settings: Customize your phone. For more information, refer to *"Changing Your Settings"* on page 139.

Task Manager: View status of open applications, including memory and CPU usage.

Windows Media: Play music, videos and TV clips using Windows Media Player.

Cube

The **Cube** is an interactive way to access various multimedia features on your Omnia II.

▶ From any home screen, tap the right soft key **Cube**.

The **Cube** has six sides, corresponding to types of features on your phone:

- **Photo**: View photos stored on your phone, launch My Pictures, launch Camera.
- **Music**: Select music for playing with Media Player.
- **Video**: Select videos stored on your phone, for viewing with Media Player.
- **Shop**: Browse and shop for music, tones and videos by launching V CAST Music with Rhapsody, V CAST Videos, VZW Tones, V CAST Song ID, or shop for widgets using Widget Store.
- **Game**: Launch Solitaire, Bubble Breaker, Dice or Ferrari GT Evolution.
- **Web**: Launch web sites saved to your browser favorites.

To use the **Cube**:

▶ Swipe your finger over the **Cube** to navigate to a side.

– or –

▶ Tap a menu icon to go directly to a specific side on the **Cube**.

When you select a side, the Cube display changes to allow you to scroll through available options.

Photos

Section 4: Navigation

This section explains navigation using your finger or the stylus on the Touch Screen, or by pressing the phone's keys.

Navigation Keys

Locking and Unlocking the Phone and Display

Because this is a touch screen phone, locking the phone can prevent unintentional use of the phone, and preserve battery life.

To **Lock** the Omnia II:

▶ Press and hold the **Lock** key on the right side of the phone.

To **Unlock** the Omnia II:

▶ Press and hold the **Lock** key.

To **Unlock** the display:

▶ Press the **Lock** key. To unlock the Omnia II after unlocking the display, tap **Unlock** on the screen.

Main Menu key

Press the **Main Menu key** at any time to display the Main Menu screens.

Press and hold the **Main Menu key** to launch the **Task Switcher**.

OK key

The **OK** key is used to move up one level, for example, from an application up to the home screen, or in Settings to move one level up.

Touch Screen Navigation

Tap

To type using the virtual QWERTY keyboard, select items onscreen such as icons, or press onscreen buttons, simply **Tap** with your finger or the stylus.

Touch and Hold

Some items are activated by a **Touch and Hold** action with your finger or stylus, for example to bring up a pop-up menu of options or to move a widget on the screen.

Swipe or Slide

To **Swipe** or **Slide** means to quickly drag your finger vertically or horizontally across the screen.

Flick

A **Flick** is similar to a Swipe or Slide, except that you move your finger or stylus in lighter, quicker strokes. This gesture is always in a vertical direction, such as when flicking the contacts or message list.

Drag

Touch and hold with your finger or stylus, then **Drag** the item to a new location. While dragging, do not release your finger until you have reached the target position. Dragging is often used to move widgets or shortcuts.

Stylus

The **Stylus** is used for navigating via the screen, may also be used for writing or drawing on the screen

Section 5: Call Functions

This section describes how to make or answer calls. It also includes the features and functionality associated with using your phone, as well as explaining the Nuance Voice Recognition feature built into your Omnia II.

Note: Before initiating a call, verify your phone features are active; see *"Turning the Phone Feature On and Off"* on page 9..

Making a Call

There are several ways to make calls on your Omnia II:

- Use the Dialer to enter a telephone number
- Use the Dialer to enter a speed dial number
- Call a contact from My Contacts, or from the My Favorites widget.
- Return a call, or call a recent caller via Call Logs
- Voice dial using Nuance Voice Recognition.

Dialer

To access the Dialer:

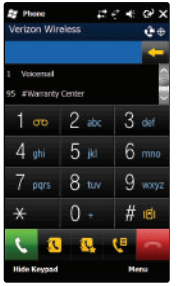
▶ Press the **Send** key .

– or –

▶ Press the **Main Menu** key , **Main Menu 2 ➔ Dialer** .

Dial a Call

To manually dial a call:



1. Press the **Send** key to launch the **Dialer**.
2. Tap the telephone number.
3. Tap **Talk** or press **Send** to dial.

Speed Dial

To make a call using **Speed Dial**:

1. Press the **Send** key to launch the **Dialer**.
2. Tap the Speed Dial number, holding the last digit. The number is dialed automatically.

Note: For more information about setting Speed Dial numbers, see *"Speed dial"* on page 62.

Making a Call from My Contacts

To make a call from **My Contacts**:

1. Press **Send**, then tap the **My Contacts** button in the **Dialer**.
2. Find the contact and tap it to display the contact. For more information, see *"Finding a Contact"* on page 59.
3. Tap the call type (**Call Mobile**, **Call Work**, or **Call Home**) to dial the call.

Making a Call from Favorites

To make a call from **Favorites**:

1. Press **Send**, then tap the **Favorites** button in the **Dialer**.
2. Find the contact and tap it to display the contact. For more information, see *"Finding a Contact"* on page 59.
3. Tap the call type (**Call Mobile**, **Call Work**, or **Call Home**) to dial the call.

Note: For more information about creating favorite contacts, see *"Favorites"* on page 63.

Caller ID

Caller ID displays the phone number of the person calling when you receive an incoming call. Similarly, if you call someone who has this feature, your phone number displays on their phone. If the caller's name and number are stored in My Contacts, their name appears with the number.

To block caller ID from displaying when you call another user:

▶ Press **Send** → * 6 mno 7 pqrs → <**the phone number**> → **Send**.

Note: When you receive a call, you can silence the ringer by pressing the volume key on the side of your phone.

Answering a Call

Make sure the phone is turned on. When you receive an incoming call, the **Phone** screen appears in the display.

- Tap the **Answer** button, or press **Send** .
- Tap the **Ignore** button, or press **End** to send the call to voice mail.
- Select a preloaded message to send to the caller, then tap Ignore + TXT .
- If the screen is **locked** when a call is incoming, tap **Unlock** , before choosing an action above.

Call Waiting

You can answer an incoming call while on an existing call. If you are on an existing call and another call is received, you'll hear a tone played through the earpiece or speaker and an incoming screen is displayed on the screen. If the caller is stored in My Contacts, their name is also displayed.

- Tap the left soft key **Answer**
- Press the **Send** key .

Call In-Progress Icons

During a call, you have these options:

- **Speaker On/Speaker Off** toggles the speakerphone.
- **Mute/Unmute** toggles muting.
- **Talk** dials another call.
- **Note** attaches a note to the call.
- **My Contacts** launches My Contacts.
- **End** disconnects the call.

Call Ended Icons

After a call ends, you have these options:

- **Call Logs** launches Call Logs.
- **Save** saves the caller to My Contacts.
- **Talk** returns to the Dialer.
- **Note** attaches a note to the call.
- **My Contacts** launches My Contacts.

Call Logs

Call Logs records all calls, incoming, outgoing, and missed. To access **Call Logs**:

▶ Press **Send** , then tap the **Call Logs** button in the **Dialer**.

– or –

▶ Press the **Main Menu** key, then **Main Menu 2** → **Call Logs** .

Calls are displayed on these tabs:

All Calls: Incoming, outgoing or missed calls

Incoming Calls: Calls that were answered

Outgoing Calls: Calls made with the phone.

Missed Calls: Incoming calls that were not answered.

Sort Call Logs

Sorting allows you to view calls by selecting from one of the preset sort criteria.

1. Press **Send** , then tap the **Call Logs** button in the **Dialer**.
2. Tap the desired tab (**All Calls**, **Incoming Calls**, **Outgoing Calls**, or **Missed Calls**.)
3. Tap the right soft key **Menu** → **Sort** for these options:
   - **Time**: sorts by time dialed or received.
   - **Name**: sorts by the caller's first name (if stored in My Contacts).
   - **Frequency**: sorts by the number of calls for each caller.
4. Tap the desired sort type to refresh the screen entries.

Placing a Call Using Call Logs

You can place a call to a recipient you've called in the past, or return a call to a caller by retrieving a call stored in the Call Log.

1. Press **Send** , then tap the **Call Logs** button in the **Dialer**.
2. Find a call on a **Call Logs** tab and tap the call.
3. Tap the call type (**Call Mobile**, **Call Work**, or **Call Home**) to dial the call.

Creating/Updating a Contact Using Call Logs

Create a contact, or update an existing contact, from a Call Log.

1. Press **Send** , then tap the **Call Logs** button in the **Dialer**.
2. Find a call on a **Call Logs** tab and tap the call log entry.
3. Tap the left soft key **Save**.
4. At the **Save to** pop-up, tap **New contact** to add a new entry or tap **Existing contact** to update an existing entry and tap Ok .
5. Enter the contact information such as name, and number type. The phone number is already entered.
6. Tap the left soft key **Done** or OK to save your contact and return to the previous screen.

Deleting Calls from the Call Logs

Call Logs can be deleted individually or as a whole. Deleting all call entries will remove all currently displayed call entries. These entries are dependant on the **Filter** used for call log display (**All Calls**, **Missed**, **Outgoing**, or **Incoming**).

Note: If your currently-selected tab is displaying **Missed Calls**, for example, deleting all calls in this instance would only delete Missed Calls, while leaving all remaining Incoming and Outgoing Call entries.

1. Press **Send** , then tap the **Call Logs** button in the **Dialer**.
2. Tap the desired **Call Log** tab (**All Calls**, **Incoming Calls**, **Outgoing Calls**, or **Missed Calls**.)
3. Tap right soft key **Menu** ➔ **Delete**.
4. Tap the entries you want to delete or tap **Delete** to delete all calls in the selected call log tab.
5. Tap the left soft key **Done** or OK .
6. At the **Permanently delete call(s)?** pop-up, tap Ok .

Send a Message using Call Logs

You can send a text or multimedia message in response to a call stored in the Call Log.

Note: Contact your service provider for more information on messaging services.

1. Press **Send** , then tap the **Call Logs** button in the **Dialer**.
2. From a **Call Log** tab, tap the call to which you'd like to respond.
3. Tap **Send text message** to open the Text Message screen with the recipient already filled in.
4. Use your virtual QWERTY keyboard to enter the message.For more information, refer to *"Creating and Sending Messages"* on page 64.

Call Forwarding

Call Forwarding allows you to forward all incoming calls to another phone number, even when your phone is turned off.

To activate call forwarding, follow these steps:

1. Press **Send** → * 7 pqrs 2 abc.
2. Enter the area code and phone number where the incoming calls are to be forwarded.
3. Press **Send** .
4. After the tone, press to end the call.

Note: When your Omnia II receives an incoming call, only a single beep is produced to indicate the re-route process.

To deactivate call forwarding, perform the following:

1. Press **Send** → * 7 pqrs 3 def → **Send** .
2. After the tone, press **End** to end the call.

Three-way Calling

Three-way calling allows you to talk to two different people at the same time. When using this feature, normal airtime rates apply for each of the two calls.

To use three-way calling:

1. Dial the number for the first person and press **Send** .
2. Dial the number for the second person and press **Send** .
3. When the second person answers, press **Send** again to connect all three parties.

Note: There is no on screen indication of the two other parties currently in the active three-way call.

If one of the people you called hangs up, you and the remaining caller stay connected. If you initiated the call and are the first one to hang up by pressing **End** , all three calls are disconnected.

Voice Recognition

Your Omnia II includes Nuance **Voice Recognition**, state-of-the-art voice recognition software that transforms your device into your own virtual personal assistant, letting you use your voice to look up contacts, make phone calls, get calendar information, and to start applications.

There is no need to “train” Voice Recognition; it is designed to recognize natural speech.

Using Voice Recognition

1. Press and hold **Send** to launch **Voice Recognition**.
2. An audio prompt says “Say a Command”. Say the name of the command you want to perform, from the following options (visible on screen):
   - **Call <Name or #>**: Say the name or number of the person from My Contacts you would like to call.
   - **Send Text <Name or #>**: Say the name or number of the person from My Contacts to whom you would like to send a message.
   - **Send Email <Name>**: Say the name or number of the person from My Contacts to whome you would like to send an E-mail.
   - **Lookup <Name>**: Say the name or number of the person from My Contacts you would like to look up.

- **Go To <Menu>**: Say the name of an application or shortcut to open the item. A list of items appears on the screen. Say <More Items> to display additional lists of items.
- **Play <Playlist>**: Say the name of a playlist to launch Windows Media and play the playlist.
- **Check <Item>**: Say the name of a status item to check. A list of items appears on the screen.

Voice Command Settings

1. Press and hold **Send** to launch **Voice Recognition**.
2. Tap the right soft key **Settings** for these options:
   - **Confirmation**: Control when the system asks you to confirm a name or number. Tap **Automatic**, **Always Confirm**, or **Never Confirm**.
   - **Adaptation**: Adapt your phone's Voice Recognition to your voice, to improve results. Tap **Adapt Voice** ➔ **Start**, then follow the audio prompts.
   - **Audio Modes**: Set the level of audio assistance provided by Voice Recognition. Tap **Expert Mode** for no audio prompts, **Prompt Mode** for audio prompts, or **Readout Mode** to have the phone read out all commands to you.
   - **Sensitivity**: Control the sensitivity of the system. Tap **Most Sensitive**, **Recommended** or **Least Sensitive**.
   - **About**: View information about Nuance Voice Recognition.

Roaming

What is Roaming?

Roaming occurs when you travel outside your phone's designated home network's coverage area. Your phone can roam to other digital networks to maintain service outside your home network. The roaming icon ▲ appears in the Annunciator line when roaming is active, and extra charges may apply when making or receiving a call while roaming.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery, requiring more frequent battery charges.

Changing your Roaming Network Options

You can change your phone's default roaming behavior.

Note: Contact your service provider for information regarding your home network and roaming.

To change your Roaming settings:

1. Press the **Main Menu** key , **Settings** ➔ **Basic Settings** tab ➔ **Phone Settings** ➔ **Network Selection**.

2. Tap a selection:
   - **Home only**: The phone will only operate on its home network , and will not roam to other available networks.
   - **Automatic-A**: The phone will maintain service by roaming from your home network to other available networks.
   - **Automatic-B**: The phone will maintain service by roaming from your home network to other available networks.
3. Tap the right soft key **Done** or OK to save your changes and return to the previous screen.

TTY Mode

Your Omnia II is fully TTY-compatible, allowing you to connect TTY equipment to the phone's headset jack.

Note: Enabling TTY will disable the audio of any connected headset.

Before using a TTY device, you need to enable TTY Mode using these steps:

1. Press the **Main Menu** key ➔ **Settings** ➔ **Basic Settings** tab ➔ **Phone Settings** ➔ **TTY Mode**.
2. At the **ENABLING TTY WILL DISABLE HEADSET AUDIO. CONTINUE?** pop-up, tap Yes to continue.
3. Choose a TTY Mode:
   - **TTY Full**: Enable support for full TTY devices.
   - **TTY+Talk (VCO)**: Enable support for TTY devices with Voice Carry-Over.
   - **TTY+Hear(HCO)**: Enable support for TTY devices with Hearing Carry-Over.
   - **TTY Off**: Disable TTY functionality.

Note: When connecting any device to your Omnia II, you are prompted to select the type of device. For a TTY device, select **Headset** at the prompt.

Section 6: Entering Text

This section outlines how to select the desired text input method when entering characters into your Omnia II. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Virtual QWERTY keyboards

Your Omnia II includes virtual QWERTY keyboards for character entry. Using the keyboards, you can type letters, punctuation, numbers, and other special characters into text entry fields or other applications. You can access the keyboards by tapping the text entry icon located at the bottom of the display, to choose the Swype, Samsung Keypad, or Keyboard text input methods.

Text Input Methods

There are six text input methods available:

- **Block Recognizer**
- **Keyboard**
- **Letter Recognizer**
- **Samsung Keypad**
- **Swype**
- **Transcriber**

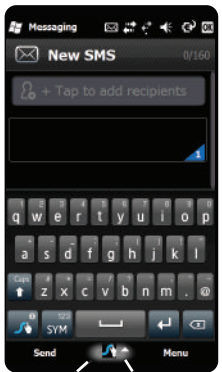
Each of these methods allow you to input alphanumeric characters and symbols into your phone. In addition to these input methods, there are other settings you can select, such as Word Completion, associated with the input mode selected.

Changing the Text Input Method

When entering characters into a field in an application or message, all text input methods are available and can be selected by tapping the white triangle portion of the center soft key △ and selecting a method from the pop-up menu.

The center soft key icon reflects the current text entry method. In this example, the current text input method is Swype.

Touch the text input icon to hide or display the QWERTY keyboard or text input area, or to attach or insert files to a MMS message.



Tap to show or hide text input

Tap to select text input method or options

Swype

Swype is a new way to enter text on touch screens. Instead of tapping each key, use your finger (or the stylus) to trace over each letter of a word. For each word, place your finger or the stylus on the first letter and glide to the subsequent letters, lifting on the last letter.

This example shows a user entering the word “this”. Put your finger or stylus down on the “t”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.

When entering sentences, don’t worry about putting in the spaces between words - Swype does that for you to speed things up. Here are a few tips to get you started:

- **Spacing is automatic**: When you finish a word, just lift your finger or stylus and start the next word.
- **Double letters**: Just do a “squiggle” on the key.
- **Punctuation**: Tap and hold a key to view a punctuation menu and make a selection.
- **Contractions**: Move your finger or stylus over the apostrophe
- **Error correction**: If you make a mistake, double-tap on the word you want to change.

Note: Swype is the default text entry method on your Omnia II.

The **Swype** key at the bottom left of the keyboard provides information to help you learn more about Swype:

- Tap the **Swype** key to show **Tips**.
- Tap the **Swype** key → **Help** to view Help and an introductory Video.
- Tap the **Swype** key → **Tutorial** for an interactive tutorial.
- Launch an introduction video from the Getting Started application (**Main Menu 1** → **Getting Started**)

To access **Swype options**:

▶ While entering text, touch the center soft key and select **Options** from the pop-up menu, then choose **Swype** → **Options**.

Block Recognizer

Block Recognizer uses the traditional writing area box, split in the middle, to allow you to enter characters using single strokes.

The left side is used to write letters and the right side is for number entry. Symbols and common functions are located in other smaller boxes located to the right of the writing box area.

To access Block Recognizer mode:

▶ Tap the center soft key △ ➔ **Block Recognizer**.

There are no user-configurable options for Block Recognizer.

Keyboard

This input method displays an on-screen virtual QWERTY keyboard that can be used to input characters by tapping the screen with the stylus.

To access Keyboard mode:

▶ Tap the center soft key △ ➔ **Keyboard**.

To access Keyboard options:

1. Tap the center soft key △ ➔ **Options**
2. Choose **Keyboard** from the **Input method** list, then tap **Options**.

Letter Recognizer

Letter Recognizer allows you to enter text using natural writing strokes to write each letter. The screen is divided into three different areas: capital letters, small letters, and numbers. Write characters in the appropriate area with the stylus. The character is analyzed and typed on the screen automatically.

To access Letter Recognizer mode:

▶ Tap the center soft key △ ➔ **Letter Recognizer**.

To access Letter Recognizer options:

1. Tap the center soft key △ ➔ **Options**
2. Choose **Letter Recognizer** from the **Input method** list, then tap **Options**.

Samsung Keypad

The Samsung Keypad offers a custom virtual QWERTY keyboard, featuring xt9 predictive text. Input characters by tapping the on-screen keys with your finger or the stylus.

As you enter characters, xt9 predictive text matches your input to common words and displays them. Select a word from the display to insert it into your text. During text entry, you can turn off the xt9 feature by tapping the xt9 Mode key on the keyboard.

To access Samsung Keypad mode:

▶ Tap the center soft key △ ➔ **Samsung Keypad**.

To access Samsung Keypad options:

1. Tap the center soft key △ ➔ **Options**
2. Choose **Samsung Keypad** from the **Input method** list, then tap **Options**.

Transcriber

The Transcriber method is similar to Letter Recognizer, except instead of entering characters into a designated area, you can enter entire words and sentences using your own handwriting, print, or mixed formats. Transcriber supports both printing and cursive writing styles and then automatically types the information on the screen.

To access Transcriber mode:

▶ Tap the center soft key △ ➔ **Transcriber**.

To access Transcriber options:

1. Tap the center soft key △ ➔ **Options**
2. Choose **Transcriber** from the **Input method** list, then tap **Options**.

Tip: Options includes an Intro tips for using the Transcriber input method.

Text Input Options

To access text input method options, use one of the following methods:

▶ While entering text, tap the center soft key and select **Options** from the pop-up menu.

– or –

▶ Press the **Main Menu** key , then tap **Settings** ⚙ ➔ **Advanced Settings** tab ➔ **System** ➔ **Input Method Options**.

Note: For more information about selecting a default text entry method and settings for the text entry modes, see *"System"* on page 144.

Text Input Options - Word Completion

Word Completion settings determine how words are automatically identified and displayed while entering a defined number of characters on the screen.

1. From the **Input Method** settings, touch the **Word Completion** tab.
2. Tap the **Suggest words when entering text** checkbox to enable or disable word suggestion.

3. Tap the **Suggest after entering** drop down list and choose the minimum number of letters a word must contain before a word is suggested.
4. Tap the **Suggest # words** drop down list and choose the numbers of words your Omnia II will suggest once the word completion parameters are met.
5. To enter an empty space after each recognized word, tap **Add a space after word**.
6. To enable the auto correction feature which dynamically corrects for spelling errors and other mistakes, tap **Enable Auto Correct**.
7. Tap **OK** to save your changes and return to the previous screen.

Text Input Options - Options

Note: These options only apply when writing or recording is supported.

1. From the **Input Method** settings, touch the **Options** tab.
2. Tap **Voice recording format** and choose a format from the drop down list.
3. Tap **Default zoom level for writing** and choose a zoom level.
4. Tap **Default zoom level for typing** and choose a zoom level.
5. Tap **Capitalize first letter of sentence** to enable or disable initial capitalization.
6. Tap **Scroll upon reaching the last line** to scroll the text entry field when you reach the last line.
7. Tap **OK** to save your changes and return to the previous screen.

Section 7: My Contacts

This section describes how to manage your daily contacts by saving contact information for your friends, colleagues, or business acquaintances.

My Contacts contains the list of contacts, plus Search criteria and navigation aids.

To access **My Contacts**:

- Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
- From a home screen, tap the left soft key **My Contacts**.

Adding a New Contact

1. Press the **Main Menu** key → **My Contacts** .
2. Tap the left soft key **New**.
3. Use the keypad or the QWERTY keyboard to enter the contact information into the fields provided:

   - Picture ID
   - First Name
   - Last Name
   - Mobile Telephone
   - E-mail
   - Work Telephone
   - Home Telephone
   - Categories

4. Tap **Add field** to add additional fields:

   - Middle Name
   - Suffix
   - Nick name
   - Title
   - Company

Department

Job title

File as

Work fax

Company telephone

Work2 telephone

Work address

IM

Ring tone

Web page

Office location

Home address

Other address

Pager

Car telephone

Home fax

Home2 telephone

Radio telephone

IM2

IM3

E-mail 2

E-mail 3

Assistant

Assistant telephone

Manager

Govt. ID

Account

Customer ID

Birthday

Anniversary

Spouse

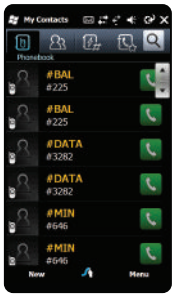
Children

5. Tap **Notes** to enter text information about the contact.
6. Tap the left soft key **Done** or OK to save your new contact information and return to the previous screen.

Finding a Contact

Find a Contact using Search Criteria

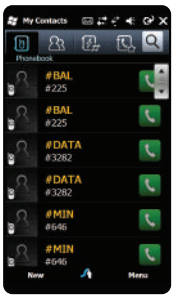
1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Tap the **Phonebook** tab.
3. Tap **Search** .
4. Enter the first few characters of the contact entry. With each consecutive character, the list of matching contacts updates to show matches.
5. Tap an entry from the list to display its information.



Finding a Contact using the Accelerator tab

The **Accelerator tab** allows you to quickly scroll through the Contacts list. The Accelerator tab is located along the right side of the screen. To use the Accelerator tab:

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Touch and hold the **Accelerator tab**, then drag it up and down the screen to scroll through the Contacts list.



Accelerator tab

3. Select a **Contact** from the list.

Editing a Contact

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Find the contact to be edited and tap it to display it. For more information on finding a contact, see *"Finding a Contact"* on page 59.
3. Tap the left soft key **Edit**.
4. Tap the field(s) to be edited and enter the new information.

Deleting a Contact

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Find the contact to be deleted and tap it to display it. For more information on finding a contact, see *"Finding a Contact"* on page 59.
3. Tap the right soft key **Menu** → **Delete**.
4. Confirm the deletion by tapping OK .

Important!: When a contact is deleted, it cannot be recovered.

Making a Call from My Contacts

To make a call from **My Contacts**:

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Find the contact to be called, and tap it to display the contact. For more information on finding a contact, see *"Finding a Contact"* on page 59.
3. Tap the desired number for the contact to place the call.

Sending a Contact via vCard

To send contact information as a message attachment:

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Find the contact to be sent, and tap it to display it. For more information on finding a contact, see *"Finding a Contact"* on page 59.
3. Tap the right soft key **Menu** → **Send contact via vCard**.
4. Add a recipient and tap the left soft key **Send**.

Sending Contact(s) via Bluetooth

You can send contact information via Bluetooth to another Bluetooth device.

Your Omnia II also supports sending multiple contacts, or your entire phonebook, via Bluetooth.

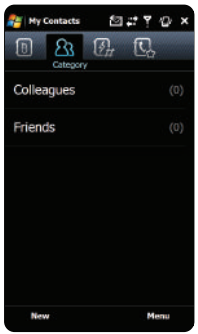
To send contact information wirelessly with another Bluetooth-enabled device, first make sure Bluetooth is on. For more information, refer to *"Bluetooth Modes"* on page 132.

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** → **Phonebook** tab.
2. Tap the right soft key **Menu** → **Send via Beam**.
3. Select contact(s) by tapping. For more information on finding a contact, see *"Finding a Contact"* on page 59. To select all contacts, tap the **Select contacts** checkbox.
4. Tap the left soft key **Done**. Your phone begins to search for a compatible device.
5. Tap the device to which you wish to transmit. When the contact(s) are successfully transmitted, the selected device displays **Done**.

Categories

Categories allow you to group contacts so that you can send messages or e-mails, or set appointments, for members of a category.

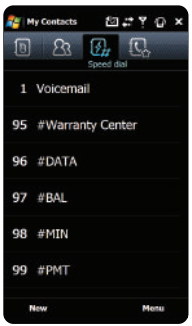
1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** → **Category**.
2. To create a category:
   - Tap the left soft key **New**
   - Enter a name, then press **Done**.
3. To delete a category:
   - Tap the right soft key **Menu** → **Delete.**
   - Tap a category or categories to mark them for deletion, then press **Done**.
4. To assign contact(s):
   - From the Category list, tap a category to select it.
   - Tap the left soft key **Add member**, then tap contact(s) to mark them.
   - Tap the left soft key **Done** to add the contact(s) to the category.



Speed dial

Speed dial can be used to quickly dial contacts that you talk to the most. by pressing up to two numeric keys.

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** → **Speed Dial.**
2. To set a speed dial number:
   - Tap the left soft key **New**.
   - From the list of contacts, tap an entry for speed dial assignment.
   - From **Select phone number**, select one of the phone numbers.
   - **Select a Location** by tapping an available location (2 - 94).
3. To **edit** a speed dial number, tap **Menu** for these options:
   - **Move**: Drag and drop the speed dial entry to a new position.
   - **Delete**: Mark entries for deletion.
   - **Exit**: close My Contacts and return to the home screen.



Note: Memory locations 2-94 are available for speed dialing. Locations 1, 95, 96, 97, 98 and 99 are pre-configured and cannot be altered.

Favorites

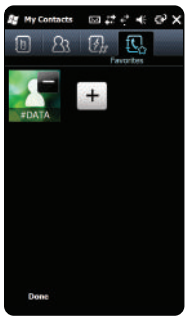
Favorites allows you to create shortcuts to favorite contacts.

After you've created the Favorites shortcuts, they can be accessed via these methods:

- The **My Favorites** widget , which can be placed on a home screen to quickly call or send a message to a Favorite.
- The Favorites button in the Dialer.

To create Favorites:

1. Press the **Main Menu** key → **Main Menu 1** → **My Contacts** .
2. Tap the **Favorites** tab → **Edit**.
3. To **add** a Favorite, tap the Plus key, then choose a contact to associate.
4. To **delete** a Favorite, tap the Minus key on the Favorite.
5. Tap the left soft key **Done**.



Section 8: Messaging Applications

This section discusses the types of messages you can send and receive, how to set up your phone to work with E-mail and how to send E-mail messages using different types of connections.

Types of Messages

Your Omnia II is capable of sending

- Text (SMS)
- Multimedia (MMS)
- E-mail
- Mobile IM

Threaded Messages

When you exchange text messages with a friend or colleague, the messages are threaded together into a single conversation, so you can view the entire conversation as you type.

Creating and Sending Messages

1. Press the **Main Menu** key → **Main Menu 1** → **Messages** .
2. Select **Messaging** from the pulldown menu at top left.
3. Tap the right soft key **Menu** → **New**.

Note: Use the **New Message** widget to quickly start a new message from a home screen.

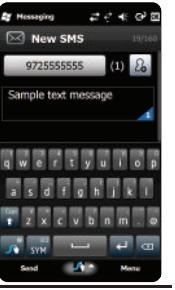
4. Tap **Tap to add recipients** and select a source:
   - **PhoneBook**: Add a recipient from your Phonebook.
   - **Call Log**: Add a recipient from recent calls in the Call Log.
   - **Group**: Send a message to a group or a group member.
   - **Enter Manually**: Add a recipient manually. Enter a semicolon between multiple contacts. As you enter the phone number or email address, matching contacts will appear on screen.
   - **To Online Album**: Send a message to an online blog.

   Tap **To** to switch to the CC or BCC list for recipients.

   Tap the left soft key **Done** to continue.

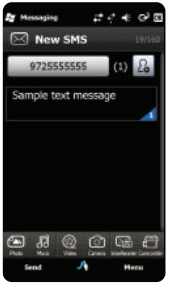
Note: You can adjust the size of text displayed in Messaging in the Display Settings. For more information, see **Text Size** on page 140.

5. Tap the message body field and enter your message. The virtual QWERTY keyboard will appear on screen for your text entry.
6. When you finish the text entry, tap the left soft key **Send** to send the message as an SMS text message.



Note: SMS messages have a 160-character limit per page. If you send a text message with more than 160 characters, it will be divided into separate messages.

7. To insert a file and convert the message to MMS, tap the center soft key to hide the QWERTY keyboard.
8. Tap a media icon (at the bottom of the screen).
   - **Photo**: Insert a photo from images stored on the phone.
   - **Music**: Attach a music file. Supported formats include: MP3, MID, MIDI, MMF.
   - **Video**: Attach a video from files stored on the phone.
   - **Camera**: Take a new picture and attach it to the message.
   - **Voice Recorder**: Record a voice message and attach it to the message.
   - **Camcorder**: Record a video for attachment.



Note: When you add a multimedia file, the message is changed to MMS format, and you're prompted to confirm this change.

9. When the message is changed to MMS, a Subject field is added by default. Enter a **Subject**, if desired
10. Tap the left soft key **Send** to send the message.

New SMS Messages Features

▶ While creating a new message, tap the right soft key **Menu** for these features:

- **Add Subject**: Create a subject field for this message.
- **Insert**: Converts to an MMS message, to attach Picture, Sound, Video, New Picture, New Sound, New Video, Quick Text, Emoticon, Contact, Appointment or MMS Template.
- **Attach**: Attach vCard, vCalendar or File to the message.
- **Edit Page**: Add a page to the message, or set the Page Duration.
- **Save to**: Saves the message in Drafts, or as an MMS Template.
- **Cancel Message**: Cancels the new message.
- **Message Options**: For descriptions, see *"Text Message Options"* on page 66..

New MMS Message Features

Several features are available when creating a new Multimedia (MMS) message.

▶ While creating a new MMS message, tap the right soft key **Menu** for these features:

- **Preview**: View the new MMS message prior to delivery.
- **Delete Subject**: Delete the Subject field from this message. A Subject field is automatically added when the message is changed to MMS, but is not required for sending.
- **Insert**: Insert a Picture, Sound, Video, New Picture, New Sound, New Video, Quick Text, Emoticon, Contact, Appointment, or MMS Template to this message.
- **Attach**: Attach a vCard, vCalendar or File.
- **Edit Page**: Add, Delete or Order pages, set Page Duration, and move a Page Up or Down within the message.
- **Save to**: Save this MMS message as a Draft or MMS Template.
- **Cancel Message**: Discard the current MMS message.
- **Message Options**: Set options for all MMS messages. For descriptions, see *"MMS Message Options"* on page 67.

Message Options

Message Options allow you to define options for all messages sent or received on your phone. To access message options, use the following steps:

Text Message Options

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Messages** .
2. Select **Messaging** from the pulldown menu at top left.
3. Tap the right soft key **Menu** ➔ **Text Message Options** to set these options:
   - **Priority**: Choose whether messages are sent with Normal or Urgent delivery.

- **Auto Save Sent**: Saves sent messages sent to the Sent box. Choose Yes, No or Prompt to be prompted to save each message.
- **SMS Callback Number**: Includes a telephone number for recipients to call you back; you can use your phone's number or enter a new number. Tap On or Off to enable or disable the option, and enter/edit the number.
- **Delivery Report**: Reports on the delivery status of your message (if the recipient's system supports this feature).

MMS Message Options

1. Press the **Main Menu** key → **Main Menu 1** → **Messages** .
2. Select **Messaging** from the pulldown menu at top left.
3. Tap the right soft key **Menu** → **MMS Options**.
   - **Sending**:
     - **Priority**: Set default priority for messages to Urgent, Normal or Low.
     - **Expiration**: Choose expiration period for outgoing messages, from None, 6 Hours, 1 Day, 2 Days, 1 Week, 2 Weeks, or set a Custom time.
     - **Delivery time**: Choose whether messages are sent Immediately, after 1 Hour, 1 Day or 1 Week.
     - **Message size**: Set the default maximum message size, from 95 KB, 300 KB, 495 KB or 1195 KB.
     - **Auto Save Sent**: Saves sent messages to the Sent box. Choose Yes, No or Prompt to be prompted to save each message.
     - **MMS Callback Number**: Includes a telephone number for recipients to call you back; you can use your phone's number or enter a new number. Tap On or Off to enable or disable the option, and enter/edit the number.
     - **Request delivery report**: Request delivery report from the recipient's system.
     - **Request read report**: Request read report from recipient's system.
   - **Receiving**:
     - **Home network**: For downloading of messages while on the home network, choose Auto download, Manual or Reject.
     - **Roaming network**: For downloading of messages while not on the home network, choose Auto download, Manual or Reject.
     - **Send delivery report**: Send a delivery report if requested by recipient.
     - **Send read report**: Sends a read report when you read the message, if requested by the recipient.
     - **Auto Erase**: Erases the oldest message of the same type when the maximum number of messages of the type is exceeded in the Inbox.
   - **Advanced**: Choose **Warn before message type change** to have the phone warn you when the message type changes from SMS to MMS.
   - **About**: View information about Samsung messaging.

Text Messages Retry

Text Messages Retry provides a way to re-send messages that could not be sent because of lack of coverage. When you return to a coverage area, use Text Message Retry to send the messages.

1. Press the **Main Menu** key → **Main Menu 5** → **Text Messages Retry** .
2. The list of unsent messages appears. Tap the right soft key **Menu** for these options:
   - **Retry**: Try to send the message.
   - **Dismiss**: Remove this message from the retry list.
   - **Dismiss All**: Remove all message sfrom the retry list.
   - **Refresh**: Refresh the retry list.
   - **Detail**: View details for this message.

Message Folders

All messages are stored on the phone in the Message folders.

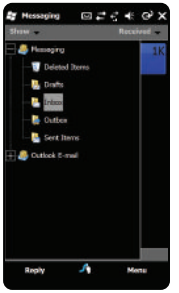
1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Messages** .
2. At the top left of the screen is an **Inbox** drop-down menu. Tap this arrow to display a menu tree listing folders for the following message types:
   - **Messaging**: text, picture and video messages
   - **Outlook E-mail**: e-mail from Outlook.

Note: You can create additional e-mail accounts, which will be displayed as separate message folders here. For more information, refer to *"Using an ISP for E-mail"* on page 73.

3. Tap any of the folders within any of the account trees to viewits contents.
4. Tap the drop-down menu at the top right of the screen to sort the folder contents by **Message Type**, **From** field, **Received** date, or **Subject**.

The folders and their functions are similar to the folders in the ActiveSync directory, except for Outbox. In ActiveSync, E-mail is stored in the Outbox until you synchronize with your PC.

In Messaging, new messages are stored in the Outbox folder until message sending is complete.



There are five folder types in the Messaging and Outlook E-mail directories:

- **Deleted Items**: Messages deleted from other folders. When removed from the Deleted Items folder, messages are permanently erased.
- **Drafts**: Incomplete messages, or those saved to be sent later.
- **Inbox:** Incoming messages, which are stored in the Inbox until deleted. If memory is full, new messages are rejected. Delete older messages to free up space for incoming messages.
- **Outbox:** When you send a message, it is stored in the Outbox until the message sent is complete.
- **Sent Items**: All sent messages selected for storage.

Note: You can adjust the size of text displayed in Messaging in the Display Settings. For more information, see **Text Size** on page 140.

Viewing Messages

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Messages** .
2. Select **Messaging** from the pulldown menu at top left.
3. Tap a message to view it, and to see other messages in the thread.
4. For MMS messages, tap the attachment to view it.

Note: You can adjust the size of text displayed in Messaging in the Display Settings. For more information, see **Text Size** on page 140.

Received Messages Options

Several options are available while viewing a list of received messages.

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Messages** .
2. Select **Messaging** from the pulldown menu at top left.
3. All your messages are displayed on screen. While viewing the list of messages, tap the right soft key **Menu** for these options:
   - **New**: Create a new message.
   - **Delete**: Erase the highlighted message/conversation.
   - **Mark as Read/Unread**: Change the status of the highlighted message.
   - **Move**: Move the message to other folders.
   - **Delete All**: Erase all messages from the inbox, drafts, outbox and sent items folders.
   - **Delete All Read**: Erase only viewed messages.
   - **Go To**: Switches to another message account or message folder. Select Folders, Messaging, Outlook E-mail, or another E-mail account you've set up.
   - **Tools**:
     - **Sort By**: List by Message Type, From, Received, or Subject.
     - **Manage Folders**: Select folders for synchronization and create or modify folders.
     - **Clear "Messaging"**: Erases messages from Inbox and Sent Items.
     - **Empty Deleted Items**: Permanently delete all items in Deleted Items.
     - **New Account...**: Set up a new E-mail account.
     - **Options...**: Accesses Microsoft option settings for Messaging.
   - **Select Messages**: Select All, All Below, or Several messages from the folder for further action.
   - **Message Info**: Display information about the message.
   - **Text Message Options**: see *"Text Message Options"* on page 66.

- **MMS Options**: see *"MMS Message Options"* on page 67.
- **Reply/Forward**: Send a reply to the sender and/or all other recipients, or forwards the message to other recipients.

Note: You can also touch and hold on a message to choose from a pop-up menu of options.

Read SMS Message Options

Several options are available while reading an SMS message.

1. Press the **Main Menu** key → **Main Menu 1** → **Messages** .
2. Tap a message to read it, then tap **Menu** for these options:
   - **Delete**: Delete this message.
   - **Move**: Move the message to other folders.
   - **Forward**: Send this message to another recipient.
   - **Insert**: Insert a Picture, Sound, Video, New Picture, New Sound, or New Video.
   - **My Text**: Insert a My Text text phrase to reply to the message.
   - **Save to Drafts**: Save this message in Drafts.
   - **Spell Check**: Check the spelling in this message.
   - **Close**: Close the message.
   - **Message Options**: Request message delivery confirmation, set the Priority, and choose to send a callback number.
   - **MMS Options**: For more information, see *"MMS Message Options"* on page 67.
   - **Select Messages**: Select All or Several messages for further action.

Note: You can also touch and hold on a message to choose from a pop-up menu of options.

Read MMS Message Options

Several options are available while reading an MMS message.

1. Press the **Main Menu** key → **Main Menu 1** → **Messages** .
2. Tap a message to view it, then tap **Menu** for these options
   - **Stop**: Stops playing the message, if playable media is attached.
   - **Delete**: Deletes the message.
   - **Reply**: Sends a reply to the sender.
   - **Reply All**: Sends a reply to all recipients of the message.
   - **Forward**: Forwards the message to another recipient.
   - **Mark as Unread**: Mark a message that has been read as unread. Unread messages display in bold font.
   - **Resend**: If the message fails to be sent after its initial delivery, this options allows you to resend the last outgoing message.

- **Message Info**: Shows you information about the message, such as subject, date and time, senders email address or phone number, size, expiration date, and message type.
- **Save to Contacts**: Saves the sender's information to Contacts.
- **Save as MMS Template**: Saves the message as a template.
- **Attachments:** View and/or save all attached media files.
- **Call Sender**: Return a call to the sender of the message.

Note: You can also touch and hold on a message to choose from a pop-up menu of options.

Quick Text

Quick Text is a default text phrase you can quickly insert into the body of a new message or as a response to a received message. Use the Quick Text as-is, or add your own text.

1. Create a new text message. For more information, refer to *"Creating and Sending Messages"* on page 64.
2. Tap the right soft key **Menu** ➔ **Insert** ➔ **Quick Text**.
3. Tap a desired message from the list:
   - What's up?
   - Wanna meet up?
   - Check this out!
   - Whatcha doin?
   - Want to get together later?
   - On my way
   - You're the best!
   - Call me
   - I love you!
   - Miss you!
   - Where are you!
   - Good morning!
   - Good night
   - How are you?
   - Thanks
4. Tap **Select**. The selected Quick Text is inserted into the body of the message. Use the Quick Text as-is, or add your own text to complete the message.
5. To **edit** a Quick Text entry:
   - Tap the right soft key **Menu** ➔ **Insert** ➔ **Quick Text**.
   - Tap a **Quick Text** entry to highlight it.
   - Tap **Menu** ➔ **Edit Quick Text**.
   - Edit the **Quick Text**.
   - Tap **OK** to save your changes and return to the message.
6. To create a **new** Quick Text:
   - Tap the **Plus** button at the top right of the **Insert Quick Text** screen.

- Enter the new **Quick Text**.
- Press the left soft key **Done** to save the new **Quick Text**.

7. Tap the **Send** soft key to transmit your message to the selected recipients.

E-mail

E-mail can be sent and received using Outlook via ActiveSync, or you can use your ISP account.

Note: For more information on how to wirelessly sync E-mail, refer to the Wireless Sync documentation included on the Companion CD.

1. Press the **Main Menu** key → **Main Menu 1** → **Email** .
2. The first time you access the E-Mail application:
   - Tap **Messaging** to view the Messaging folders.
   - Tap **Setup E-mail** to configure a new account.
3. After setting up your E-mail accounts, the E-Mail application will take you directly to the folders for your account(s).

Note: You can adjust the size of text displayed in Messaging in the Display Settings. For more information, see **Text Size** on page 140.

Using an ISP for E-mail

You can configure your Omnia II to send and receive E-mail directly using an Internet Service Provider (ISP), without connecting to your PC.

1. Press the **Main Menu** key → **Main Menu 1** → **Email** .
2. Tap **Setup E-mail** to launch the E-mail Setup screen and begin the setup process.
3. Follow the prompts to enter your account credentials and complete the setup.

Using Outlook for E-mail

You can synchronize Outlook on your PC with your Omnia II using ActiveSync, allowing you to read and compose e-mails off-line on your Omnia II. E-mails composed off-line are sent the next time you synchronize.

You'll need to first install ActiveSync on your PC and set up a Standard Partnership with your Omnia II, then synchronize your Omnia II with your PC. For more information, refer to *"Setting Up a Partnership"* on page 110.

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Email** .
2. Choose **Outlook E-mail** from the pull-down **Folders** list at the top left. You can see the Outlook folders that appear on your PC.
3. To create a new E-mail, tap the right soft key **Menu** ➔ **New**. When you're finished, press the left soft key **Send**. The E-mail will be sent the next time you synchronize with AutoSync.
4. Tap **Menu** for options:
   - **New**: Create a new E-mail.
   - **Reply/Forward**: Choose Reply, Reply All or Forward.
   - **Mark as Read/Unread**: Change the status of the E-mail.
   - **Follow up**: Choose from Set Flag, Complete Flag or Clear Flag.
   - **Move...**: Move the message to other folders.
   - **Go to**: Navigate to Folders, Messaging, or Outlook E-mail.
   - **Tools**:
     - **Sort by**: Choose sort method for message lists.
     - **Manage Folders**: Choose folders for synchronization. Tap and hold a folder name to create a new folder, or modify an existing folder.
     - **New Account...**: Allows you to set up a new Outlook E-mail account.
     - **Options...**: Displays Security..., Signature...and Account options.
   - **Select Messages**: Choose All, All Below the highlighted message, or Several.
   - **Send/Receive**: Activate AutoSync (if Omnia II is connected to PC) and send and receive messages.

Mobile Email

The Mobile Email application provides access to personal email services like Yahoo, Windows Live, and AOL.

Note: Contact Verizon Wireless for more information, or to purchase Mobile Email service.

1. Press the **Main Menu** key → **Main Menu 2** → **Mobile Email** .
2. Click on the **Download Email & Web for Smartphone** link to download and install the Mobile Email application on your phone.
3. Follow the prompts to enter your credentials for your ISP E-mail provider.

Mobile IM

The Instant Messaging function allows you to send and receive instant messages using one of the following communities:

- AIM™
- WL Messenger
- Yahoo!®

Note: You must first create the Instant Message account before accessing it on your phone.

1. Press the **Main Menu** key → **Main Menu 2** → **Mobile IM** .
2. Tap **Accept** to accept the Mobile IM Terms and Conditions.
3. Select your instant message community and use the community-specific functions and options for the instant message applications.

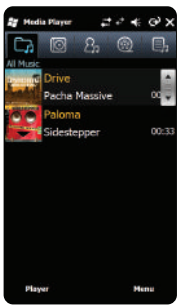
Section 9: Multimedia and Music Applications

The applications described in this section allow you to manage, play and view multimedia content, such as music and videos.

Media Player

Media Player offers a single interface to play and view your music and video files.

1. Press the **Main Menu** key → **Main Menu 1** → **Media Player**.
2. Media Player prompts you to search for new files by tapping the left soft key **Search**. Searched files are added to Media Player's library. Click **Done** to display the Library.



Standard Mode

3. Rotate the phone to Landscape mode, to scroll through a 3-D array of items.

Landscape Mode

4. Media files are displayed on five tabs in the Library:
   - **All Music**: All music files in the Library.
   - **Album**: Music sorted by album.
   - **Artist**: Music sorted by artist.
   - **Video**: All videos.
   - **Playlist**: Playlists you've created.

Landscape Mode

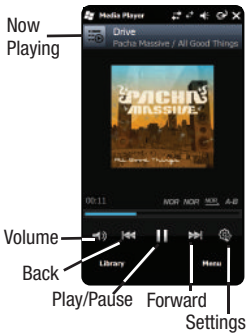
You can rotate the phone to landscape mode for optimal viewing of the Library or watching videos. When viewing the Library, items are displayed in a scroll view. In scroll view, you can swipe to scroll through the selections, using your finger or the stylus.

On the **All Music**, **Albums**, and **Artist** tabs, album covers are displayed.

On the **Videos** tab, videos are displayed as DVD covers.

Play Files

1. Press the **Main Menu** key → **Main Menu 1** → **Media Player**.
2. Tap a tab to list items, then tap an item to play it.
3. Tap **Play/Pause** to start and stop playing.
4. Tap **Back** to move to the previous file. Touch and hold **Back** to scan backward through the file.
5. Tap **Forward** to move to the next file. Touch and hold **Forward** to scan forward through the current file. To adjust the playing volume, tap **Volume**, then drag the slider to the desired level.



Note: You can also adjust volume using the Volume key on the side of the phone.

6. Tap **Menu** for these options:

- **V CAST Music Rhapsody**: Launches V CAST Music with Rhapsody.
- **V CAST Videos**: Launches V CAST Videos.
- **Play via Connected Home**: Streams multimedia files from memory to other Digital Living Network Alliance (DLNA) certified devices.

Note: For more information, refer to *"Connected Home"* on page 88.

- **Set as Ringtone**: Sets the selected audio file as a ringtone.
- **Audio Effect**: Choose to use DNSe or SRS audio effects, or None. Some options are only available when using headphones or headset.
- **Update**: Search for new audio and video files on your Omnia II.
- **Options**: Set Resume playback after a phone call, Pause playback while using another program, Show time as, and Image ratio adjustment.
- **Properties**: Displays properties for this media file.
- **Exit**: Closes the Media player.

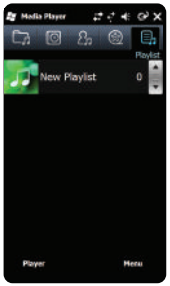
7. Tap **Settings** to customize your playback:

- Tap **DNSe** to select Digital Natural Sound engine settings: Normal, Rock, Jazz, Live, Classic, Full Bass, Concert Hall, Wide, Bass Enhancement, Music Clarity, Externalization, or m-Theater Movie.
- Tap **SRS** to set SRS audio effects: Normal, WoW HD for improved playback quality, or CS-HP (CS Headphone), available when using headphones or headset).

- Tap **Shuffle and Repeat** to set the play mode: Normal, Repeat 1, Repeat All, or Shuffle.
- Tap **A-B Repeat** to set a repeat period: A->B sets the start point. A<->B sets the end point. A-B plays through the entire track.

Create a Playlist

1. Tap **Menu** ➔ **New Playlist**.
2. Tap **Name** to enter a name for the new playlist.
3. Tap **Photo** to assign a photo to the playlist, if desired.
4. Click the left soft key **Done** to create the playlist. The new playlist appears in the Playlists tab of Media Player.



5. While viewing the list of playlists, tap **Menu** for these options:
   - **New Playlist**: Create a new playlist by entering a Name and selecting a photo, if desired. Tap **Done** when finished.
   - **Delete**: Mark playlists for removal, then tap **Done** to delete them.
   - **Add to Now Playing**: Choose playlists to play, then tap **Done**.
   - **Options**: Make general playlist selections, including Resume playback after a phone call, Pause playback while using another program, Show time as, and Image ratio adjustment. After making selections, tap **Done** to save your changes.
   - **Exit**: Close Media Player

Managing Playlists

Add Songs to a Playlist

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Media Player** ➔ **Playlist** .
2. Tap a playlist, then tap **Add** + to choose songs from the **Library**.

Add Songs from the Library to a Playlist

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Media Player**.
2. Tap the right soft key **Menu** ➔ **Add to Playlist**.
3. Tap song(s) you want to add, then tap the left soft key **Done**.
4. Tap the playlist to add the selected songs.

Edit a Playlist

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Media Player** ➔ **Playlist** .
2. Tap the playlist you want to edit.
3. Tap the right soft key **Menu** for these settings:
   - **Edit**: Change the name or photo of the playlist. Make selections and tap **Done** to save your changes.
   - **Move**: Change the order of songs in the playlist. Touch and hold the song, then drag it to a new position in the list. Tap **Done** to save the changes and return to the playlist.
   - **Delete**: Mark song(s) for deletion. Tap **Done** to complete the deletion.
   - **Add to Now Playing**: Mark songs to add to the Now Playing list. Tap **Done** to return to the playlist.

Managing Media Files

Delete Music Files

Music files can be deleted using the **My Files** application. For more information, refer to *"My Files"* on page 108.

Music files are stored in these locations on your phone:

- **For mobile downloads**:
  – **My Device** folder ➔ **My Music** folder.
- **For PC transfers**:
  – **My Device** folder ➔ **Music** folder
  – **My Storage** folder ➔ **Music** folder.

Note: If you delete music you've purchased with V CAST Music with Rhapsody, you can simply re-sync with your PC to add the song back to your phone.

Delete Video Clips

1. Press the **Main Menu** key ➔ **Main Menu 1** ➔ **Media Player** ➔ **Video** .
2. Tap the downloaded video you want to delete and touch **Done**.
3. At the **Erase video?** pop-up, tap **Yes** to confirm the deletion of the video.

Other Playback Controls

Mini Player Widget

1. Tap the **Mini Player** widget on the Widget Bar to move the widget to a home screen.
2. When the Media Player is active, the song title is displayed, and you can use the **Back**, **Play/ Pause** and **Forward** controls Tap the **Mini Player** widget to go to Media Player.

Task Switcher

Note: For more information, see *"Task Switcher Playback Controls"* on page 102.

▶ Press and hold the **Main Menu** key to launch **Task Switcher**.

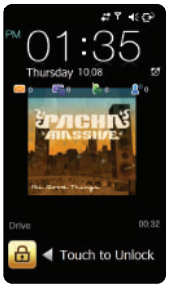
– or –

▶ Press the **Main Menu** key , then tap the center soft key **Task Switcher**.

Lock Screen

The **lock screen** offers playback controls when music is playing and the display is locked.

1. Album art, song title, and elapsed time are displayed.
2. To display Volume, Back, Play/ Pause and Forward controls for 5 seconds:
   - Swipe your finger or stylus from the top of the screen toward the center.
   - Press the Main Menu button.



V CAST Music with Rhapsody

(Subcription, Wireless & PC Downloads)

V CAST Music with Rhapsody is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites from an extensive catalog.

Download V CAST Music with Rhapsody to your PC to sync tracks, albums and playlists with your Omnia II, while managing your existing music library all on one place, on your PC.

When you purchase music using your wireless device, you also get a second copy that can be downloaded to your PC from the V CAST with Rhapsody software.

Note: Per-song charges apply.

Download Music to your Phone

1. Tap the **V CAST Music with Rhapsody** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **V CAST Music with Rhapsody** .

2. The first time you use the application, you will be prompted to accept the terms and conditions.

3. Select a category: **What's New**, **What's Hot**, **Features**, **Recommended**, **Browse** or **Download**.

4. Tap **Search** to enter criteria to search for music.

5. Tap **My Music** to launch **Media Player** to play files.

6. Browse for songs, and tap a song title to highlight it.

7. Tap **Preview** to hear a 20-second sample of the song.

8. Tap **Buy** to purchase the song. You will be prompted to confirm the purchase. Follow the prompts to download.

9. When downloading, you will have the option to download to your **My Storage** or to the **Memory Card** (recommended). After choosing a location, the download will commence.

10. Touch **Play this Song** to play the downloaded song immediately, or press **Back** to return to the previous screen.

Note: If you play the song, it will be added to the Library automatically. If you do not play the song, it is not added to the Library, and the next time you open Media Player you'll be prompted to Search to update the Library.

Download Music to your PC

Install V CAST Music with Rhapsody on your PC

V CAST Music wth Rhapsody is compatible with Windows® Vista, XP or 2000 (32-bit versions only). MacOS and Linux are not supported. See complete system requirements and download V CAST Music with Rhapsody for free at www.verizonwireless.com/music. Follow the online instructions and prompts to install V CAST Music with Rhapsody.

1. Open **V CAST Music with Rhapsody** and log in.
2. Once logged in, you can:
   - Download a PC copy of a track purchased over the air.
   - Purchase songs or albums.
   - Add subscription music to your Library.

   To download a PC copy:

Note: For each V CAST Music with Rhapsody track you've downloaded to your phone, you can download a copy to your computer at no additional charge.

   - Tracks available for download will pop up upon log-in completion.
   - Check the boxes of songs you wish to download.
   - Select Download Tracks.

   To purchase music:

   - Browse the catalog and select the track or album you wish to purchase.
   - Re-enter your password.
   - Confirm the purchase, and the download will begin shortly.

   To add subscription music:

   - Add music to your collection by simply dragging and dropping it to My Library or, if connected, your V CAST Music with Rhapsody subscription-cabable device (both found under Sources). This can also easily be done by clicking on the Add button next to each song.

Sync Music from your PC to your Omnia II

With your Omnia II and **V CAST Music with Rhapsody** installed on your PC, you can sync your music from your PC to your phone.

Note: To transfer licensed music from your PC to your Omnia II, you must install V CAST Music with Rhapsody and either Microsoft ActiveSync (for Windows versions prior to Windows Vista) or Windows Mobile Device Center (for Windows Vista) on your PC.

Note: For best syncing results for non-Windows 7 users, install the patch available at: http://support.microsoft.com/kb/935551.

---

1. Open **V CAST Music with Rhapsody** on your PC.

2. Plug the USB cable into your phone and connect it to a USB port on your PC.
3. Allow ActiveSync or Windows Mobile Device Center to recognize your device. Your device is now available under **Sources**.
4. Drag and drop the song(s) you want to sync from **My Library** to your V CAST mobile phone, listed under **Sources**.
5. Once synchronization is complete, right-click on the device name and select **Disconnect** and click **OK**. You can now safely disconnect the USB cable from the USB port on your PC.

V CAST Song ID

V CAST Song ID provides the title, artist and album for virtually any recorded music.

1. Press the **Main Menu** key → **Main Menu 2** → **V CAST Song ID** .
2. The first time you start V CAST Song ID, you'll be prompted to download and install the application. Follow the prompts to install and use V CAST Song ID.

Note: Airtime or download charges may apply for using V CAST Song ID.

VZW Tones

VZW Tones allows you to preview, download and manage sound clips of your favorite songs as ring tones for your Omnia II.

1. Press the **Main Menu** key → **Main Menu 2** → **VZW Tones** .
2. The first time you start VZW Tones, you'll be prompted to download and install the application. Follow the prompts to install and use VZW Tones.

Note: Airtime or download charges may apply for using VZW Tones.

V CAST Videos

V CAST is the next-generation wireless technology that unveils a whole new multimedia experience at your fingertips, provides access to vibrant, full-color content from some of the biggest names in entertainment. V CAST is your link to video on demand, which allows you to view or download video clips that contain breaking news, sports highlights, weather and more.

Browsing, Selecting and Playing Video Clips

1. Tap the **V CAST Videos** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **V CAST Videos** .

2. Tap the video category of your choice, then tap selections to access video titles.
3. Tap a video title to play the video clip.
4. Tap **Search** to enter criteria to search for videos.
5. Tap **My Videos** to launch **Media Player**.
6. Tap **Options** for these options:
   - **Manage Subscription**: Add or remove premium subscriptions.
   - **Alerts**: View **Received Alerts** sent to your device, or **Configure Alerts** to notify you of new or upcoming videos.
   - **My Videos**: Launch Media Player to view and manage videos downloaded and saved to your device.
   - **About**: View information about the V CAST Videos application.

Note: Rotate the phone to for optimal viewing in landscape mode.

Downloading a Video Clip

1. Tap the **V CAST Videos** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **V CAST Videos** .

2. Browse the desired content providers and tap a provider.
3. Tap a video title that you want to view. A pop-up notification will ask you to agree to any charges for the video, to proceed with the streaming. Tap **Yes** or **No**.
4. If you tap **Yes** to proceed, the video downloads.When the download is complete, the video automatically plays.

Managing Videos with Media Player

Use Media Player to manage and play videos you've downloaded to your phone. For more information about using Media Player, see *"Media Player"* on page 76.

Streaming Player

Streaming Player provides a handy way to view streaming video content, right on your Omnia II.

Note: Use Streaming Player to play YouTube videos when accessing the YouTube mobile site.

---

1. Press the **Main Menu** key → **Main Menu 5** → **Streaming Player** .
2. Tap **Menu** → **Open** to enter the URL for the streaming website. Tap **Connect** to connect to the server.
3. While viewing video, tap **Menu** for additional options:
   - **Full Screen**: Display video on full screen.
   - **Auto Full Screen**: Show videos full-screen automatically.
   - **Effect:** Select video effects.
   - **Options**: Set RTSP and Proxy settings.
   - **Properties**: Display information about the current video.
   - **About**: Display information about Streaming Player.
   - **Exit**: Close Streaming Player.

VZ Navigator

VZ Navigator uses GPS positioning to tell you where you are, what's nearby, and to give you directions - quickly and easily. With audible turn-by-turn directions, you can locate nearly fourteen million points of interest in the U.S., including landmarks, restaurants, and even ATMs.

Note: VZ Navigator requires service activation. Airtime or download charges may apply for using VZ Navigator. Contact Verizon Wireless for more information.

▶ Tap the **VZ Navigator** widget .

– or –

▶ Press the **Main Menu** key → **Main Menu 1** → **VZ Navigator** .

The first time you start VZ Navigator, you'll be prompted to download and install the application. Follow the prompts to install VZ Navigator.

Tip: You must have enabled **GPS Location On** to use VZ Navigator. For information about enabling this setting see **General Settings** → **GPS** on page 141

FM Radio

FM Radio allows you to listen to your favorite radio stations with your phone.

Note: To use FM Radio, you must plug the included FM antenna/Microphone adapter into the Headset Jack on the side of the phone.

To activate **FM Radio** via widget:

1. From the **Widget Bar**, tap the **FM Radio** widget to move it to the **home screen**.
2. Tap the widget to open **FM Radio**.

To activate **FM Radio** from the Main Menu:

1. Press the **Main Menu** key → **Main Menu 3** → **FM Radio** .
2. **FM Radio** will automatically begin a scan for radio stations.

FM Radio Controls

Use these controls to play radio stations:

- **Scanning**:
  - To **automatically scan** for channels and save them as favorites, tap the left soft key **Scan** .
  - To **manually scan** available channels, drag the tuner's slider or tap the **Plus** and **Minus** icons. To save a favorite, tap a favorite button.
- To adjust the volume, tap **Volume** , then drag the slider on the scale.
- To switch sound output between the headphones/headset and the phone's speaker, tap **Headphone** **/Speaker** .
- To record from the radio, tap the right soft key **Menu** → **Record**.

FM Radio Options

Tap the right soft key **Menu** → **Options** for these settings:

- Tap **Region** to select a geographical location.
- Tap **Alternative Frequency** to use an alternative frequency.
- Tap **Turn radio off while using another program** to have FM Radio automatically turned off when you open another program.
- Tap **Turn radio on again after a phone call** to have FM Radio automatically turn on after you end a call.
- Tap **Record location** to set a default storage location when recording from the radio. Choose from: **My Storage**, **My Device**, **Storage Card**

Connected Home

Connected Home allows your phone to stream photos, music and videos from its memory to other Digital Living Network Alliance (DLNA) certified devices. Your phone can also play digital content streamed from other DLNA certified devices.

Connect to a Wi-Fi server before starting Connected Home, and the server will be available as a source for content.

Note: To view more information about DLNA certified products visit **www.dlna.org/home**.

---

1. Press the **Main Menu** key → **Main Menu 5** → **Connected Home** .
2. Tap **SELECT CONTENTS** to choose a source and media to play. Browse for content on the server.
3. Tap **SELECT PLAYER** to select a player.
4. Use the controls to play the content.

5. Tap **Menu** → **Settings** to configure Connected Home:
   - **My device name**: Displays the name of your device.
   - **My media Sharing**: Enable or disable sharing from your phone.
   - **Sharing Folders**: Select up to 3 folders on your phone to share.
   - Tap **Change...**: Select a Download location for files downloaded to your phone.
   - Tap **Switch Access Network** to select a network for access to content. You will need to turn on Wi-Fi service to set this option.

Note: To switch to an Access Network, you'll first need to set up the network in Wi-Fi Settings. After setup, the network will be available for selection in Connected Home.

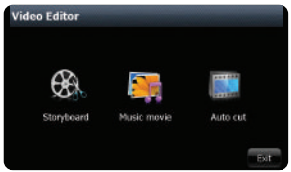
---

6. Tap the left soft key **Done** to save the settings.

Video Editor

Video Editor allows you to create custom, interactive slide shows with music and effects.

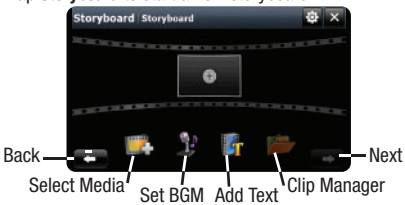
▶ Press the **Main Menu** key → **Main Menu 5** → **Video Editor** .



Storyboard

Use Storyboard to create a multimedia slide show using pictures, videos and music stored on your phone.

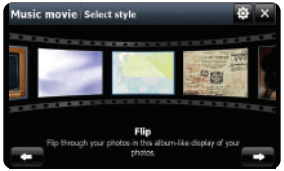
1. Tap **Storyboard** to start a new storyboard.



2. Tap **Select Media** to choose pictures and video.
3. Tap **Set BGM** to choose background music.
4. Tap **Add Text** to create a slide to display text.
5. Use **Clip Manager** to arrange pictures and videos.
6. Tap **Settings** for these options:
   - **Resolution**: Automatic, 176X144, 320X240 or 640X480.
   - **Save Mode**: Normal, or MMS (176X144)
   - **Save in**: My Device, My Storage, or Storage Card.
7. When you are finished, tap **Next** to **Preview** the storyboard.
8. Tap **Save** to save the slide show.

Music movie

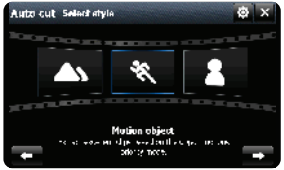
Use **Music movie** to create your slide show with one of the provided formats.



1. Choose a format: **Blackboard**, **Color Flow**, **Flip**, **Motion**, **Old Film**, **Running**, **Slippage**, **Spin**, **Splash**, or **Sunshine**.
2. Tap **Settings** for these options:
   - **Resolution**: Automatic, 176X144, 320X240 or 640X480.
   - **Save Mode**: Normal, or MMS (176X144)
   - **Save in**: My Device, My Storage, or Storage Card.
3. Tap **Next** to select photos for the Music movie.
4. Tap photos to mark them for selection, then tap **Next** to select the photos.
5. Tap **Next** to **Set Background Music (BGM)**.
6. Tap **Next** to **Add movie title**.
7. Tap **Next** to **Preview** the music movie.
8. Tap **Save** to save the music movie.

Auto cut

Auto cut allows you to process your video clips to extract images.



1. Select a style: **Landscape**, **Motion object**, or **Portrait**.
2. Tap **Settings** for these options:
   - **Resolution**: Automatic, 176X144, 320X240 or 640X480.
   - **Save Mode**: Normal, or MMS (176X144)
   - **Save in**: My Device, My Storage, or Storage Card.
3. Tap **Next** to **Select video** for processing.
4. Tap **Next** to process the selected video(s) and proceed to **Preview**.
5. Tap **Save** to save the movie.

Section 10: Document Applications

This section introduces document applications included with your phone. You can view different documents formats, access word processing and spreadsheets documents, and even instant message others using the preloaded applications on your Omnia II.

Your Omnia II is an integrated communication device with the power of a mobile phone and the intelligence of a PC. Your Omnia II is loaded with familiar Microsoft® Office Mobile applications, like Excel Mobile, OneNote Mobile, PowerPoint Mobile, Word Mobile, and other specialty applications.

Office Mobile

MS Excel Mobile

MS Excel Mobile works with Microsoft Excel on your computer to give you easy access to copies of your workbooks. You can create new workbooks or copy workbooks from your computer to your Omnia II. Synchronize workbooks between your computer and your Omnia II to ensure that you have the most up-to-date content in both locations. MS Excel Mobile also provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering.

Create a New Workbook

1. Press the **Main Menu** key → **Main Menu 4** → **MS Excel Mobile** .
2. Press the left soft key **New**.

Note: If this is the first document being created, you will automatically be in a new document screen.

3. Enter text using the desired text input method.
4. When finished, tap **OK** to save and exit.

Note: You can have one workbook open at a time. If you try to open a second, you will be prompted to save any changes to the first workbook, and it will be closed.

Delete a Workbook

1. Press the **Main Menu** key → **Main Menu 4** → **MS Excel Mobile** .
2. Tap and hold the workbook you want to delete.
3. From the pop-up menu, tap **Delete**.
4. Tap **Yes** to confirm the deletion.

Beaming a Workbook

1. Press the **Main Menu** key → **Main Menu 4** → **MS Excel Mobile** .
2. Tap and hold the workbook you want to beam.
3. From the pop-up menu, tap **Beam File**.
4. Tap the device to which you want to send the file.
5. Tap **OK** when finished to exit the screen.

MS OneNote Mobile

1. Press the **Main Menu** key → **Main Menu 4** → **MS OneNote Mobile** .
2. Tap the left soft key **New** to create a new note.
3. Create your note with the input panel.
4. To change the text formatting, tap the right soft key **Menu** → **Format** → tap a format type.
5. To add a picture(s) or voice memo(s), tap right soft key **Menu** → **Take Picture**, **Insert Picture**, or **Insert Recording**.
6. To save the note, tap the left soft key **Done**.

MS Power Point Mobile

MS PowerPoint Mobile works with Microsoft PowerPoint on your computer to give you easy access to copies of your presentations. You can copy presentations from your computer to your Omnia II. Synchronize presentations between your computer and your Omnia II to ensure that you have the most up-to-date content in both locations.

Set up a Show

1. Press the **Main Menu** key → **Main Menu 4** → **MS PowerPoint Mobile** .
2. Tap the right soft key **Menu** → **Set up Show**.
3. On the Orientation tab, tap a **Slide show orientation**.
4. Tap the **Playback tab** to tap playback options.

Delete a Presentation

1. Press the **Main Menu** key → **Main Menu 4** → **MS PowerPoint Mobile** .
2. Tap and hold the presentation you want to delete.
3. From the pop-up menu, tap **Delete**.
4. Tap **Yes** to confirm the deletion.

MS Word Mobile

MS Word Mobile works with Microsoft Word on your computer to give you easy access to copies of your documents. You can create new documents or copy documents from your computer to your Omnia II. Synchronize the documents between your computer and your Omnia II to ensure you have the most up-to-date content in both locations.

Create a New Document

1. Press the **Main Menu** key → **Main Menu 4** → **MS Word Mobile** .
2. Tap the left soft key **New**.

Note: If this is the first document being created, you will automatically be in a new document screen.

---

3. Enter text using the desired character input method.
4. When finished, tap OK to save and exit.

You can open one document at a time. If you try to open a second document, the first is saved automatically and closed. Using the **Menu** → **File** → **Save As** menu, you can save a document in one of these formats:

- **Word Document (*.docx)**
- **Word Template (*.dotx)**
- **Rich Text Format (*.rtf)**
- **Plain Text (*.txt)**

Word Mobile options

1. Press the **Main Menu** key → **Main Menu 4** → **MS Word Mobile** .
2. Tap the right soft key **Menu** → **Options...**. The following options are available:

Note: While viewing a document access the **Options** menu by tapping **Menu** → **Tools** → **Options...**

- **Default template** - Allows you to select: Word Document (.docx), Meeting Notes, Memo, Phone Memo, To Do and Word 97-2003 Document (.doc) as the default document.
- **Save to** - Allows you to select Main memory or My storage as the default document storage location.
- **Display in list view** - Allows you to display Word Files, Rich Text Files, Plain Text Files, All Known File Types.

3. When finished, tap OK to save and exit.

Delete a Document

To delete a Word Mobile document:

4. Press the **Main Menu** key → **Main Menu 4** → **MS Word Mobile** .
5. Tap and hold the document you want to delete.
6. From the pop-up menu, tap **Delete**.
7. Tap **Yes** to confirm the deletion.

Beaming a Document

To beam a document to another Windows Mobile device user:

1. Press the **Main Menu** key → **Main Menu 4** → **MS Word Mobile** .
2. Tap and hold the document you want to beam.
3. From the pop-up menu, tap **Beam File**.
4. Tap the device you want to send the file to.
5. Tap OK when finished to exit the screen.

Adobe Reader LE

Adobe Reader LE allows you to view PDF documents.

View a PDF

1. Press the **Main Menu** key → **Main Menu 4** → **Adobe Reader LE** .
2. Browse for the desired file and tap it to open.
3. To close the file and exit Adobe Reader, press **Menu** → **Exit.**

Section 11: Personal Information Applications

The applications described in this section allow you to schedule appointments, view the calendar, create task lists, set an alarm, perform simple math calculations, and set up your phone to synchronize your files and folders with your desktop PC.

Owner Information

Owner Information is where you can store information on the owner or user of the device. Name, Company, Address, Telephone, E-mail, and Notes information fields are available.

1. Press the **Main Menu** key ➔**Settings** ➔ **Basic Settings** tab ➔ **General Settings** ➔ **Owner Information**.
2. Tap **Identification**, then enter information for these fields:
   - **Name**
   - **Company**
   - **Address**
   - **Telephone number**
   - **Email address**

Note: For more information, refer to *"Entering Text"* on page 52.

3. Tap **Notes** to enter any notes applicable to the owner.
4. Tap **Device Name** to enter a name for your Omnia II. Device name is used when communicating with other devices.
5. Tap **Lock Screen** to set locking options:
   - Tap **Lock when display times out** to toggle screen lock.
   - Tap **Edit lock screen** to customize the screen displayed when the phone is locked.
   - Tap **Display Owner Information on lock screen** to toggle display of owner information, then tap **Owner Information** to enter/confirm the information from Step 2.

Smart Search

Smart Search provides a single search tool to find all kinds of information on your Omnia II device, including Contacts, Calls, Video, Image or Music files, Scheduled events, Messages, or Applications.

1. Press the **Main Menu** key ➔ **Main Menu 4** ➔ **Smart Search** .
2. Enter keyword(s) in the search field and tap **Search** .

   To narrow the search to a specific type of information, tap the **Select items** field and choose from All, Contact, Call Log, Video, Image, Music, Schedule, Message or Program.

My Calendar

The calendar allows you to create and manage appointments and reminders.

Appointments and Events

Entries in the calendar are called appointments. You can schedule the following types of appointments in the calendar:

- Timed appointments, such as meetings, which have a specific date, start, and end time.
- Repeating appointments, such as a weekly meeting that is held on the same day at the same time each week.
- Continuous appointments, such as a vacation or three-day conference.
- All day events, which reflect the default length of the day as set by the user.

Change the Calendar View

1. Tap the **Calendar** or **Today** widget.

   – or –

   Press the **Main Menu** key ➔ **Main Menu 1** ➔ **My Calendar**.

2. Tap a tab at the top of the calendar to select a view:

   Month - Displays the entire month, with appointments indicated by a small triangle at the bottom left of the date.

   Week - Displays an entire work week's appointments (Monday thru Friday).

   Day - Displays the current day with the times of appointments blocked out.

   Agenda - Displays a list of appointments for the current day.

Scheduling an Appointment

You can schedule timed appointments for the current date or for future dates.

To schedule a timed appointment for the current date:

1. Tap the **Calendar** or **Today** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **My Calendar** .

2. Press the left soft key **New**.
3. Enter the criteria for the appointment:
   - Tap the **Subject** field and use the virtual QWERTY keyboard to enter the Subject of the appointment.
   - Tap the **Location** field to enter location information.
   - Tap the **All day** indicator if the appointment will last all day.

Note: If All day is selected, the time is automatically removed in the start and end times to indicate that there is no time limit.

   - Tap the **Start date / Time** fields, and use the entry tools to enter a date and time.
   - Tap the **End date / Time** fields, and use the entry tools to enter a date and time.
   - Tap the **Occurs** box to set the frequency of this event's occurrence.
   - If you want to be reminded about this appointment, tap the **Reminder** indicator to enter the amount of time before your event which your Omnia II should begin reminding you.
   - Tap **Category** and select any which apply: Business, Holiday, Personal or Seasonal.

Tip: You can also add a new category by tapping **Menu** → **New.**.

   - Tap the **Notes** field and enter any notes desired for this appointment.
   - Tap **Details** to enter details for the appointment:
     – Tap the **Attendees** field to invite Required and/or Optional Attendees from your Contacts. Contacts must have an E-mail address to be added as an attendee.
     – Tap the **Status** field and select Free, Tentative, Busy, or Out of Office to be displayed as your status during the appointment.
     – Tap the **Sensitivity** field and select Normal, Personal, Private, or Confidential to denote the sensitivity of this appointment/event.
4. Tap **Done** to save your new appointment and return to the calendar.

Calendar Options

Calendar options allow you to select what day of the week your calendar starts upon, whether you view a 5-day, 6-day, or 7-day week, options for reminders, and more.

1. Tap the **Calendar** or **Today** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **My Calendar**.

2. Tap the right soft key **Menu** → **Options**.
3. To show the number of the week in your calendar, tap the **Show week numbers** option.
4. Tap the **Set 1st day of week** field to select Sunday or Monday as the first day of your weekly calendar.
5. Tap the **Start in** field to select a Month, Week, Day or Agenda as the default view when the Calendar starts up.
6. Tap **Set colors of categories** to select a color for each category. Tap a category, then choose a color from the color wheel and press Done to save it.
7. Tap the left soft key **Done** or **OK** to save your settings and return to the calendar.

Tasks

A task is something that needs to be done in a certain amount of time and requires a reminder once the deadline has been reached. Once a task is complete, it can be checked off and another task can be started. A task list can be set up to keep track of tasks. Tasks can also be prioritized, so that higher priority items are finished first.

Create a New Task

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks**.
2. Tap the right soft key **Menu** → **New task**.
3. Set the details for the task:
   - Tap the **Subject** field and enter a subject.
   - Tap the **Priority** field and select **High**, **Normal**, or **Low**.
   - The default **Status** is Not Completed. To set Status as Completed, tap the Status field and select it.
   - Tap the **Starts** box and select a starting date from the calendar.
   - Tap the **Due** box, then select an ending date from the calendar.
   - Tap the **Occurs** box and select the frequency of the task.
   - If you would like a reminder of when the task is due, tap the **Reminder** box and select Remind me. Tap notification time.
   - Tap **Categories** to select Business, Holiday, Personal or Seasonal.

- Tap **Sensitivity** to select Normal, Personal, Private, or Confidential.
- Tap the **Notes** tab at the bottom to enter notes for this task.

4. Tap OK to save the task.

When the task is saved, it is added to the task list.

Task Options

Task Options allow you to manage your tasks, select defaults for new tasks, and sort your task list based on priority level, subject, start date, due date, or status.

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Tap the right soft key **Menu** → **Options**. The following task options are available in the task list:
   - **Set reminders for new items** - If this option is selected, an alert is automatically created when a new task is created.
   - **Show start and due dates** - If this option is selected, the start and due date is displayed in the task list.
   - **Show Tasks entry bar** - If this option is selected, a bar is placed at the top of the screen to allow you to create a new task without navigating through the menu. For more information, refer to *"The Tasks Entry Bar"* on page 99.

The Tasks Entry Bar

The Tasks entry bar option places a bar at the top of the screen to allow you to quickly create a new task without navigating through the menu. Simply tap the bar and enter a name to create a new task. This option does not put in any start or end times; to enter additional information you can Edit the task.

Activate the Entry Bar

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Tap the right soft key **Menu** → **Options**.
3. Tap the **Show Tasks entry bar** box.
4. Tap OK to save this Option.

Managing Tasks

You can manage your list of tasks by editing, deleting, beaming them, and by marking completed tasks.

Editing a Task

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Tap the desired task from the task list to open it.

3. Tap the **Edit** soft key to launch the **Task** tab and begin updating the information. For more information, refer to *"Create a New Task"* on page 98.
4. When finished, tap **OK** to save the updates and exit.

Mark a Task Complete

When a task is completed, the Status is set to Completed, indicated by a checkmark to the left of the task.

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Locate the desired task from the list and tap the check box located to the left of the task entry.

Deleting a Task

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Tap and hold the desired task from the list and select **Delete Task**.

   - or -

   Tap a task to open it, then tap the **Menu** → **Delete Task**.
3. Tap **Yes** to confirm the deletion of the selected task.

Beaming a Task

1. Press the **Main Menu** key → **Main Menu 4** → **Tasks** .
2. Tap and hold the desired task from the list and select **Beam Task**.

   - or -

   Tap a task to open it, then tap the **Menu** → **Beam Task**.
3. From the list of detected devices tap the **Tap to send** field to begin the beaming/upload process.
4. When the task is successfully transferred, **Done** appears in the display. Tap **OK** to exit.

Task Switcher

Task Switcher allows you to quickly view, end, or switch between open applications or features.

1. Press and hold the **Main Menu** key .

   – or –

   From a Main Menu screen, tap the center **Task Switcher** button.

2. By default, open applications and features are displayed as thumbnails in a grid.
3. Tap a thumbnail to **switch focus** to the application.
4. Tap the right soft key **End all** to end all open tasks.
5. Tap the left soft key **End** to mark tasks for closing.
6. Tap the ✕ on a task to end it, then tap **Done** to end selected tasks.
7. Tap the center soft key to toggle between Grid and Scroll view.

8. Swipe the screen to scroll through open applications.
9. Tap the left soft key **End** to end the top task.
10. Tap the right soft key **End all** to end all open tasks.

Center soft key

Playback Controls

The Task Switcher also includes playback controls for media being played by Media Player.

1. Press and hold the **Main Menu** key .

   – or –

   From a home screen, tap the center **Task Switcher** button.

2. Tap the **Media Player** button to switch to the Media Player.
3. Tap **Play/Pause** to start and stop playing.
4. Tap **Back** to move to the previous file.
5. Tap **Forward** to move to the next file.

Memo

Quickly capture thoughts, reminders, ideas, drawings, and phone numbers using Memo. Memos can be recorded, drawn, or written.

Draw a Memo

1. Press the **Main Menu** key → **Main Menu 3** → **Memo** .
2. Tap the left soft key **New**.
3. With the Brush cursor highlighted, tap the **Pixel selector** to select a size for the brushstrokes in pixels, and a color from the color wheel. Tap **OK** to return to the Memo.
4. Draw your memo using the stylus or your finger.
5. To erase a drawing, tap the **Eraser** cursor, then tap the **Pixel selector** to select a size for the eraser. Tap **OK** to return to the memo and erase with the stylus or your finger.
6. Tap **Menu** → **Options** to set options:
   - Tap **Alarm** to set alarm options for this memo, including Date, Time, Snooze, Repeat, Sound Profile, and Volume. Tap on each field and set the parameters. Tap Done to return to Options and tap the Alarm indicator to activate the alarm.

7. Tap **Background** to set the default template for the current and future memos. Scroll through the available background templates and tap **Done** to set the background.
8. Tap the **Save** button or OK to save your memo and return to the previous screen.

Enter Text in a Memo

1. Press the **Main Menu** key ➔ **Main Menu 3** ➔ **Memo** .
2. Tap the left soft key **New**.
3. With the Text cursor highlighted, tap the **Text Size selector** to select a size for the text, and tap **Color** to select a color from the color wheel. Tap **OK** to return to the Memo.
4. Tap the memo to place a text box in the memo. Enter text using one of the text input methods.
5. Tap **Menu** ➔ **Options** to set options:
   - Tap **Alarm** to set alarm options for this memo, including Date, Time, Snooze, Repeat, Sound Profile, and Volume. Tap on each field and set the parameters. Tap Done to return to Options and tap the Alarm indicator to activate the alarm.
6. Tap **Background** to set the default template for the current and future memos. Scroll through the available background templates and tap **Done** to set the background.
7. Tap the **Save** button or OK to save your memo and return to the previous screen.

Insert a Voice Recording in a Memo

1. Press the **Main Menu** key ➔ **Main Menu 3** ➔ **Memo** .
2. Tap the left soft key **New**.
3. Tap **Menu** ➔ **Insert** ➔ **Voice record**.
4. Tap **Record** to start recording
5. Tap **Stop** to stop recording and insert the voice record into the memo.

Insert an Image in a Memo

1. Press the **Main Menu** key ➔ **Main Menu 3** ➔ **Memo** .
2. Tap the left soft key **New**.
3. Tap the right soft key **Menu** ➔ **Insert** ➔ **Image**.
4. Tap an image to insert it into the memo.

Insert a Sound in a Memo

1. Press the **Main Menu** key → **Main Menu 3** → **Memo** .
2. Tap the left soft key **New**.
3. Tap the right soft key **Menu** → **Insert** → **Sound**.
4. Tap a sound to insert it into the memo.

Delete a Memo

1. Press the **Main Menu** key → **Main Menu 3** → **Memo** .
2. Tap and hold in the memo list and select **Delete** from the pop-up menu.
3. Tap the checkbox next to each memo to be deleted, then tap the **Done** soft key. Tap **Yes** to confirm the deletion.

Memo Options

1. Press the **Main Menu** key → **Main Menu 3** → **Memo** .
2. Touch and hold a memo in the list to choose options:
   - **Delete**: Erase the memo.
   - **Rename**: Enter a new name for the memo.
   - **Edit**: Copy or Paste the memo.
   - **Send**: Send the memo as Jpg via MMS, JPG via E-Mail, JPG via Bluetooth, SMM via E-Mail, or SMM via Bluetooth.
   - **Options**: Set Alarm or Background options.
   - **Properties**: View details about the memo.

Voice Recorder

Voice Recorder allows you to record an Audio Note. Audio Notes are saved to the phone, and can be attached to messages.

1. Tap the **Voice Recorder** widget

– or –

1. Press the **Main Menu** key → **Main Menu 3** → **Voice Recorder** .
2. To record a new Audio Note, tap the left soft key **Record**.
3. While recording, use these options:
   - Tap the microphone buttons to increase or decrease the volume.
   - Tap **Record** to start recording.
   - Tap **Pause** to pause recording. To resume, tap Record.
   - Tap **Stop** to stop the recording.
4. Tap the left soft key Done to save the Audio Note. A message will confirm saving the Audio Note.
5. Press the right soft key Menu for these options:

- **Delete**: Mark Audio Notes for deletion.
- **Sort by**: List Audio Notes by Name, Date, or Size.
- **Options**: Select a Storage location, on the Device or in My Storage. Select a Record Format, from MP3 (High), MP3(Medium), MP3 (Low), AMR or WAV.

Clock and Alarm

Enter and manage time and date displays on your phone, plus reminders for anniversaries or birthdays and timer functions.

Alarm

1. Tap the **Digital Clock** or **Analog Clock** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 2** → **Clock and Alarm**.
2. Touch the **Alarm** tab.
3. Tap the left soft key **New**.
4. Set the alarm options.
5. When you are finished, tap the left soft key **Done**.

Anniversary

1. Tap the **Digital Clock** or **Analog Clock** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 2** → **Clock and Alarm**.
2. Touch the **Anniversary** tab.
3. Tap the left soft key **New**.
4. Set the Anniversary Day options.
5. When you are finished, tap **Done**.

World Clock

Find the current time in another time zone.

1. Tap the **Digital Clock** or **Analog Clock** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 2** → **Clock and Alarm**.
2. Touch the **World Clock** tab.
3. Touch the left soft key **New**.
4. To select a time zone:

- Tap **Search** and enter the name of a city, or scroll through World Clock locations. Tap **Name/Time** to sort cities by name or by time.
- Touch and hold the default time zone, then select a location on the map. Swipe with your finger or stylus to move around the map.

5. Tap **Done** or **OK**.
6. Tap **Set as Home clock** to set the new time zone as your default clock setting and tap **Done** or **OK**.

Stop watch

1. Tap the **Digital Clock** or **Analog Clock** widget.

   – or –

   Press the **Main Menu** key → **Main Menu 2** → **Clock and Alarm**.
2. Touch the **Stop watch** tab.
3. Press the right soft key **Start** to start the stop watch.
4. Press the left soft key **Lap** to record split times.
5. Press the right soft key **Stop** to stop the stopwatch.
6. Press the right soft key **Reset** to erase recorded times.

Calculator

The calculator allows you to perform general mathematical functions, such as addition, subtraction, multiplication and division. You can use the calculator to perform basic calculations, store and retrieve values and display the last series of calculations or use the scientific calculator to perform complex calculations.

1. Press the **Main Menu** key → **Main Menu 3** → **Calculator**.
2. Tap the left soft key **Arithmetic/Scientific** to toggle between the regular calculator and the scientific calculator.

Note: The scientific calculator will display in landscape mode. Press the Arithmetic button to toggle between the scientific calculator and the regular calculator.

3. Tap the right soft key **Menu** to **Copy**, and **Paste** content.
4. Tap your desired numbers and functions.

Unit Converter

Use Unit Converter to convert values you enter into selected units.

▶ Press the **Main Menu** key → **Main Menu 5** → **Unit Converter** . Choose a conversion type, and enter a value for conversion. As you enter a value, the conversion appears in the display.

Tip Calculator: Calculate tip based on desired percentage, and divide a bill into equal parts.

Length: Calculate length equivalents.

Weight: Calculate equivalents for weight values.

Area: Compute values for area.

Volume: Calculate volume equivalents.

Temperature: Convert Fahrenheit and Celsius values.

Currency: Choose two currencies and convert a value. You can edit the basic rate to use actual rates.

MS File Explorer

MS File Explorer provides a familar way to easily locate and manage files stored in your Omnia II device's memory, in My Storage, or on an installed microSD Storage Card.

1. Press the **Main Menu** key → **Main Menu 4** → **MS File Explorer** .
2. Tap the pulldown menu at the top left of MS File Explorer, then tap one of these locations:
   - **My Device**: All folders where files may be stored in the device's memory.
   - **My Storage**: Commonly used folder for storing photos, music and other types of files, also in the device's memory.

Note: My Storage has a capacity of 8GB, and can be used as the main storage on your phone.

   - **Storage Card**: Contents of an installed microSD card.
3. To navigate in MS File Explorer, use these features:
   - Tap the left soft key **Up** to move up one folder in a directory.
   - Tap **Menu** → **Sort By** sort by Name, Date, Size or Type.
4. Tap **Menu** to access options such as creating a **New Folder**, or to **Rename** or **Delete** a file.

My Files

With **My Files**, you can locate and view files that you have saved to your device.

1. Press the **Main Menu** key → **Main Menu 2** → **My Files** .
   - Tap the **View Options** icon or to toggle between List and Folders views.

Note: When in List view use the accelerator tab to quickly navigate through folders.

   - Tap the left soft key **Sort By** to sort folders by Name, Date, Size or Type.
   - Tap the right soft key **Menu** for options:
     - **Edit**: Copy, move or delete selected folder content.
     - **Send**: Send selected folder content as MMS or Email, or via Bluetooth or via Connected Home.
     - **View**: Display folders in a list, detailed list or thumbnail view.
     - **Refresh**: Refresh the display to show all folders and content.
     - **Search**: Enter criteria in the Search field, then select a folder for searching.
     - **New Folder**: Create a new folder.
2. Tap a folder to view its contents.
3. While viewing a list of files, tap and hold on a file for these options:
   - **Rename**: Change the name of the file.
   - **Delete**: Erase the file.
   - **Send as MMS**: Send the file as an attachment to a message.
   - **Send as Email**: Send the file as an attachment to an email.
   - **Send via Bluetooth**: Beam the file to a Bluetooth device.
   - **Send via Connected Home**: Send the file via the Connected Home application on your phone.

City ID

When subscribed to City ID, you can look up the city and state information for telephone numbers.

1. Press the **Main Menu** key → **Main Menu 4** → **City ID** .
2. The following options are available:
   - **City & State lookup**: Using the virtual QWERTY keypad, enter the 10-digit phone number. The city and state display automatically.
   - **Subscription status:** Allows you to subscribe to City ID or continue to use the trial version preloaded on the device.
   - **Check for updates**: Allows you to check for application updates.
   - **About City ID**: Provides information about the City ID application.

WeatherBug

WeatherBug provides current weather conditions for the location you choose.

1. In the **Widget Bar**, tap the **WeatherBug** widget to move it to a home screen. Tap the widget to launch **WeatherBug**.
2. The first time you launch WeatherBug, you will be prompted to choose a City. Tap **Edit** to choose a location.
3. At any time, tap **Edit** to change the location.
4. Tap **Update** to have WeatherBug retrieve current weather information.
5. Tap **Settings** for these options:
   - Choose a temperature **Unit**, Celsius or Fahrenheit.
   - Choose an automatic **Update period**: None (you update manually), Every 6 hours, Every 12 hours, or Every 24 hours.

ActiveSync

Using Microsoft® ActiveSync®, you can synchronize data on your desktop computer with the data on your phone. Synchronization compares the data on your phone with your desktop computer and updates both your phone and computer with the latest data.

ActiveSync is included on the supplied Getting Started CD, or you can download the latest version of ActiveSync from Microsoft at http://www.microsoft.com.

With ActiveSync, you can:

- Keep Contacts, Calendar, Tasks, or Inbox data up-to-date by synchronizing your phone with Microsoft® Outlook data on your desktop computer.
- Copy files between your phone and desktop computer.
- Control the moment when synchronization occurs by selecting a synchronization mode.
- Select data types to be synchronized and control the amount of synchronized data.

Note: You must have ActiveSync installed in order to transfer licensed music from V CAST with Rhapsody to your Omnia II.

For more information about ActiveSync, including system requirements, refer to the ActiveSync documentation.

Connecting Your Phone to a Computer

Connect your phone and PC via data cable or Bluetooth.

Connecting with a data cable

Connect one end of the PC data cable to the port on the side of the phone and the other end to the USB port on your computer.

Connecting via Bluetooth

To use ActiveSync via Bluetooth, you'll need a Bluetooth application (not included) for your PC. Refer to your PC's Bluetooth application documentation for information about creating a Bluetooth bond between your Omnia II and your PC.

Note: To synchronize Bluetooth devices with a computer, the computer must have the Bluetooth stack for Windows XP Service Pack 2.

Setting Up a Partnership

The first time you connect your phone to the PC after installing ActiveSync on the PC, you will be prompted to set up a partnership. Follow the prompts in the ActiveSync setup wizard to complete the set-up.

After setting up a partnership, your Omnia II and the PC should perform the first ActiveSync. This may take some time, depending on the amount of information to be synchronized.

Connection Settings

By default, all connections are enabled. To customize the connection between your Omnia II and the PC, refer to the Connection Settings in ActiveSync.

Synchronization

After the initial setup is complete, follow these steps to synchronize.

1. Connect the phone to the PC.
2. Press the **Main Menu** key → **Main Menu 4** → **ActiveSync** .
3. Synchronization begins automatically. To start a new synchronization, tap the soft key **Sync**.

Note: You can also begin synchronization from the PC's ActiveSync application.

Synchronization Settings

You can customize various setting options for synchronization with a computer and a server, and set the synchronization schedule. To change settings, you must terminate the connection between your phone and computer. Disconnect the PC data cable or turn off Bluetooth.

Synchronization Options

1. Press the **Main Menu** key → **Main Menu 4** → **ActiveSync** .
2. Tap the right soft key **Menu** → **Options**.
3. Select the types of data you wish to synchronize.
4. Tap **Settings** to make these settings:
   - Change the **Friendly name**, if desired.
   - Make a selection for **If there is a conflict.**
   - Set the type of Event logging, if desired.
   - Tap OK to return to options.
5. When finished with setting options, tap OK .

Exchange Server Synchronization

You can synchronize information automatically as items arrive only if your company is running Microsoft Exchange Server with Exchange ActiveSync®.

1. Press the **Main Menu** key → **Main Menu 4** → **ActiveSync** .
2. Tap the right soft key **Menu** → **Add Server Source**.
3. Enter your Microsoft Exchange Email Address, and, if desired, enable **Attempt to detect Exchange Server Settings automatically**. Tap **Next** to continue.
4. Enter your Password and Domain. To save the password for subsequent use, tap **Save password**. Tap **Next**.
5. Enter the Server address and tap **This server requires an encrypted (SSL) connection** to use SSL protocol for server access.
6. Tap **Next**.
7. Select data types to be synchronized.
8. When you have finished, tap **Finish**.

Synchronization Schedule

You can schedule synchronization with the Microsoft® Exchange Server at peak time during working hours or other times when you experience higher mail volumes. Use off-peak times schedule to synchronize during times of lower mail volumes.

1. Press the **Main Menu** key → **Main Menu 4** → **ActiveSync** .
2. Tap the right soft key **Menu** → **Schedule** to set these options:

- To synchronize periodically during peak times, select a frequency of synchronization in the **Peak times** field.
- To synchronize periodically during off-peak times, select frequency of synchronization in the **Off-peak times** field.
- To use the peak time and off-peak time setting while roaming, select **Use above settings when roaming**.
- To synchronize each time you send an e-mail, select **Send/ receive when I click Send**.
- To set the days and hours for peak time, tap the peak time text in blue at the bottom of the display.

3. When you are finished, tap **OK**.

Windows Mobile Device Center for Windows Vista

The Windows Mobile Device Center simplifies managing media between your Windows Mobile powered device and your Windows Vista™ PC. Quickly set up new partnerships, synchronize business-critical information such as E-mail, contacts and calendar appointments, easily manage your synchronization settings, and transfer business documents between your device and PC.

Note: Windows Mobile Device Center is included by default on PCs with Windows Vista.

For more information about Windows Mobile Device Center, refer to the Getting Started Guide on the Omnia II Companion CD, or visit http://www.microsoft.com/windowsmobile/devicecenter.mspx.

Games

Four games are included with your Omnia II: Ferrari GT Evolution, Bubble Breaker, Dice and Solitaire. You can download or purchase other games for use on your device.

Note: Games can be downloaded from the Internet and stored on your Omnia II or microSD card. Instructions from the game site should inform you of the location (folder) in which to store the application on your phone.

Ferrari GT Evolution

1. Press the **Main Menu** key → **Main Menu 3** → **Ferrari GT Evolution** .
2. Tap **Quick Race** to start a new race. Steer your car by moving your phone, and tap the on-screen controls.
3. Tap **Career** to create a profile to track your results.
4. Tap **Multiplayer** to race against other players, and to view your online ranking.
5. Tap **Options** to set game options.

Bubble Breaker

1. Press the **Main Menu** key → **Main Menu 3** → **Bubble Breaker** .
2. Tap the left soft key **New Game** to start a new game.
3. Tap the right soft key **Menu** for options:
   - **Undo Move**: undo the last bubble break move.
   - **Options**: Choose settings for: **Play Sounds**, **Confirm End Game**, **Display Bursts**, **Guest Mode**, **Game Style**, **Breaker Set**.
   - **Statistics**: display game score statistics.
   - **About**: display information about the game.

   Tap OK to save options and return to the game.

Solitaire

1. Press the **Main Menu** key → **Main Menu 3** → **Solitaire** .
2. Tap the right soft key **Menu** → **New Game** to commence a new game. Play is ready to begin.
3. Tap the right soft key **Menu** → **Options** to display the options screen for the current game. Choose from: **Draw**, **Scoring**, **Time game**, **Display status** and **Keep cumulative score.**

Dice

1. Press the **Main Menu** key → **Main Menu 3** → **Dice** .
2. Shake your Omnia II to roll the dice.

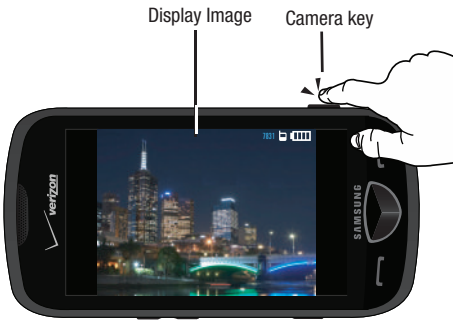
Section 12: Photo and Image Applications

Camera

Taking pictures with your device's built-in camera is as simple as choosing a subject, pointing the camera, and pressing the camera button.

Taking Pictures

1. Press the **Camera** key on the right side of the phone. The camera is always activated in landscape orientation.
2. Using the main display screen as a viewfinder, compose your picture by aiming the camera at the subject.
3. When you have composed the picture, lightly press the **Camera** key to focus the shot.
4. To take the picture, press the **Camera** key until the shutter sound plays. (The picture will automatically be saved to the storage location specified in Camera Settings. By default, this is the 8GB capacity My Storage.)



Camera feature

Note: When you launch the Camera/Camcorder, your Omnia II may automatically close some other multimedia applications to allow optimum performance of the Camera/Camcorder.

Camera Options

Tap the screen to display Camera Options along both sides of the screen.

Mode: Switches between Camera and Camcorder.

Shooting Mode: Choose a mode for capturing photos, from Single, Continuous, Smile, Mosaic, Panorama, or Action.

None

Scene Mode: Choose an automatic scene mode, from Portrait, Landscape, Sunset, Dusk & Dawn, Night Shot, Text, Sports, Back Light, Party & Indoors, Beach & Snow, Fall Color, Fireworks, or Candle Light.

2560
1920

Size: Choose an image size, from 2560x1920, 2048x1536, 1600x1200, or 640x480.

Settings ➔ Camera :

- **White Balance**: Choose a setting to reflect the light source, from Auto, Daylight, Cloudy, Tungsten, or Fluorescent.
- **Effect**: Choose an effect to be added to the photo, from None, B & W, Sepia, Negative, Antique, Watercolor, or Green.
- **ISO**: Choose a speed from Auto, 50, 100, 200, 400, or 800.
- **Adjust**: Choose a setting for Contrast, Saturation, or Sharpness.
- **Timer**: Set a timer to delay taking of photo, from 2, 5, or 10 seconds, or Off.
- **Metering**: Choose Center, Spot or Matrix.
- **Quality**: Choose High, Normal or Low.
- **Anti-Shake**: Toggle anti-shake mode.
- **WDR**: Toggle Wide Dynamic Range mode.

Settings → Settings :

- **Review Screen**: For reviewing photos after capture, choose On, 2 Sec, or Off.
- **Guideline**: For placing a grid to aid in composing a photo, choose from On or Off.
- **Default Storage**: Select from My Device, My Storage, or Storage Card.
- **Shutter sound**: Choose Shutter 1, Shutter 2 or Shutter 3.

Exit: Tap to exit Camera Mode.

Flash: Choose a flash mode, from Off, On or Auto.

Auto Focus: Choose an automatic focus mode, from Auto, Macro, or Face.

Brightness: Set the brightness for the image.

Quick View: View and manage photos.

- **Back**: Return to the previous screen or option.
- **Picture Edit**: Use My Pictures to edit the photo. Choose from Flip, Rotate, Resize, Crop, Brightness, Contrast, or Effect.
- **Photo memo/Details**: Write a message on the image, or view details about the image.
- **Zoom**: Set a zoom level for viewing the image.
- **Send via**: Send the photo via Connected Home, MMS, E-mail, or Bluetooth.
- **Set As**: Set the current image as the Wallpaper, or as Caller ID for a contact.
- **Send to the Web**: Upload photo(s) to online Social Networking sites via the Communities application.
- **Delete**: Delete the current image.

Viewing Photos

Method 1 (Using My Pictures)

1. Press the **Main Menu** key → **Main Menu 1** → **My Pictures** .
2. Tap a thumbnail to view image in full screen mode.

Method 2 (Using Quick View)

1. While in **Camera** mode, tap the **QuickView** button.
2. Tilt the device left or right to scroll through the photos.

   – or –

   Touch the screen and slide left or right to view photos.

Uploading Photos to Online Communities

When taking photos, you can upload photos directly from the camera module of your Omnia II to your preferred online communities via the Communities application.

Tip: Set up your Preferred Sites in Communities before uploading. For more information, refer to *"Communities"* on page 128.

To upload photos:

1. After taking photo(s), tap the display to display **Camera Options**, then tap **Quick View** .
   - Tap **Upload** to open **Communities**. For information on uploading, see *"Upload to Communities"* on page 128.

Assign a Photo to a Contact

After taking a picture, you can assign the photo to a contact.

To assign a photo to a contact:

1. Take a photo.
2. Tap the screen to display **Camera Settings**, then tap **Quick View** .
3. Tap **Set As** , then tap **Caller ID**.
4. Preview the photo, and edit it by zooming in or out on the photo, and moving the photo within the guideline. Click **OK** when you're finished with the photo.
5. From My Contacts, choose a contact. The photo is saved to the contact, and appears in the My Contacts displays and as Caller ID when the contact calls you.

Set a Photo as Wallpaper

After taking a picture, you can set the photo as wallpaper.

To set a photo as wallpaper:

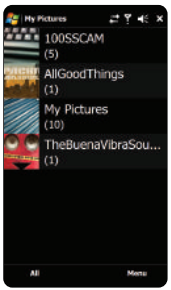
1. Take a photo.

2. Tap the screen to display **Camera Settings**, then tap **Quick View** ▶ .
3. Tap **Set As** , then tap **Wallpaper**.
4. Preview the photo. Note that the display rotates to portrait mode so that you can zoom in or out on the photo, and drag the photo within the guideline to match the wallpaper. Click **OK** when you're finished with the photo.
5. The photo is set as the wallpaper on your current home screen.

My Pictures

My Pictures allows you to view and manage pictures stored on your Omnia II.

1. Press the **Main Menu** key → **Main Menu 1** → **My Pictures** .
2. Photos are listed by folder.
3. Tap **All** to view thumbnails for all pictures. While in All view, tap **Folder** to switch back to Folder view.
4. Tap a folder to view the photos in the folder. To see the photos in a slide show, tap **Slide Show**.



If you tap Menu before selecting a photo, these options are available:

- **Slide show options**: Choose Repeat, Duration, Transitional effect, and Show direction settings.
- **Camera**: Launch the Camera feature to take new photos.
- **About**: Display information about My Pictures.
- **Exit**: Close My Pictures.

5. Tap a photo to view the picture full-screen. While viewing a photo full-screen, tap the screen to display menus and controls.

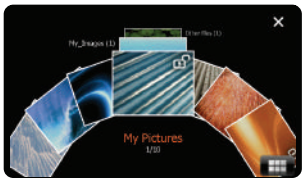
6. Tap **Slideshow** to play a slideshow of all photos in the folder.
7. To **Zoom**, use one of these methods:
   - Double-tap the display
   - Touch and hold, then continue holding while swiping up or down.

   While in Zoom mode, touch and drag to move the area of focus on the screen.
8. Tap **Properties** to display information about the photo.

While viewing a photo, tap **Menu** for these options:

- **Delete**: Erase the photo.
- **Send via**: Send the photo via Messaging, Bluetooth, or Connected Home.
- **Set As**: Set the photo as Wallpaper, Caller ID, or the Lock screen.
- **Edit**: Modify the photo using editing tools.
- **Rename**: Change the name of the photo.
- **Upload to Web**: Launch the Communities application to upload the photo to one of your preferred sites.
- **Slide show options**: Choose Repeat, Duration, Transitional effect, and Show direction settings.

9. Rotate the phone to landscape mode to view photos in scroll mode.



10. Scroll through the photos in a folder by sliding your finger or stylus left to right. To move to a different folder, slide your finger up or down on the screen.
11. Tap Cancel ✕ to return to grid view

Camcorder

In addition to taking photos, the camera also performs as a camcorder to record, view, and send videos.

Note: To switch between Camera and Camcorder mode, tap the **Mode** button.

Recording a Video

1. Press and hold the **Camera** key on the right side of the phone. The camera is always activated in landscape mode.
2. Tap the icon to toggle to Camcorder mode.
3. Using the phone's display as a viewfinder, adjust the image by aiming the camera at the subject.
4. Press the **Camera** key to begin shooting video.
5. Tap **Pause** to pause recording.

   Tap **Record** to resume recording.

   Tap **Stop** to stop the recording and save the video file to your Videos folder.
6. Once the file has been saved, tap **Quick View**, then tap in the center of the display to play back your video for review.
7. Tap **Stop** to return to the viewer.

Playing Videos

Method 1 (Using Media Player)

▶ Press the **Main Menu** key → **Main Menu 1** → **Media Player**.

For more information about **Media Player**, see *"Media Player"* on page 76..

Method 2 (Using Quick View)

1. While in **Camera** mode, tap the **QuickView** button.
2. To scroll through the Videos:
   - Swipe left or right with your finger or the stylus.
   - Tilt the camera 90 degrees.
3. Tap to play a video.

Camcorder Options

Camcorder options are represented by icons along both sides of the screen.

Mode: Switches between Camera to Camcorder.

Recording Mode: Choose Normal, MMS, or Slow.

Size: Select a resolution, from 720x480, 640x480, 320x240, or 176x144.

Settings → Camcorder :

- **White Balance**: Choose a setting for the light conditions from Auto, Daylight, Cloudy, Tungsten, or Fluorescent.
- **Effect**: Choose an effect to be added to the photo, from None, B & W, Sepia, Negative, Antique, Watercolor, or Green.
- **Adjust**: Choose a setting for Contrast, Saturation, or Sharpness.
- **Timer**: Set a timer to delay taking of video, from 2, 5, or 10 seconds, or Off.
- **Metering**: Choose Center, Spot or Matrix.
- **Video Quality**: Choose High, Normal or Low.

Settings :

- **Guideline**: Place a grid to aid in composition, choose from On or Off.
- **Audio Recording**: Record audio during video capture, choose On or Off.
- **Default Storage**: Select My Device, My Storage, or Storage Card.

Exit: Tap to exit Camcorder mode.

Flash: Choose a flash mode, from Off, On or Auto.

Brightness: Adjust brightness.

Quick View: Quickly view and manage videos.

- **Back**: Return to the previous screen or option.
- **Details**: View details about the video.
- **Send Via**: Send the current image by multimedia message, E-mail, Bluetooth, or Connected Home.
- **Send to the Web**: Upload photo(s) to online Social Networking sites via the Communities application.
- **Delete**: Erase the current video.

Digital Frame

Digital Frame allows you to use your Omnia II as a digital frame to display your favorite images as a slideshow.

1. Press the **Main Menu** key → **Main Menu 3** → **Digital Frame** .
2. Tap the screen to display the following controls:

Style: Change the display image.

Back: Tap to skip to the previous photo.

Play: Tap to play the slideshow.

Forward: Tap to skip to the next photo.

Time and Date: Allows you to set how the time and date will display.

Options:

- **Photo folder**: set the source of images.
- **Transition Effect**: select from None, Motion Picture, or Fade in/out.
- **Transition Time**: select a length of time for each image to display.
- **Enable/Disable Background Sound**: choose whether sounds are played during the slideshow.
- **Enable/Disable displayevent indicator**: choose whether event indicators are displayed during slideshow.

Exit: Tap to exit Digital Frame.

Smart Reader

Smart Reader allows you to scan business cards and documents and convert them to text, for saving as contacts, editable text, or for translation.

Tip: Depending on the shooting environment, the result of the conversion may not be satisfying. For best results when photographing a business card or document:

Place the business card or document on a level, evenly-lit surface.

Hold the device firmly.

Be careful not to allow shadows on the business card or document.

Capture a Business Card

1. Press the **Main Menu** key → **Main Menu 3** → **Smart Reader** → **BizCard**.
2. Center the business card within the frame, then press the **Camera** key to capture the image.
3. Smart Reader converts the image contents into information for the contact format.
4. Confirm the new contact information and edit, if necessary.
5. Tap **Save** to save the contact.

Capture a Document

1. Press the **Main Menu** key → **Main Menu 3** → **Smart Reader** → **Document**.
2. Center the document within the frame, then press the **Camera** key to capture the image.
3. Smart Reader converts the image to an editable text file.
4. Tap **Save** to save the document.

Translate a Document

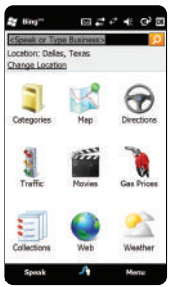
1. Press the **Main Menu** key → **Main Menu 3** → **Smart Reader** → **Translation**.
2. Choose a translation settings:
   - **Language**: ENG>ESP or ESP>ENG
   - **Shooting mode**: Choose from Auto: Smart Reader scans for words in a highlighted area, or Snapshot: You specify an area for scanning.
3. Press the **Camera** key to start translation.
4. Center the words to be translated within the highlighted are on the screen. Smart Reader will scan for recognizable words and provide a translation, if possible.
5. Tap **Save** to save the translation.

Bing™

Bing is a powerful search tool for locating web content via your Omnia II mobile device, tailored for your current location.

1. Press the **Main Menu** key → **Main Menu 2** → **Bing** .
2. Enter search criteria and tap .

   You can also search by speaking the criteria: tap '**Speak**' and say what you're looking for. Speech recognition is currently in beta; disable this feature in **Menu** → **Settings**.



3. Narrow your search by choosing an onscreen icon:
   - **Categories**: Arts & Entertainment, Government and Community, Health & Fitness, Hotels & Accommodations, Nightlife, Restaurants, Shopping & Services, Top Searches, and Transportation.
   - **Map**: Enter a location, or use your GPS location.
   - **Directions**: Enter Start and End points to create a route.
   - **Traffic**: Get current traffic information for your location.
   - **Movies**: Find movie showtimes near your location.
   - **Gas Prices**: Check gas prices at nearby stations.
   - **Collections**: View collections.
   - **Web**: Enter criteria for an internet search.
   - **Weather**: Check the weather for your location.
4. Tap **Menu** to access these options:
   - **Settings**: Specify GPS, Locate Me, Speech Recognition, Autosuggest and Cache Size settings, and Clear Search History.
   - **Edit**: Use text entry commands Cut, Copy, Paste and Select All.
   - **Client Update available**: Check for updates to the Bing application.
   - **About**: Display information about Bing.
   - **Send Feedback**: Send feedback about Bing to Microsoft.
   - **SMS to a Friend**: Send a message to a friend, recommending Bing.
   - **Exit**: Close Bing and return to the Main Menu.

Opera Browser

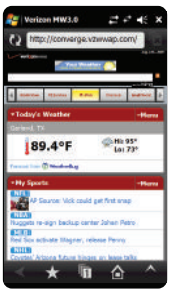
Opera Browser enables you to take your full web experience to your phone. Opera Browser is the quick, easy and secure way to access any Web page.

1. Tap the **Browser** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 1** → **Opera Browser** .

2. Enter a URL to go to a web site, or use Bing to find content based on your criteria.



Opera Browser Icons

Refresh: Refresh the current web page.

Stop: Stop a web page that is loading.

Back: Go back one page.

Bookmarks: Access and add bookmarks.

Tab: Add tabs or switch tabs.

Home: Return to the home page.

Options: Display options menu.

- **Settings**: Change browser settings.
- **Downloads**: Show downloaded files.
- **Page Info**: View current page information.
- **History**: View browser history.
- **Saved Pages**: View saved web pages.
- **Help**: View help topics about Opera.
- **Exit**: Close Opera.

Internet Explorer

Use Internet Explorer to view web pages, search the web, and download new files and programs.

Note: Microsoft Internet Explorer Mobile does not support all browser functions supported by a PC. Therefore, browser functions might not work properly on some Internet sites.

1. Press the **Main Menu** key → **Main Menu 4** → **Internet Explorer**.

2. To search with Bing, enter search criteria and tap .
3. Tap **Show** to display these options:
   - Tap **Back** to return to the previous page.
   - Tap **Favorites** to view a list of saved pages and add new Favorites.
   - Tap **Text Entry** to choose a text input method and enter text.
   - Tap **Zoom**, then drag the <+> and <-> buttons to zoom in or out on the page.
4. Touch and hold **Menu** for these options:
   - **Home Page**: Takes you to the home page.
   - **History**: Shows a list of pages visited.
   - **Forward**: Go to the next page (if available.)
   - **Refresh**: Redraw the page.
   - **View**: Set Text Size, enable/disable ActiveX Controls, and choose whether to view the Mobile or Desktop version of the page.
   - **Tools**: Send a link to a recipient as a message or E-mail, view Properties for the page, and set Options.
   - **Copy/Paste**: Access cut, copy and paste functions.
   - **Exit**: Close Internet Explorer.

RSS Reader

RSS Reader interfaces with your favorite web sites to allow you to subscribe to RSS feeds and view RSS updates.

1. Press the **Main Menu** key → **Main Menu 5** → **RSS Reader** .
2. RSS Reader displays **Categories** of web feeds. Default categories are: **All Feeds** and **Default**. To create a new category, tap the left soft key **New Category**.
3. While viewing **Categories**, tap **Menu** for these options:
   - **Delete Mode**: Mark categories for deletion.
   - **Rename**: Rename categories.
   - **Options**: Set the Update after ActiveSync option.
   - **About**: Display information about RSS Reader.
   - **Exit**: Close RSS Reader.
4. To subscribe to a web feed, select a category, then tap the left soft key **Add Feed**. Make selections for the feed:
   - **Add RSS/ATOM URL**: Enter the URL for the feed.
   - **Search for Feeds**: Enter keyword(s) to search for feeds.
   - **Import OPML file**: Import an OPML file from "\My Documents\RSS Reader".
   - **Import OPML URL**: Import an OPML list from a web location.
5. While viewing a list of RSS Feeds inside a category, tap **Menu** for these options:
   - **Update Mode**: Select feeds to update.
   - **Delete Mode**: Mark feeds for deletion.
   - **Rename**: Rename feed(s).
   - **Move**: Move feed(s) between categories.
   - **Options**: Touch an option category. The following options display:
     - **Delete expired pages**: Toggle deletion of expired pages.
     - **Pages expire after**: Set the length of time pages remain active.
     - **Use automatic deletion**: Toggle automatic deletion of pages.
     - **Max no. of pages**: Set the maximum number of pages to be retained.
   - **Mark as Read Mode**: Marks this feed as Read.
   - **Mark as Unread Mode**: Marks this feed as Unread.
   - **Export OPML**: Exports this feed as an OPML file.

Podcast

Subscribe, manage, and view podcasts on your Omnia II.

Subscribe to a podcast

1. Press the **Main Menu** key → **Main Menu 3** → **Podcast** .
2. Tap **Menu** → **Add Podcast URL.**
3. Enter the **URL** and press **Add**.

Manage podcasts

1. Press the **Main Menu** key → **Main Menu 3** → **Podcast** .
2. Tap **Menu** to access these options:
   - **Search Podcast**: Enter keyword(s) to search available podcasts.
   - **Add Podcast URL**: Enter a new URL for podcast feeds.
   - **Delete**: Delete podcasts from the phone's memory.
   - **Properties**: Display information about stored podcasts.
   - **Options**:
     – **Download Storage**: Set the default storage location.
     – **Update after ActiveSync**: Toggle updates to Podcast.
   - **About**: Display information about the Podcast application.
   - **Exit**: Close the Podcast application and return to the Main Menu.

Communities

The **Communities** application provides a single point for accessing online communities, such as Facebook, Flickr, Friendster, MySpace, Photobucket and YouTube.

1. Press the **Main Menu** key → **Main Menu 2** → **Communities** .
2. Tap the left soft key **Update** to update Communities to include all online community shortcuts on your phone.
3. Tap **Menu** for these options:
   - **Delete**: Mark shortcuts for deletion.
   - **Options**:
     – **Upload settings**: Choose an Image Resize setting.
     – **Upload reservation**: Create a reservation to upload to a site.
     – **Upload details**: View status of upload.
     – **Preferred Sites settings**: Enter login credentials for sites. Sites with saved credentials are treated as Preferred Sites and can be accessed directly from other features, such as the Camera to upload photos.
     – **Disclaimer**: Legal disclaimer.
   - **Exit**: Close Communities.

Upload to Communities

You can upload to a community, set up a reservation to upload at a specified time and date, or upload directly from the Camera/

Camcorder feature or My Pictures. For information about using Communities to upload from the Camera and Camcorder feature, see *"Uploading Photos to Online Communities"* on page 117.

1. Press the **Main Menu** key → **Main Menu 2** → **Communities** .
2. Tap the site for uploading, then tap **Upload**.
3. Follow the site's prompts to log in and set upload parameters specific to the community.
4. Tap **Done** to start the upload, or to save the reservation.

Facebook

The **Facebook** mobile application provides a quick way to log into Facebook, right from your Omnia II.

1. Tap the **Facebook** widget .

   – or –

   Press the **Main Menu** key → **Main Menu 2** → **Facebook** .

1. Enter your **Email** address and **Password**. Tap Save Login to save your login credentials to speed future logins.
2. Tap **Done** to log into Facebook.

Section 14: Bluetooth and Wi-Fi Services

This section explains the Bluetooth and Wi-Fi features available with your Omnia II, as well as certain connection related details necessary for configuring your phone to work with these services.

Wireless Manager

The Wireless Manager widget provides a quick way to control your phone's wireless communications.

1. From the **Widget Bar**, choose the **Wireless Manager** widget .
2. Tap **Airplane Mode** to toggle Airplane Mode. For more information, refer to *"Airplane Mode"* on page 10.
3. Tap **Phone** to toggle the phone feature of your Omnia II. When the Phone feature is Off, you cannot receive calls or messages, but other features are available. Tap **Settings** to launch Phone Settings.
4. Tap **Bluetooth** to toggle Bluetooth mode. Tap **Settings** to launch Bluetooth Settings.
5. Tap **Wi-Fi** to toggle Wi-Fi service. Tap **Settings** to launch Wi-Fi Settings.

Bluetooth Wireless Technology

Bluetooth wireless technology provides short range wireless communication between Bluetooth devices over a distance of about 30 feet, without requiring a physical connection.

You don't need to line up the devices to beam information using Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

With Bluetooth, you can beam files, appointments, tasks, and contact cards between your Omnia II and other common Bluetooth devices, or use Bluetooth-enabled peripherals.

Note: Your Omnia II also supports beaming the entire phonebook. For more information, refer to *"Sending Contact(s) via Bluetooth"* on page 61.

Bluetooth Service Profiles

Service profiles describe the Bluetooth services supported by individual devices. Profiles standardize the communication between devices.

Your Omnia II supports the following service profiles:

- HSP: Head Set Profile 1.1
- HFP: Hands-free Profile 1.5
- SPP: Serial Port Profile 1.1
- DUN: Dial Up Networking 1.1
- A2DP: Advanced Audio Distribution Profile 1.0
- AVRCP: Audio/Video Remote Control Profile 1.0
- OBEX: Object Exchange Profile
  - OPP: Object Push Profile 1.1 (includes vCard and vCalendar)
  - FTP: File Transfer Protocol 1.1
  - BIP: Basic Imaging Profile 1.0
  - BPP: Basic Printing Profile 1.0
  - PBAP: Phone Book Access Profile 1.0
- GAVDP: Generic Audio/Video Distribution Profile 1.0
- AVDTP: Audio/Video Distribution Protocol 1.0
- AVCTP: Audio/Video control Transport Protocol 1.0
- HID: Human Interface Device 1.0

Bluetooth Modes

Bluetooth operates in two modes: **On/Off** and **Discoverable**.

On/Off Mode

When the Bluetooth radio is turned on, you can use the Bluetooth wireless technology features available in your Omnia II. When the Bluetooth radio is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where radio use is prohibited, such as airline travel, you can turn off Bluetooth wireless technology in your Omnia II.

1. Press the **Main Menu** key , **Main Menu 2** ➔ **Bluetooth** .

   – or –

   Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Bluetooth Settings**.

2. Tap the **Bluetooth** button. The button is illuminated in blue when Bluetooth is On.

Discoverable Mode

When your Omnia II is discoverable, other devices can automatically detect it while searching for compatible Bluetooth devices with which to connect.

A message displays when another device attempts to establish a bond or pair with your phone. You must accept the incoming beam to exchange data or information with other Bluetooth devices.

1. Press the **Main Menu** key , **Main Menu 2** ➔ **Bluetooth** .

   – or –

   Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Bluetooth Settings**.

2. Tap the right soft key **Menu** ➔ **Device Info**.
3. Tap the **Enable visibility to other devices** button.
4. Tap **Turn off Visible Mode** to choose a time period for visibility: **Never**, **After 1 Minute**, **After 5 Minutes**, or **After 10 Minutes**.
5. Tap the left soft key **Done** or OK to save your changes and return to the previous screen.

Bluetooth Settings

Bluetooth Settings provide the ability to set options for Bluetooth connections, view and change the device name, turn on visibility, and set security for the device.

1. Press the **Main Menu** key , **Main Menu 2** ➔ **Bluetooth** .

   – or –

   Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Bluetooth Settings**.

2. Tap the phone icon to turn Bluetooth **On** or **Off**.

3. Tap the **Search** soft key to search for nearby discoverable Bluetooth devices.
4. Tap **Menu** ➔ **Ms Settings** to access Microsoft Bluetooth settings.
5. Tap **Menu** ➔ **Delete** to delete a paired Bluetooth device from your list.
6. Tap **Menu** ➔ **Disconnect** to disconnect from the current Bluetooth connection.
7. Tap **Menu** ➔ **Options** to select the type of Bluetooth device for searching: All Devices, Phone, Smartphone, PDA, Computer, Headset, Hands-free device, Keyboard, or Printer.
8. Tap **Menu** ➔ **Device Service** to set partnership options for these device types:
   - **Headset**: No configurable settings.
   - **Hands-free**: Tap **Options** for these settings:
     – Tap **Enable smart pairing** to enable your phone to automatically pair with a device using the default PIN codes.
     – View the default **PIN codes**.
     – Tap **Add own PIN code** to create a custom PIN code to be used in pairing.
   - **Wireless Stereo**: Tap **Options** for these settings:
     – Tap **Enable smart pairing** to enable your phone to automatically pair with a device using the default PIN codes.
     – View the default **PIN codes**.
     – Tap **Add own PIN code** to create a custom PIN code for pairing.
   - **Serial Port**:Tap **Options** for these settings:
     – Tap and hold **Incoming Port**, then select **Edit** to edit the Incoming Port settings, or select **Delete** to delete this port.

– Tap **New Outgoing Port** to choose a device and set up a new outgoing port.

- **Dial Up Network Terminal**: No configurable settings.
- **Basic Printing**: No configurable settings.
- **File Transfer**: Tap **Options** for these settings:
  – Tap **Enable to write** to enable/disable writing to your device.
  – Tap **Shared Folder** to choose a location on your device for sharing.
- **Object Push**: Tap **Options** for these settings:
  – Tap **Enable to receive all Incoming** to enable/disable automatic receiving for incoming beams.
  – Tap **Shared Folder** to choose a location on your device for sharing.
- **Human Interface Device**: No configurable settings.
- **Phonebook Access**: No configurable settings.

9. Tap **Menu** ➔ **Device Info** for settings about your device:
   - Tap **Device Name** to modify your device's name, to be using during pairing.
   - View the **MAC** address, which is needed for some pairings.
   - **Enable visibility** to other devices to put your device in discoverable mode, visible to other searching Bluetooth devices.
   - If in discoverable mode, tap **Turn off Visible Mode** to set a length of time to remain discoverable. Choose from **Never**, **After 1 Minute**, **After 5 Minutes**, or **After 10 Minutes**.

Note: The Device Name that appears on the above screen can also be changed via the Owner Information Settings. For more information, see *"Owner Information"* on page 95.

Bluetooth Bonds

A bond is a relationship that you create between your Omnia II and another Bluetooth-enabled device to exchange information in a secure manner. Creating a bond involves entering the same Passkey on the two devices sharing a bond.

Bonds are created only once between devices. Once a bond is created between devices, the devices do not have to be discoverable to exchange information; however, each device must have its Bluetooth radio on.

Creating Bluetooth Bonds

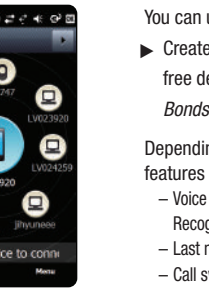
Note: Make sure that the two devices are within range of one another and that Bluetooth discoverable mode is enabled on both devices.

1. Press the **Main Menu** key , **Main Menu 2** ➔ **Bluetooth** .
   – or –
   Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Bluetooth Settings**.
2. Turn on **Bluetooth** by tapping the blue device icon.

3. Tap the left soft key **Search** to search for discoverable Bluetooth devices. Detected Bluetooth devices appear as icons on the Bluetooth screen.

Note: Touch and hold on a device icon to see information about the device.

4. Drag and drop the device icon onto the Bluetooth icon.
5. At the **Enter passcode** prompt, enter a passcode, then tap **Done**. Enter the same passcode on the other device when prompted.



Accepting a Bond

1. Put your Omnia II in Discoverable mode. For more information, refer to *"Discoverable Mode"* on page 132.
2. When prompted to bond with the another device, tap **Yes**.
3. Enter the numeric passcode and tap **Next**. You are then notified the pairing is in progress.
4. Tap the right soft key **Advanced**, then enter a **Display Name** for the external Bluetooth device, if desired, and tap the desired services available to the new device.
5. Tap the **Save** soft key to complete the process.

Bluetooth Hands-Free Device

You can use a Bluetooth hands-free device with your Omnia II.

▶ Create a bond between your Omnia II and the Bluetooth Hands-free device. For more information, refer to *"Creating Bluetooth Bonds"* on page 134.

Depending on your hands-free device, some or all of these features may be available:

- Voice recognition using your Omnia II's built-in Nuance Voice Recognition.
- Last number redial
- Call switching
- Caller ID display
- End a call
- Switching to a private call

Note: For specific information about the features available with your Hands-free device, please refer to the manual provided with the device.

ActiveSync via Bluetooth Wireless Technology

To use ActiveSync® via Bluetooth wireless technology, you need to configure the settings for both your PC and your Omnia II. For more information, refer to *"Synchronization"* on page 110.

Bluetooth Virtual Serial Port

There are many Bluetooth devices that support the Bluetooth serial profile, such as GPS. You can set up a virtual serial port on your Omnia II to use the service on these devices.

1. Create a Bluetooth bond between your Omnia II and the device you want to use. For information on creating a bond, see *"Bluetooth Bonds"* on page 134.
2. After establishing a bond with the device, tap **Menu** → **Device Service**.
3. Tap the Serial Port **Options** button.
4. Tap **New Outgoing Port**
5. Select the device, and tap the right soft key **Next**.
6. Choose a **Port** from the pulldown list.
7. Tap the **Secure Connection** option, if desired.
8. Tap the right soft key **Finish** to complete the setup.

Connecting with a Virtual Serial Port Device

The port you selected above can now be used in other applications available on your Omnia II. For example, you can choose the port for communication when using a Bluetooth GPS application.

About Wi-Fi

Wi-Fi is wireless networking that provides access to local area networks, and is faster and has greater range than Bluetooth wireless technology. Wi-Fi can achieve connection speeds of up to 11Mbps, which allows you to share large files or quickly surf the internet with your Omnia II.

Note: Wireless Fidelity (Wi-Fi) is a WLAN based on the 802.11 protocol, which transmits and receives in the 2.4 GHz frequency ISM band. Your Omnia II supports the 802.11b/g protocol stack.

Note: The Omnia II may not be operable with all wireless access points. Consult your provider for information needed to configure access to Wi-Fi.

Wi-Fi allows you to:

- Access the internet
- Access your corporate network
- Use hotspots provided by hotels or airports while traveling
- Send and receive email quickly

Enabling Wi-Fi

1. Press the **Main Menu** key , **Settings** ➔ **Basic Settings** tab ➔ **Wi-Fi Settings**.
2. Tap the **Wi-Fi** button.

Automatically Connecting to a Network

If one or more networks are present, the Wi-Fi screen icon appears in the Annunciator line of the **home screen**.

1. Select the **SSID** (Service Set Indentifier) for the network you want.
2. Tap **Internet** if the network connects to the Internet (does not use proxy settings) or **Work** (uses proxy settings).
3. If you are prompted for a Network or Security key, enter it and tap **Connect**.

Manually Entering Network Settings

A wireless network can be added when a network is detected (the Wi-Fi icon appears in the Annunciator line), or you can add the network manually by entering setting information.

1. Press the **Main Menu** key , **Settings** ➔ **Basic Settings** tab ➔ **Wi-Fi Settings**.
2. Tap **Menu** ➔ **Add New**.
3. Enter a Network name.
4. Select a security connection preset. Tap **Internet** if the network connects to the Internet (does not use proxy settings) or **Work** (uses proxy settings).

5. If the network is hidden, tap **This is a hidden network**.
6. If the connection is for an ad-hoc network, tap the **This device is a device-to-device (ad-hoc) connection** box.
7. Tap the **Next** soft key to continue onto the Authentication and Data Encryption information. Use the information provided by your Network administrator to complete this section and tap the **Next** soft key to continue.
8. Complete the process by selecting the appropriate security protocol parameters from the **EAP type** drop-down menu.
9. Tap the **Finish** soft key to complete the process.

Changing Connection Information

Using either the Wireless or Network Adapters tabs under "Network Card," you can change your connection information. If your Wi-Fi network encrypts data with a security key (WEP) or you need WPA authentication to connect to your Wi-Fi network, you can set the configurations under Wireless tab. The Network Adapters tab allows you to choose whether you use a fixed IP or the DHCP (Dynamic Host Control Protocol).

To get the connection information for the Wi-Fi network you are connected to, follow these steps:

1. Press the **Main Menu** key , **Settings** ➔ **Basic Settings** tab ➔ **Wi-Fi Settings**.
2. Tap **Menu** ➔ **Ms Settings** ➔ **Network Adapters** tab.
3. The current connection property appears in the **My network card connects to:**, and displays as either **Internet** or **Work**.
4. Tap **Internet** if the network connects to the Internet (does not use proxy settings) or **Work** (uses proxy settings).
5. If your Wi-Fi network encrypts data with a security key (WEP) or you need WPA authentication to connect your Wi-Fi network, you can set the configuration on the **Wireless** tab.
6. Tap the adapter you wish to change or configure.
7. From the screens that follow, set or change the settings, and tap **OK** to save your changes.

Section 15: Changing Your Settings

Settings allows you to configure the way many of your phone's features or functions appear or work. Some of the settings on these menus are associated with shortcuts or hotkeys on your phone; those settings may also be discussed elsewhere in this document.

To access **Settings**:

▶ Press the **Main Menu** key , then **Settings** .

Basic Settings

▶ Press the **Main Menu** key , then **Settings** → **Basic Settings** tab.

Sound Settings

This menu allows you to change items related to sounds on your phone. To access Sound Settings:

▶ Press the **Main Menu** key , then **Settings** → **Basic Settings** tab →**Sound Settings**.

- **Ring**: Choose the **Call alert type**, **Ring tone**, and **Vibration type**. Tap to select from a list, then tap **Done** to save the setting.
- **Notification Sound**: Choose settings for notifications of **Reminders**, **Voice mail**, **New text messages**, **New MMS messages**, **New Email messages**, and the **Emergency Tone**. Tap the notification type to change settings, then tap **Done** to save the changes.
- **Touch alert:** Choose whether touches on the display are accompanied by sound and/or vibration by tapping **Touch event** to select the type of touches, and **Alert** to select the type of sound/vibration. Tap **Done** to save your settings.
- **Hardware Buttons Tone**: Choose whether presses of hardware buttons are accompanied by a tone, by tapping the option to enable or disable it. Tap **Done** to save your setting.
- **Service alerts**: Choose whether **Minute beep**, **Connect tone** and **Disconnect tone** are enabled or disabled by tapping each option. Tap **Done** to save your setting.

Display Settings

This menu allows you to change the items on your display.

▶ Press the **Main Menu** key , then **Settings** → **Basic Settings** tab → **Display Settings**.

- **Wallpaper**: Choose the wallpaper for each Home Screen and the Lock Screen. Tap the screen to change and select from the pre-loaded screens, or photos you have taken. The **Preview Wallpaper** screen displays your selection. Tap **Done** to save your selection.
- **Theme**: Select a theme for your Omnia II's displays.

- **Text Size**: Adjust the font size for text displayed in E-mail and Messaging.
- **Items on Today**: Choose items to be displayed on the home screen.

Important!: By default, Samsung WidgetPlus is selected, enabling the Samsung interface, which includes expanded home screens and the the Widget Bar. When Samsung Widget Plus is enabled, no other items can be selected.

  – **Date**: Displays current date.
  – **Wireless**: Current phone, Bluetooth and Wi-Fi status.
  – **Owner Info**: Displays owner information.
  – **Windows Live**: Windows Live shortcut.
  – **Windows Live Search**: Search Windows Live from the home screen.
  – **Messaging**: Displays current messaging status.
  – **Tasks**: Displays current tasks. Tap Options to customize the Tasks display.
  – **Calendar**: Displays current events. Tap Options to customize the Calendar display.
  – **E911 Plugin**: Displays an indicator when the phone is in emergency mode.
  – **Get Applications**: Displays a shortcut to download new applications.
  – **Samsung WidgetPlus**: Enables the Samsung interface, including the Widget Bar and expanded home screens.
  – **Device Lock**: Displays a tappable device lock.
  – **Windows Default**: Enables the Windows default interface.

- **Large Indicator**: When enabled, tapping the Annunciator bar displays large tappable status indicators.
- **Lock Screen**:
  – Tap **Lock when display times out** to cause the screen to lock when the backlight goes off.
  – Tap **Edit Lock Screen** to set the style of calendar display and choice of image to use as wallpaper. Make selections and tap **OK** to save.
  – Tap **Display Owner Information on lock screen** to toggle display of owner information.
  – Tap **Owner Information** to enter Identification, Notes, and the Device Name information for your phone. Tap Done or Lock Screen to save the entries.
- **Main Menu**: Select the Main Menu design.

General Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **General Settings**.

- **Wireless Manager**: Tap to enable or disable the Airplane Mode, Phone, Bluetooth, Wi-Fi and Data Connection functions of your Omnia II, then tap the **Done** soft key to save the settings.
- **Power**:
  – **Battery Power**:The **Battery power remaining** displays for the phone battery. Tap **Turn on backlight** to enable backlight when a button is pressed. Tap **Turn off backlight** to disable the backlight when not used for a specified time interval, and set the time interval. Tap **Turn**

off device to cause the phone to turn off after a specified time interval, and set the interval. Tap the **Done** soft key when finished.

– **External Power**: Tap **Turn on backlight** to enable the backlight when a button is pressed. Tap **Turn off backlight** to disable the backlight when not used for a specified time interval, and set the interval. Tap **Turn off device** to set a time interval for automatic shutoff, and set the interval. Tap the **Done** soft key when finished.

– **Brightness**: Use the slider bar to increase or decrease the display's brightness. Tap the **Auto adjustment** option to auto-adjust based on available light. Tap the **Done** key when finished.

– **Performance**: Set the CPU Performance for the device.

- **Buttons**: Select functions for some of the phone's buttons.
  – **Assign a program**: Assign a program to the designated buttons. Tap **Button1**, **Button1 Hold**, **Button2**, and **Button2 Hold** to assign a program for each button. Tap **Done** when finished.
  – **Wake up**: Select the key(s) to press to wake up the device, from **Lock only, Lock or Power** or **Any Key**. Tap **Done** when finished.
  – **"X" button**: Enable or disable the option of ending of active programs by tapping the "X" button. Tap **Done** when finished.
- **Align Screen**: Run the alignment if the screen is not responding accurately to stylus taps. Tap **Align screen** and follow on screen prompts. Tap **Done** when finished.
- **USB Connection**: Select a USB function to determine how the phone functions when attached to the USB port of a PC
  – **ActiveSync**: Use ActiveSync to interface with your Omnia II. When this option is active, you can also choose to **Enable advanced network functionality**.
  – **Mass storage**: Treats your Omnia II's memory as a removable drive on your PC. Select a primary target, either My Storage or an optional install Storage Card.

Warning!: To safely disconnect your phone from the PC, right-click the **Safely Remove Hardware** icon in the PC's system tray at the bottom right corner of the PC screen, then click Safely Remove Hardware. In the dialog, choose your device, then click **Stop**.

  – **Data connection:** Switch to Data Connection settings. For more information, see **Phone Settings ➔ Data Connection** on page 142
- **TV Out**: Set the TV Out settings:
  – **Broadcast nation**: Select your nation/region.
  – **Screen ratio**: Choose from 4 : 3 or 16 : 9.
  – **Video quality**: Choose from Natural, Sharp, or Soft.
  – **Brightness**: Choose from High, Middle or Low.
  – **Contrast**: Choose from High, Middle or Low.
  – **Turn off backlight**: Select the duration for the backlight.
- **DivX Registration**: View the DivX registration information. Your Omnia II is pre-registered, and the registration information may be needed for some applications.
- **GPS**: Select the Connection and Location for the GPS application.
  – **Connection**: Select GPS program port. Tap **Done** when finished.

– **Location**: **Location On** makes your device's GPS information available at all times. **911 Only** makes the GPS information available for 911 purposes only. Tap **Done** when finished.

- **Owner Information**: Enter the **Identification**, **Notes** and **Device Name** for your phone. Tap **Lock Screen** to select whether Owner Information is visible on the Lock Screen. Tap **Done** when finished.
- **Samsung TouchWiz UI**: Enables/disables the Samsung TouchWiz UI. This setting is enabled by default.

Motion Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Motion Settings**.

- **Etiquette**: Tap **Enable etiquette pause** to temporarily mute sounds, except for the wake-up alarm, if the device is turned screen-down.
- **Calibration**: Run the calibration program for the device. Follow the on-screen prompts, and tap the soft key **Calibrate** to begin the calibration. Tap **Done** when finished.

Phone Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Phone Settings**.

- **My Phone Number**: View your mobile phone number.
- **Voice Mail**: Displays the voice mail number.
- **Auto Answer**: Enable or disable the automatic answer feature, and set the time interval for the auto answer.

- **TTY Mode**: Enable the TTY option for the phone. For more information, refer to *"TTY Mode"* on page 51.
- **Voice Privacy**: Select the level of encryption used when making or receiving phone calls.
- **Data Connection**: Make data connection selections.
  – Tap **Use Phone Data Applications** to use the phone's applications to access data.
  – Tap **Use Phone as a Modem** to enable modem functionality, and tap **Connection Via** to choose Bluetooth or USB.
  – Tap **USB Connection** to access USB settings.

Note: To use VZAccess manager, select "Use Phone as a Modem".

- **Assisted Dialing**: Enable and enter default information for assisted dialing.
  – **Assisted Dialing**: Tap to enable or disable the option.
  – **Reference Country**: Choose your country from the pre-populated list.
  – **IDD**: Tap to enter the International Direct Dialing prefix for the Reference Country.
  – **NDD**: Tap to enter the National Direct Dialing prefix for the Reference Country.
  – **Area or City**: Tap to enter the appropriate Area or City code prefix.
  – **Length**: Tap to enter the length (in digits) of telephone numbers.
- **Emergency Call**: Enter numbers that can be dialed even if your phone is locked.

- **Network Selection**: Set the roaming option. Choose **Home Only** to restrict the phone to your service provider's home network, or **Automatic** to allow the phone to roam to other partnered networks to maintain coverage.
- **DTMF Keypad Tone**: Select **Long Tones** or **Short Tones** for the length of dialing tones played when tapping dialer keys during a phone call.

Bluetooth Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Bluetooth Settings**.

- Tap the phone icon to turn on Bluetooth.
- Tap the **Search** soft key to search for Bluetooth devices.
- Tap the **Menu** soft key to access the following options:
  - **Ms Settings**: Access Microsoft Bluetooth settings.
  - **Delete**: Deletes a Bluetooth device from your list.
  - **Disconnect**: Disconnects from the current Bluetooth connection.
  - **Options**: Select the type of Bluetooth device(s) to detect when searching.
  - **Device Service**: Set the device partnership service options for Bluetooth pairings.
  - **Device Info**: Tap Device Name field to edit the Device Name, which is visible to other Bluetooth devices. View the MAC ID, which is used by some Bluetooth devices. Disable or enable Visible Mode for your device, and choose the length of time your device is visible.
  - **Exit**: Close Bluetooth Settings.

Wi-Fi Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** tab ➔ **Wi-Fi Settings**.

- Tap the phone icon to turn on Wi-Fi.
- Tap the **Search** soft key to search for Wi-Fi access points.
- Tap the **Menu** soft key for these settings:
  - **Ms Settings**: Select Microsoft Wi-Fi settings.
  - **Add New**: Enter a new Wi-Fi access point.
  - **Disconnect**: Select and disconnect from a Wi-Fi access point.
  - **Delete**: Delete a Wi-Fi access point.
  - **Certificates**: Shows the certificate for a connecte Wi-Fi site.
  - **Configuration**: Select Wi-Fi connection and IP Settings.
  - **Exit**: Closes Wi-Fi settings.

Security Settings

▶ Press the **Main Menu** key , then **Settings** ➔ **Basic Settings** ➔ **Security Settings**.

Password Lock: Enable or disable a prompt for a password to wake up the device, and set the password and display options.

- Enter a time interval for the prompt, from various values from 0 minutes to 24 hours.
- Choose a **Password type**, from Simple PIN or Strong alphanumeric.
- Enter a password, and confirm by entering the password again. and password type.

- Tap the **Hint** tab to enter hint information to be displayed in the event you forget your password.
- Tap the **Display** tab to choose the Unlock display type.
- Tap OK when finished, and confirm the changes when prompted.

Note: The Password Lock setting uses the Microsoft default Lock Screen, which does not include the special features of the Samsung lock screen, like playback controls.

Memory Settings

▶ Press the **Main Menu** key, then **Settings** ➔ **Basic Settings** tab ➔ **Memory Settings**.

- **Program RAM**: View the available memory for active applications.
- **Main Storage**: View the applications memory storage on the device.
- **My Storage**: View the available and used memory on your device. Tap the **Reset** button to delete all the data in My storage.
- **Storage Card:** View the available and used memory on your storage card. Tap the **Format** button to format your storage card.
- **Clear All Data**: Delete all of your data and reset all settings to manufacturer defaults.

Advanced Settings

▶ Press the **Main Menu** key, then **Settings** ➔ **Advanced Settings** tab.

System

▶ Press the **Main Menu** key, then **Settings** ➔ **Advanced Settings** tab ➔ **System**.

- **ClearType**: Enable to smooth the edges of screen fonts for many programs.
- **Customer Feedback**: Tap Send Feedback to enable the Microsoft customer feedback feature.
- **Encryption**: Enable this setting to encrypt files placed on a storage card.
- **Error Reporting**: Tap Send Feedback to enable error reporting to Microsoft.
- **Input Method Options**: Select the default input method for the device, and set options for each method. For descriptions of Input Methods and options, see *"Text Input Options"* on page 55.
- **Managed Programs**: View the history for Managed Programs installed on your device.
- **Regional Settings**: Choose settings for displaying Region, Number, Currency, Time and Date values on your device.
- **Version**: View the Device and Windows Mobile versions loaded to your device.

Connection

▶ Press the **Main Menu** key , then **Settings** ➔ **Advanced Settings** tab ➔ **Connection**.

- **Browser Connections**: Choose to Automatically detect settings or Select Network manually.
- **Connections**: Add a new modem connection or manage existing connections.
- **Domain Enrollment**: Set up a connection to your company's resources. Your company's system administrator will provide information needed to complete this enrollment.
- **Certificates**: Displays certificates provided by applications.
- **Microsoft My Phone**: Set up the Microsoft My Phone service to back up your phone's media content to the Windows Live site.

Installed System Apps

▶ Press the **Main Menu** key , then **Settings** ➔ **Advanced Settings** tab ➔ **Installed Items** to configure settings for applications you've installed that adjust System Settings on your device.

Section 16: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 1.24 W/Kg.
- Body-worn: 1.26 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

PLEASE NOTE THE FOLLOWING INFORMATION WHEN USING YOUR HANDSET:

1. WARNING REGARDING DISPLAY

   The display on your handset is make of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET

   If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, please refer to the "*Standard Limited Warranty*" on page 166.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: https://fun.samsungmobileusa.com/recycling/index.jsp for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to

low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher

power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological

studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those

described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as

advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de

- National Radiation Protection Board (UK): http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

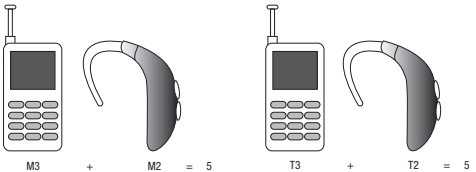
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5

is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks

in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. key in the emergency number for your present location (for example, 911 or other official emergency number).

   Emergency numbers vary by location.
3. Press .

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the

signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are

particularly affected by temperatures below 0 °C (32 °F).

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 17: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE

OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

©2008 Samsung Telecommunications America. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

Index

A

Adobe Reader LE 94
Answering Calls 45

B

Battery
- Capacity 8
- Charging 7
- Checking charge 8
- Indicator 8
- Installing 6
- Removing 6

Bluetooth
- About 131
- ActiveSync 136
- Bonds, accepting 135
- Bonds, creating 134
- Discoverable mode 132
- On/off mode 132
- Service profiles 131
- Virtual serial port 136

C

Calendar
- Appointments and Events 96
- Scheduling an Appointment 97

Call Functions 43
- Answering a Call 45
- Making a Call 43
- Roaming 50
- Voice Recognition 49
- Your Phone Number 4

Call Logs
- Creating a contact 47
- Placing a call 46
- Sending messages 48
- Updating a contact 47

Camcorder
- Options 121
- Playing videos 120
- Recording a video 120

Camera
- Options 115
- Taking pictures 114
- Viewing photos 117

Contacts
- Adding new 57
- Categories 62
- Deleting 60
- Editing 60
- Finding 59
- Making a call 44, 61
- Sending via Bluetooth 61
- Sending via vCard 61
- Speed dial 62

D

Digital Frame 122

E

E-mail
- Account setup 73

Excel Mobile 91

F

File Explorer 107

G

Games 113
- Bubble Breaker 113
- Dice 113

Solitaire 113
Getting Started 4
Activating Your Phone 4
Voice Mail 11

H

Health and Safety Information 146
Hearing-Aid Compatibility (HAC) 158
Home Screen
Functions 20

I

Icons
Annunciator Line 21
Notification Bar 22
Widgets 29
Internet Explorer 126

M

Memo 102
Message Folders
Accessing 69
Overview 69
Messages
Creating and sending 64
Options 66
Using Outlook for E-mail 74
Using Quick Text 72
Viewing 70
microSD Memory Card 13
Formatting 14
Installing 13
Removing 13
Transferring files 14
Using 14
M-Ratings 158
Multimedia 76

N

Network Services
Call Forwarding 48
Call Waiting 45
Caller ID 44
Networks
Roaming 50

O

Office Mobile 91
Excel Mobile 91
File Explorer 107
OneNote Mobile 92
Power Point Mobile 92
Word Mobile 93
OneNote Mobile 92

P

Personal Organization Applications 95
Calculator 106
Clock and Alarm 105
Memo 102
My Calendar 96
Smart Search 95
Task List 98
Task Switcher 101
Unit Converter 107
Voice Recorder 104
Phone Safety 157

Q

Quick Text 72

R

Rebooting Your Phone 15
Resetting Your Phone
Factory Default 15
Roaming 50

S

SAR values 146
Settings 139
Smart Reader 123
Speed Dial 62
Standard Limited Warranty 166

Synchronization
ActiveSync 109
Windows Mobile Device Center 112

T

Task Switcher 101
Tasks
Beaming 100
Creating 98
Deleting 100
Editing 99
Entry bar 99
Marking complete 100
Options 99
Text Input
Block Recognizer 54
Keyboard 54
Letter Recognizer 54
Methods 52
Samsung XT9 Keypad 54
Settings 55
Swype 53
Transcriber 55
Text Messages Retry 68
T-Ratings 158

U

UL Certification 148
Understanding Your Phone 16
Features 16
Front View 17
Install and Charge the Battery 6
Rear View 19
Side View 18

V

V CAST Music with Rhapsody 82
Download Music to your PC 83
Download Music to your Phone 82
Sync Music from your PC to your Phone 83
V CAST Song ID 84
V CAST Videos 85
Browsing, Selecting and Playing Videos 85
Downloading a Video 85
Voice Command
Settings 50
Voice Mail
Setting Up 11
Voice Recognition 49
Voicemail 11
Checking 11
Visual Voicemail 12
VZ Navigator 86
VZW Tones 84

W

Warranty Information 166
Web
Internet Explorer 126
Opera Browser 125
Podcasts 128
Smart Search 95
Web Applications 124
Widgets
Activation 27
Docking and undocking 27
Widgets Bar 26
Widgets Manager 28
Wi-Fi
About 137
Connecting, automatically 137
Connecting, manually 137
Connection information 138
Enabling 137
Word Mobile 93