
















## RECEIVED

Displays information about the 90 most recently received calls. Place a call to a received call by simply pressing the SEND Key .

- From standby mode, press the OK Key  [MENU], the Directional Key  right once for **RECENT CALLS**, and press **2. Received**.
- Press the Directional Key  up or down to highlight an entry, then:
  - Press the OK Key  [OPEN] to view the entry.
  - Press the Send Key  to place a call to the number.
  - Press the Right Soft Key  [Options] to select:
    - Save to Contacts:** To store the phone number in your Contacts or PTT Contacts.
    - Erase:** To erase a call listing.
    - Lock/Unlock:** To lock or unlock a call listing.
    - Erase All:** To erase all Received Call entries.
    - View Timers:** To display usage time.
  - Press the Left Soft Key  [Message] to select:
    - TXT Message:** To send a TXT message to the contact.
    - Picture Message:** To send a Picture message to the contact.
    - Video Message:** To send a Video message to the contact.
    - Voice Message:** To send a Voice message to the contact.








## DIALED

Displays information about the 90 most recently dialed numbers. Place a call to a dialed call by simply pressing the SEND Key .

- From standby mode, press the OK Key  [MENU], the Directional Key  right once for **RECENT CALLS**, and press **3. Dialed**.
- Press the Directional Key  up or down to highlight an entry, then:
  - Press the OK Key  [OPEN] to view the entry.
  - Press the Send Key  to place a call to the number.
  - Press the Right Soft Key  [Options] to select:
    - Save to Contacts:** To store the phone number in your Contacts or PTT Contacts.
    - Erase:** To erase a call listing.
    - Lock/Unlock:** To lock or unlock a call listing.
    - Erase All:** To erase all Dialed Call entries.
    - View Timers:** To display usage time.
  - Press the Left Soft Key  [Message] to select:
    - TXT Message:** To send a TXT message to the contact.
    - Picture Message:** To send a Picture message to the contact.
    - Video Message:** To send a Video message to the contact.
    - Voice Message:** To send a Voice message to the contact.

## BLOCKED








This menu appears only when "Incoming Call Restriction" is set.

- From standby mode, press the OK Key  [MENU], the Directional Key  right once for **RECENT CALLS**, and press **Blocked Calls**.
- Press the Directional Key  up or down to highlight an entry, then:
  - Press the OK Key  [OPEN] to view the entry.
  - Press the Send Key  to place a call to the number.
  - Press the Right Soft Key  [Options] to select:
    - Save to Contacts:** To store the phone number in your Contacts or PTT Contacts.
    - Erase:** To erase a call listing.
    - Lock/Unlock:** To lock or unlock a call listing.
    - Erase All:** To erase all Blocked Call entries.
    - View Timers:** To display usage time.
  - Press the Left Soft Key  [Message] to select:
    - TXT Message:** To send a TXT message to the contact.
    - Picture Message:** To send a Picture message to the contact.
    - Video Message:** To send a Video message to the contact.
    - Voice Message:** To send a Voice message to the contact.

 Please refer to [page 80](#) for more details on "Restrictions".

## ALL

Displays information about the most recently received, dialed and missed calls.

- From standby mode, press the OK Key  [MENU], the Directional Key  right once for **RECENT CALLS**, and press **4. All**.
- Press the Directional Key  up or down to highlight an entry, then:
  - Press the OK Key  [OPEN] to view the entry.
  - Press the Send Key  to place a call to the number.
  - Press the Right Soft Key  [Options] to select:
    - Save to Contacts:** To store the phone number in your Contacts or PTT Contacts.
    - Erase:** To erase a call listing.
    - Lock/Unlock:** To lock or unlock a call listing.
    - Erase All:** To erase all All Call entries.
    - View Timers:** To display usage time.
  - Press the Left Soft Key  [Message] to select:
    - TXT Message:** To send a TXT message to the contact.
    - Picture Message:** To send a Picture message to the contact.
    - Video Message:** To send a Video message to the contact.
    - Voice Message:** To send a Voice message to the contact.

 **Shortcut:** To view a quick list of all your calls, press the Send Key  from standby mode.

## VIEW TIMERS

Checks the usage time and manages your calls within the limit you set. The 11 timers include (Last Call, All Calls, Received Calls, Dialed Calls, Roaming Calls, Transmit Data, Received Data, Total Data, Last Reset, Lifetime Calls, Lifetime Data Counter):

1. From standby mode, press the OK Key  [MENU], the Directional Key  right once for **RECENT CALLS**, and press **5. View Timers**.

2. Press the Directional Key  up or down to highlight a call list.

Call timers include:

Last Call/All Calls/Received Calls/Dialed Calls/Roaming Calls/  
Transmit Data/Received Data/Total Data/Last Reset/Lifetime Calls/  
Lifetime Data Counter

- Press the Left Soft Key  [Reset] to reset highlighted timer.
- Press the Right Soft Key  [Reset All] to reset all timers.

## BLUETOOTH MENU


Bluetooth technology connectivity enables wireless connections between electronic devices. If connected with a Bluetooth Handsfree device, you can use your phone more freely. Since devices with Bluetooth connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices.

This device is compliant with Bluetooth specification 1.2, supporting the following profiles: HSP V1.0 (headset profile), AVRCP V1.0 (stereo profile), and HFP V1.5 (handsfree car kit profile). To ensure interoperability between other devices supporting Bluetooth technology, use approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with this phone. There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or Verizon Wireless. If you want more information on this function, visit the Bluetooth Technology organization Web site: <https://www.bluetooth.org/>.

 **Important:** Features using Bluetooth technology, or allowing such features to run in the background while using other features, increase the demand on battery power and reduce the battery life.





## BLUETOOTH ON/OFF





To toggle Bluetooth® power On/Off:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
2. Press the Left Soft Key  [Turn On/Turn Off]. A Confirmation window appears.




## ADD NEW DEVICE

Pairing is the process that allows the handset to locate, establish and register a 1-to-1 connection with the target device.




1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**. Press the OK Key  [OK] or select **"1. Add New Device"**.
3. If the Bluetooth® power is switched off, the following message will appear on the LCD screen: "TURN BLUETOOTH POWER ON?" Press the OK Key  [OK] to select **"Yes"**.

- The handset will prompt you with the following message on the LCD screen: "PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE". Press the OK Key  [OK].
- The device will appear in the "ADD NEW DEVICE" menu. Press the Directional Key  up or down to select the device you wish to pair to, then press the OK Key  [PAIR].
- The handset will prompt you for the passkey. Consult the Bluetooth® accessory (sold separately) instructions for the appropriate passkey (typically "0000"—4 zeroes). Enter the passkey, then press the OK Key  [OK].






 You do not need to input the passkey for pairing when the passkey of the Bluetooth® Headset or hands-free kit is 0000.

- The handset will prompt you with the following message on the LCD screen: [Device Name] Before Connecting. If you would like to always confirm before connecting to the Bluetooth® device, select Always Ask, then press the OK Key  [OK]. Then the handset will prompt you with the message "Connect to [Device Name]". Select "Yes", then press the OK Key  [OK]. If you do not wish to confirm every time before connecting to the Bluetooth® device, select "Always Connect", then press the OK Key  [OK].

- Once connected, you will see the device listed in the Bluetooth Menu and the Bluetooth® device connected icon will appear at the top of the LCD screen when connected to the Bluetooth® device. You can also check out the connection with an Arrow icon on the Bluetooth Menu.

-  In the Bluetooth Menu, you can disconnect the connected device with an icon by pressing the OK Key  [Drop]. Conversely, you can reconnect by pressing the OK Key  [OK] again.
- When an audio device is connected, you can select another device and the connection is automatically transferred from that audio device to the other one.
- If multiple devices are displayed, select the devices you want to connect.

## OPTIONS

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
- Press the Directional Key  up or down to select the paired device.
- Press the Right Soft Key  [Options].
  - If "Audio Device" connected, press the Right Soft Key  [Options], you can choose from the following options:
    - Remove Device:** Removes a device from the pairing list.
    - Rename Device:** Renames a paired device.

**Service Discovery:** To search for the services that the selected device supports.

**Device Info:** Displays device information.

- If "PC or Other Device" connected, press the Right Soft Key  [Options], you can choose from the following options:

**Remove Device:** Removes a device from the pairing list.

**Rename Device:** Renames a paired device.

**Incoming Security:** Sets permissions for connecting to an incoming device.

**Service Discovery:** To search for the services that the selected device supports.

**Send Name Card:** Send the stored phonebook to a selected device.

**Send Picture:** Send photos stored in My Pictures to a selected device.

**Send Video:** Send videos stored in My Videos to a selected device.




**Get Name Card:** Request and receive the Name card information of the other side.

**Device Info:** Displays device information.

## SETTINGS

### MY PHONE NAME




To edit the Bluetooth® name of your phone:

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
- Press the Right Soft Key  [Options].
- Press "1. My Phone Name".
- Use the numeric keypad to enter a new custom name.

- Press the OK Key  [OK] to save and exit.

### DISCOVERY MODE

To set whether your device is able to be searched for by other Bluetooth® devices in the area:

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
- Press the Right Soft Key  [Options].
- Press "2. Discovery Mode".


 If Bluetooth power is not on, you will be prompted to turn it on in order to proceed.

- Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

### SUPPORTED PROFILES






To view brief descriptions of the profiles supported by the phone:

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
- Press the Right Soft Key  [Options].

3. Press "3. Supported Profiles".
4. Press the Directional Key  up or down to select one of the following profiles, and then press the OK Key  [VIEW].  
Headset/Handsfree/Dial Up Networking/Stereo/Phonebook Access/Object Push/File Transfer

#### AUTO PAIR HANDSFREE


















To set Auto Pair Handsfree On/Off:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **3. Bluetooth Menu**.
2. Press the Right Soft Key  [Options].
3. Press "4. Auto Pair Handsfree".
4. Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

## SOUNDS SETTINGS

### EASY SET UP



To set up phone sounds using the Easy Set Up Wizard:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 1. Easy Set Up**.
2. Select the CALL SOUNDS ringer type by pressing the Directional Key  up or down, then press the OK Key  [SET].  
 To skip selecting the CALL SOUNDS ringer type, press the Left Soft Key  [Skip].
3. Select the CALL SOUNDS ringtone by pressing the Directional Key  up or down, then press the OK Key  [SET].  
 • To play the selected ringtone, press the Left Soft Key  [Play].  
• To skip selecting the CALL SOUNDS ringtone, press the Left Soft Key  [Skip].
4. Select the KEYPAD VOLUME by pressing the Directional Key  up or down, then press the OK Key  [SET].  
 To skip selecting the KEYPAD VOLUME, press the Left Soft Key  [Skip].
5. Select the TEXT MESSAGE ALERTS ringer type by pressing the Directional Key  up or down, then press the OK Key  [SET].


 To skip selecting the TEXT MESSAGE ALERTS ringer type, press the Left Soft Key  [Skip].

6. Select the TEXT MESSAGE ALERTS ringtone by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To play the selected ringtone, press the Left Soft Key  [Play].  
• To skip selecting the TEXT MESSAGE ALERTS ringtone, press the Left Soft Key  [Skip].

7. Select the PIC/VIDEO/VOICE MESSAGE ringer type by pressing the Directional Key  up or down, then press the OK Key  [SET].

 To skip selecting the PIC/VIDEO/VOICE MESSAGE ringer type, press the Left Soft Key  [Skip].

8. Select the PIC/VIDEO/VOICE MESSAGE ringtone by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To play the selected ringtone, press the Left Soft Key  [Play].  
• To skip selecting the PIC/VIDEO/VOICE MESSAGE ringtone, press the Left Soft Key  [Skip].

9. Select the VOICEMAIL MSG ALERTS ringer type by pressing the Directional Key  up or down, then press the OK Key  [SET].

 To skip selecting the VOICEMAIL MSG ALERTS ringer type, press the Left Soft Key  [Skip].

10. Select the VOICEMAIL MSG ALERTS ringtone by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To play the selected ringtone, press the Left Soft Key  [Play].  
• To skip selecting the VOICEMAIL MSG ALERTS ringtone, press the Left Soft Key  [Skip].






11. "SOUNDS EASY SET UP COMPLETE" will be displayed.

### CALL SOUNDS

To set ringtones for types of incoming calls:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 2. Call Sounds**.

#### CALL RINGTONE

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 2. Call Sounds, 1. Call Ringtone**.
2. Press the Directional Key  up or down to select a ringtone, then press the OK Key  [OK] to save the sound. To play the ringtone, press the Left Soft Key  [Play].

## CALL VIBRATE

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 2. Call Sounds, 2. Call Vibrate**.
2. Press the Directional Key up or down to select "On/Off", then press the OK Key [OK].

## ALERT SOUNDS

To select the alert type for a new message:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 3. Alert Sounds**.
2. Press the Directional Key up or down to select "1. TXT Message", "2. Pic/Video/Voice Message", "3. Voicemail" then press the OK Key [OK].
3. Press the Directional Key up or down to select "Tone", "Vibrate", "Reminder", then press the OK Key [OK].
  - **Tone:** Press the Directional Key up or down to select a ringer, then press the OK Key [OK]. To play the alert tone, press the Left Soft Key [Play].

- **Vibrate:** Press the Directional Key up or down to select "On/Off", then press the OK Key [OK].
- **Reminder:** Press the Directional Key up or down to select "Once", "Every 2 Minutes", "Every 15 Minutes", "Off", then press the OK Key [OK].

## EMERGENCY TONE

To set the alert for emergency dialing.

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 3. Alert Sounds, 4. Emergency Tone**.
2. Press the Directional Key up or down to select one of the following settings, then press the OK Key [OK].  
**Alert/Vibrate/Off**

## KEYPAD VOLUME

To set the keypad volume:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 4. Keypad Volume**.
2. Adjust the volume by pressing the Directional Key up or down, then press the OK Key [OK] to save the setting.

## SERVICE ALERTS

To set any of the three Alert options to either On or Off:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 5. Service Alerts**.
2. Press the Directional Key up or down to select one of the following options, then press the OK Key [OK].
  - **ERI:** The Enhanced Roaming Indicator (ERI) feature displays a text banner on the display screen informing the handset user of which systems the wireless device is using as compared to the service plan they purchased. The ERI Banner text changes to tell a customer if they are using the: "Verizon Wireless Network", "Extended Network" or "Roaming".
  - **Minute Beep:** Alerts you every minute during a call.
  - **Call Connect:** Alerts you when the call is connected.
3. Press the Directional Key up or down to select "On/Off", then press the OK Key [OK].

## DEVICE CONNECT

Allows you to turn the Device Connect On or Off:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 6. Device Connect**.

2. Press the Directional Key up or down to select "On/Off", then press the OK Key [OK].

## POWER ON/OFF

To set the phone to sound a tone when the phone is powered on/off:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **4. Sounds Settings, 7. Power On/Off**.
2. Press "1. Power On" or "2. Power Off".
3. Press the Directional Key up or down to select "On/Off", then press the OK Key [OK].

## DISPLAY SETTINGS

Allows you to customize the display.



## EASY SET UP

To set up display options using the Easy Set-Up Wizard:

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 1. Easy Set Up**.

2. Enter the text to be displayed on your main screen, then press the OK Key  [SET].



-  To change the input mode, press the Left Soft Key  [Abc].
- To skip entering the personal banner, press the Left Soft Key  [Skip].

3. Set the Backlight duration for main display by pressing the Directional Key  up or down, then press the OK Key  [SET].



-  To skip selecting the display backlight time, press the Left Soft Key  [Skip].

4. Set the Backlight duration for keypad by pressing the Directional Key  up or down, then press the OK Key  [SET].



-  To skip selecting the keypad backlight time, press the Left Soft Key  [Skip].

5. Select the Main Screen Wallpaper image by pressing the Directional Key  up, down, left or right, then press the OK Key  [SET].



-  To preview the selected wallpaper image, press the Left Soft Key  [View].
- To skip selecting the Main Screen Wallpaper image, press the Left Soft Key  [Skip].




6. Select the Front Screen Wallpaper image by pressing the Directional Key  up, down, left or right, then press the OK Key  [SET].



-  To preview the selected wallpaper image, press the Left Soft Key  [View].
- To skip selecting the Front Screen Wallpaper image, press the Left Soft Key  [Skip].

7. Select the Display Theme for your device by pressing the Directional Key  up or down, then press the OK Key  [SET].



-  To preview the selected display theme image, press the Left Soft Key  [Preview].
- To skip selecting the Display Theme image, press the Left Soft Key  [Skip].

8. Select your device's Main Menu layout by pressing the Directional Key  up or down, then press the OK Key  [SET].



-  To preview the selected main menu layout style, press the Left Soft Key  [Preview].
- To skip selecting the Main Menu Layout, press the Left Soft Key  [Skip].

9. Select Dial Font Size by pressing the Directional Key  up or down, then press the OK Key  [SET].

-  To preview the selected the Dial Fonts size, press the Left Soft Key  [Preview].
- To skip selecting the Dial Fonts size, press the Left Soft Key  [Skip].

10. Select the format of the Main Screen Clock by pressing the Directional Key  up or down, then press the OK Key  [SET].

-  To preview the selected the Main Screen Clock format, press the Left Soft Key  [Preview].
- To skip selecting the Main Screen Clock format, press the Left Soft Key  [Skip].

11. Select the format of the Front Screen Clock by pressing the Directional Key  up or down, then press the OK Key  [SET].

-  To preview the selected the Front Screen Clock format, press the Left Soft Key  [Preview].
- To skip selecting the Front Screen Clock format, press the Left Soft Key  [Skip].




12. "DISPLAY EASY SET UP COMPLETE" will be displayed.

## BANNER

To set your Personal or ERI Banner:

### PERSONAL BANNER

The Personal Banner can be up to 16 characters and is displayed on your phone's screen in standby mode.

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 2. Banner, 1. Personal Banner**.
- Enter your banner text (up to 16 characters) then press the OK Key  [OK].

### ERI BANNER





If you use ERI Service, ERI Text is shown on the sub banner.

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 2. Banner, 2. ERI Banner**.

- Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

## BACKLIGHT

To set the duration for backlight illumination for the Main Screen and Keypad:

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 3. Backlight**.
- Press "1. Display" or "2. Keypad".
- Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].  
**7 Seconds/15 Seconds/30 Seconds/Always On/Always Off**






-  Even if "Always On" is selected for the Backlight setting, the backlight will turn off when the phone is closed.

## WALLPAPER

To choose the kind of Main LCD or Front LCD background to be displayed on the phone:





### MAIN SCREEN

To choose the kind of Main LCD background to be displayed on the phone:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 4. Wallpaper, 1. Main Screen**.
2. Press "1. My Pictures" or "2. My Videos".
3. Select from the available screens, then press the OK Key  [OK]. To view an image, press the Left Soft Key  [View]. To play a video clip, press the Left Soft Key  [Play].
4. Press the Right Soft Key  [Get New], "1. Get New Applications" to download other available selections.





#### FRONT SCREEN

To choose the Front LCD background to be displayed on the phone:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 4. Wallpaper, 2. Front Screen**.
2. Select from the available screens, then press the OK Key  [OK]. To view the image, press the Left Soft Key  [View].
3. Press the Right Soft Key  [Get New], "1. Get New Applications" to download other available selections.

#### DISPLAY THEMES





To choose the background screen:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 5. Display Themes**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [SET].  
**Classic/Modern/White/Wine**

#### MAIN MENU SETTINGS




To change the Main Menu layout and type:

##### TO SET TAB MENU LAYOUT







1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 1. Menu Layout**.
2. Press the Directional Key  up or down to select "Tab", and then press the OK Key  [OK].

#### RESET TAB MENU LAYOUT







To reset to the main menu layout:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 2. Reset Menu Layout**.
2. Press the OK Key  [OK] to select "Yes".







##### TO SET LIST MENU LAYOUT

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 1. Menu Layout**.
2. Press the Directional Key  up or down to select "List", and then press the OK Key  [OK].
3. Menu type enables you to choose a main menu which contains menu items that best fits your needs. Press the Directional Key  up or down to select a type and press the OK Key  [OK] to set phone's main menu.  
**Communicator/Multimedia**





#### REPLACE LIST MENU ITEMS

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 2. Replace Menu Items**.
2. Press the Directional Key  up or down to select the item you want to replace then press the OK Key  [Edit].
3. Press the Directional Key  up or down to select the item you want to replace it with then press the OK Key  [Set].  
**My Ringtones/My Pictures/Bluetooth Menu/Calculator/My Videos/Games/V CAST Music/VCAST Videos**







##### POSITION LIST MENU ITEMS

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 3. Position Menu Items**.
2. Press the Directional Key  up or down to select the item you want to move then press the OK Key  [Move].
3. Press the Directional Key  up or down to change the position of this item then press the OK Key  [Set].

## RESET LIST MENU SETTINGS

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 4. Reset Menu Settings**.
2. Press the Directional Key  up or down to select one of the following options, and then press the OK Key  [OK].
  - **Menu Layout:** To restore menu layout to the initial menu layout. (List).
  - **Menu Items:** To restore menu items to the initial content of the menu.
  - **Item Positions:** To restore menu items to their initial positions.
  - **All:** To restore all to your initial menu settings.







## TO SET GRID MENU LAYOUT

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 1. Menu Layout**.
2. Press the Directional Key  up or down to select "Grid", and then press the OK Key  [OK].
3. Menu type enables you to choose a main menu which contains menu items that best fits your needs. Press the Directional Key  up or down to select a type and press the OK Key  [OK] to





set phone's main menu.

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## REPLACE GRID MENU ITEMS





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 2. Replace Menu Items**.
2. Press the Directional Key  up, down, left or right to select the item you want to replace then press the OK Key  [Edit].
3. Press the Directional Key  up or down to select in the list the item you want to replace it with then press the OK Key  [Set].  
**My Ringtones/My Pictures/Bluetooth Menu/Calculator/My Videos/Games/V CAST Music/VCAST Videos**

## POSITION GRID MENU ITEMS

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 3. Position List Menu Items**.
2. Press the Directional Key  up, down, left or right to select the item you want to move then press the OK Key  [Move].





3. Press the Directional Key  up or down to change the position of this item then press the OK Key  [SWAP].

## RESET GRID MENU SETTINGS

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 6. Main Menu Settings, 4. Reset Menu Settings**.
2. Press the Directional Key  up or down to select one of the following options, and then press the OK Key  [OK].
  - **Menu Layout:** To restore menu layout to the initial menu layout. (Grid).
  - **Menu Items:** To restore menu items to the initial content of the menu.
  - **Item Positions:** To restore menu items to their initial positions.
  - **All:** To restore all to your initial menu settings.





## DIAL FONTS

To set the font size:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 7. Dial Fonts**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].  
**Normal/Large Only**





## MENU FONT SIZE

To set the menu font size:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 8. Menu Font Size**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].  
**Normal/Large**

## CLOCK FORMAT

To choose the kind of clock to be displayed on the Main LCD or Front LCD screen:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **5. Display Settings, 9. Clock Format**.
2. Press "1. Main Clock" or "2. Front Clock".
3. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - **Main Clock:** Analog/Large Analog/Digital12/Large Digital12/Digital24/Large Digital24/Off ("Digital12" is the default setting for this device.)
  - **Front Clock:** Digital/Analog/Minimize/Off ("Digital" is the default setting for this device.)



## PHONE SETTINGS

### AIRPLANE MODE







In Airplane Mode, all menu functions can be accessed except making calls, receiving calls, data connection and Bluetooth®. Activating Airplane Mode will disable all wireless communications. In Airplane Mode, services that support Location On functions like Chaperone are temporarily disabled.

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 1. Airplane Mode**.
2. Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

### SET SHORTCUTS








Your phone offers you the option of assigning a shortcut key (Directional Key left, right, up, and down) to a favorite or often-used function. In addition, choose menu settings for each of the shortcut options under **Set My Shortcuts** (Directional Key right).

 In idle mode, press the Directional Key  right to connect **Set Shortcuts** menu and press the Left Soft Key  [Settings].

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 2. Set Shortcuts, 1. Set My Shortcuts**.
2. Press the Directional Key  up or down to select "Shortcut 1", "Shortcut 2", "Shortcut 3", or "Shortcut 4", and then press the OK Key  [SET].
3. Press the Directional Key  up or down to select one of the following functions, then press the OK Key  [OK].
  - Alarm Clock / • Bluetooth Menu / • Bluetooth on/off / • Browse & Download / • Calculator / • Calendar / • Call Settings / • Chat / • Display Settings / • Extras / • Games / • Get New Extra / • Get New Game / • Get New Pictures / • Get New Ringtones / • Get New Browser & Download / • Media Center / • Messaging Inbox / • Mobile IM / • Mobile Web / • Mobile Web Mail / • Tunes & Tones / • My Music / • My Pictures / • My Ringtones / • My Sounds / • My Verizon / • My Videos / • New Contact / • New TXT Message / • New Picture Message / • New Video Message / • Notepad / • Online Album / • Phone Settings / • Picture & Video / • Play All Songs / • Settings & Tools / • Sounds Settings / • Sync Music / • Tools / • Download Application Alphabet







 The "Download Application Alphabet" option only appears when you have downloaded Brew Applications.




In standby mode, pressing the Directional Key  right will display the "My Shortcuts" screen. On the "My Shortcuts" screen, you can press the Directional Key  up or down to select a function and then press the OK Key  [OK] to access the function. On the "My Shortcuts" screen, you can relocate a function by pressing the Right Soft Key  [Move], pressing the Directional Key  up or down, and then pressing the OK Key  [SAVE]. Or you can press the Left Soft Key  [Settings] to Set My Shortcuts or Set Directional Keys.




### RESETTING MY SHORTCUTS

To restore My Shortcuts to their original defaults:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 2. Set Shortcuts, 1. Set My Shortcuts**.
2. Press the Directional Key  up or down to select "Shortcut 1", "Shortcut 2", "Shortcut 3", or "Shortcut 4", and then press the Right Soft Key  [Options].
3. Press "1. Reset Shortcut (1, 2, 3, or 4)", or "2. Reset My Shortcuts".
4. Press the Directional Key  up or down to select "Yes", then press the OK Key  [OK].

### SET DIRECTIONAL KEYS

In standby mode, you can specify the function that is accessed when you press the Directional Key  up, down or left.







1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 2. Set Shortcuts, 2. Set Directional Keys**.
2. Press the Directional Key  up or down to select "UP Directional Key", "LEFT Directional Key", or "DOWN Directional Key", and then press the OK Key  [SET].
3. Press the Directional Key  up or down to select one of the following functions, and then press the OK Key  [OK].
  - Alarm Clock / • Bluetooth Menu / • Bluetooth on/off / • Browse & Download / • Calculator / • Calendar / • Call Settings / • Chat / • Display Settings / • Extras / • Games / • Get New Extra / • Get New Game / • Get New Pictures / • Get New Ringtones / • Get New Browser & Download / • Media Center / • Messaging Inbox / • Mobile IM / • Mobile Web / • Mobile Web Mail / • Tunes & Tones / • My Music / • My Pictures / • My Ringtones / • My Sounds / • My Verizon / • My Videos / • New Contact / • New TXT Message / • New Picture Message / • New Video Message / • Notepad / • Online Album / • Phone Settings / • Picture & Video / • Play All Songs / • Settings & Tools / • Sounds Settings / • Sync Music / • Tools / • Download Application Alphabet



The "Download Application Alphabet" option only appears when you have downloaded Brew Applications.

## RESETTING THE DIRECTIONAL KEY SETTINGS

Use the following procedure to specify the default directional key settings.

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 2. Set Shortcuts, 2. Set Directional Keys**.
2. Press the Directional Key  up or down to select “UP Directional Key”, “LEFT Directional Key”, or “DOWN Directional Key”, and then press the Right Soft Key  [Options].
3. Press “1. Reset (UP, LEFT or DOWN) Key”, or “2. Reset Directional Keys”.
4. Press the Directional Key  up or down to select “Yes”, then press the OK Key  [OK].

## VOICE COMMANDS

You can use voice commands to control your device.



### MODE


1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 3. Voice Commands**.

2. Press “1. Mode”, then select one of the following:
  - **Prompt:** Reads out only the command prompts in voice command.
  - **Readout:** Reads out prompts, menus, outgoing contact name, status information, and confirming message recipient (contact name and type or number) when using the Send command.
  - **Tones Only:** Will only prompt the user with a tone (in place of the Readout prompt).

 If you change the setting details in the phone's mode in Voice Commands, it will affect the mode in Sound (refer to [page 94](#)) or vice versa.





### CALL ALERT

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 3. Voice Commands**.
2. Press “2. Call Alert”, then select one of the following:
  - **Ring Only:** Deactivate Caller ID. You can hear ringtone only.
  - **Caller ID + Ring:** Playback the Caller ID once and then you will hear ringtone.
  - **Name Repeat:** Activate Caller ID. You will hear the caller's details repeatedly.





 For more information about the enhanced voice commands supported by your device, see “Voice Tools”. Please refer to [page 90](#) for more details.

## LANGUAGE

To set the bilingual feature to either English or Spanish:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 4. Language**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - English/Español

## LOCATION

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 5. Location**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - **Location On:** Your location is now available to the network.
  - **E911 Only:** Your location will be hidden from the network and applications, except for 911.

 When “Lock Setting” is selected for Location Settings under “Restrictions” on the Security Menu, you will need to enter a Lock Code. The default Lock Code is “0000”.






## SECURITY


The Security menu allows you to electronically secure the phone.

 The default lock code is the last 4 digits of your Mobile Telephone Number.

### EDIT CODES





To set a new Lock Code:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 6. Security**.
2. Enter the four-digit lock code, then press the OK Key  [OK].
3. Press “1. Edit Codes”.
4. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - **Phone Only:** Allows you to edit the Lock Code for Security. (The default Lock Code is the last 4 digits of your Mobile Telephone Number.)
  - **Calls & Services:** Allows you to edit the Lock Code for Restrictions. (The default Lock Code is “0000”.)
5. If “Phone Only” is selected, enter the new four-digit code in the “Enter New Code” field. Enter the new four-digit code again in the “Re-enter New Code” field.

- If "Calls & Services" is selected, enter the current lock code in the "Enter Current Code" field. Enter the new four-digit code in the "Enter New Code" field. Enter the new four-digit code again in the "Re-enter New Code" field.
- Press the OK Key  [OK].

### RESTRICTIONS

Use the following procedure to configure Location Setting, Calls and Messages restrictions.




- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 6. Security**.
- Enter the four-digit Lock Code, then press the OK Key  [OK]. The default Lock Code is last 4 digits of your Mobile Telephone Number.
- Press "2. Restrictions".
- Enter the four-digit Lock Code again, then press the OK Key  [OK].

- Select one of the following settings:

- Location Setting:** *Unlock Setting/Lock Setting.*
- Calls:** *Incoming Calls/Outgoing Calls*  
For Incoming Calls, set *Allow All/Contacts Only/Block All.*  
For Outgoing Calls, set *Allow All/Contacts Only/Block All.*
- Messages:** *Incoming Messages/Outgoing Messages*  
For Incoming Messages, set *Allow All/Block All.*  
For Outgoing Messages, set *Allow All/Block All.*
- Dial-Up Modem:** *Allow/Block.*

### PHONE LOCK SETTING

This setting specifies whether the phone should be locked whenever it is turned on. Lock Mode prevents the unauthorized use of your phone. Once the phone is locked, it is in restricted mode until the Lock Code is entered. You can still make emergency calls. You can modify the Lock Code using the new Lock code within the Security menu.






- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 6. Security**.
- Enter the four-digit Lock Code, then press the OK Key  [OK]. The default lock code is the last 4 digits of your Mobile Telephone Number.
- Press "3. Phone Lock Setting".

- Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].

- Unlocked:** Phone is unlocked.
- On Power Up:** Phone will lock when it is turned on.








### LOCK PHONE NOW

Lock the phone now.

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 6. Security**.
- Enter the four-digit Lock Code, then press the OK Key  [OK]. The default Lock Code is the last 4 digits of your mobile telephone number.
- Press "4. Lock Phone Now".
- To unlock the phone, in standby mode, press the Right Soft Key  [Unlock] and enter the four-digit Lock Code, then press the OK Key  [OK].





### RESTORE PHONE

To delete all User Data and restore all settings to their initial defaults:

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 6. Security**.
- Enter the four-digit Lock Code, then press the OK Key  [OK].
- Press "5. Restore Phone".
- After reading the warning message that appears, press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].
- After reading the message that appears, press the OK Key  [OK].
- Follow the on-screen prompt, then press the OK Key  [OK]. The phone will turn off and then back on again automatically.

### SYSTEM SELECT

You can set your phone to search or roam on another network when you are not in your home area. Leave this setting as default unless you want to alter the system selection as instructed by your service provider.






1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 7. System Select**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - **Automatic B:** Scan radio channels based on the Automatic B setting.
  - **Automatic A:** Scan radio channels based on the Automatic A setting.
  - **Home Only:** Only within your home area or home affiliated area.

## NAM SELECTION

Enables Auto NAM (Number Assignment Modules) or manually selects a NAM.






### AUTO NAM

Automatically switches phone to proper NAM when you have multiple NAM registrations.

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 8. NAM Selection**.
2. Press the Directional Key  up or down to select “**1. Auto NAM**”, then press the OK Key  [OK].
3. Select “**On/Off**”, then press the OK Key  [OK].

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## CHANGE NAM

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **6. Phone Settings, 8. NAM Selection**.
2. Press the Directional Key  up or down to select “**2. Change NAM**”, then press the OK Key  [OK].
3. Select “**NAM 1 - VERIZON**” or “**NAM 2 - VERIZON**”, then press the OK Key  [OK].

## CALL SETTINGS

### ANSWER OPTIONS

To determine how to handle an answered call:


1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 1. Answer Options**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [MARK].  
**Flip Open/Any Key/Auto w/ Hands-free.**



“Flip Open” is the default setting for this device.





3. Press the Left Soft Key  [Done].



- When the phone is closed, the Auto w/ Hands-free Mode will not function, except when connected to a headset.
- The Auto w/ Hands-free will function after about five seconds.
- Auto w/ Hands-free is available only when connected to a headset or hands-free device.
- The three functions can be used at the same time.
- To answer all incoming calls, press the SEND Key .





### AUTO RETRY

To set the length of time the phone waits before automatically redialing a number when the attempted call fails:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 2. Auto Retry**.
2. Press the Directional Key  up or down to select the following settings, then press the OK Key  [OK].  
**10 Seconds/30 Seconds/60 Seconds/Off.**





## TTY MODE

You can attach a TTY device to your phone enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 3. TTY Mode**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].  
**TTY Full/TTY + Talk/TTY + Hear/TTY Off.**

## ONE TOUCH DIAL

To initiate a speed dial call by holding down the speed dial digit:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 4. One Touch Dial**.
2. Press the Directional Key  up or down to select “**On/Off**”, then press the OK Key  [OK].



If One Touch Dial is disabled, Speed Dial numbers designated in your Contacts will not function.





## VOICE PRIVACY

To turn the voice privacy feature On or Off:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 5. Voice Privacy**.
2. Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

## DTMF TONES

To set the Key Tone length and touch tone playback speed:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 6. DTMF Tones**.
2. Press the Directional Key  up or down to select one of the following settings, then press the OK Key  [OK].
  - **Normal:** Sends out a tone for a fixed period of time even if you continue to press the key.
  - **Long:** Sends out a continuous tone for the duration the key is pressed and held.







## PTT MODE

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **7. Call Settings, 7. PTT Mode**.
2. Press the Directional Key  up or down to select "On/Off", then press the OK Key  [OK].

## MEMORY

### SAVE OPTIONS

To select whether to save to Phone Memory or to Card Memory when saving a file:




1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 1. Save Options**.
2. Press the Directional Key  up or down to select one of the following settings, and then press the OK Key  [OK].  
**Pictures/Videos/Sounds**
3. Press the Directional Key  up or down to select one of the following settings, and then press the OK Key  [OK].  
**Phone Memory/Card Memory**

## PHONE MEMORY

Select this option to display Phone Memory information, and to delete or move files saved in Phone Memory.





### PHONE MEMORY USAGE

To check the available Phone Memory capacity, used capacity, and total capacity:










1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 2. Phone Memory**.
2. Press "1. Phone Memory Usage".
3. Press the OK Key  [OK] to return to the previous screen.

### DELETING AND MOVING FILES

To delete files stored in Phone Memory, and to move files from Phone Memory to Card Memory:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 2. Phone Memory**.
2. Press the Directional Key  up or down to select one of the following settings, and then press the OK Key  [OK].

### My Pictures/My Videos/My Ringtones/My Music/My Sounds

3. Press the Right Soft Key  [Options].
4. Press the Directional Key  up or down to select "1. Erase" if you want to delete a file or "2. Move" if you want to move a file to Card Memory, and then press the OK Key  [OK].
5. Press the Directional Key  up or down to select a file, press the OK Key  [MARK] or the Right Soft Key  [Mark All], and then press the Left Soft Key  [Done].
6. Press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].

### MOVING ALL FILES TO CARD MEMORY

To move all files from Phone Memory to Card Memory:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 2. Phone Memory**.
2. Press the Directional Key  up or down to select "7. Move All To Card", and then press the OK Key  [OK].

3. Press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].

 Do not remove the memory card from the phone while a file is being moved to Card Memory.


## CARD MEMORY

Select this option to display Card Memory information, and to delete or move files saved in Card Memory.

 Memory card must be inserted into the phone to perform these functions.














### CARD MEMORY USAGE

To check the available Card Memory capacity, used capacity, and total capacity:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 3. Card Memory**.
2. Press "1. Card Memory Usage".
3. Press the OK Key  [OK] to return to the previous screen.







## DELETING AND MOVING FILES

To delete files stored in Card Memory, and to move files from Card Memory to Phone Memory:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 3. Card Memory**.
2. Press the Directional Key  up or down to select one of the following settings, and then press the OK Key  [OK].  
**My Pictures/My Videos/My Ringtones/My Music/My Sounds**
3. Press the Right Soft Key  [Options].
4. Press the Directional Key  up or down to select "1. Erase" if you want to delete a file or "2. Move" if you want to move a file to Phone Memory, and then press the OK Key  [OK].
5. Press the Directional Key  up or down to select a file, press the OK Key  [MARK] or the Right Soft Key  [Mark All], and then press the Left Soft Key  [Done].
6. Press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].

## MOVING ALL FILES TO PHONE MEMORY



To move all files from Card Memory to Phone Memory:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **8. Memory, 3. Card Memory**.
2. Press the Directional Key  up or down to select "7. Move All To Phone", and then press the OK Key  [OK].
3. Press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].




## PHONE INFO

### MY NUMBER

To view your phone number:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **9. Phone Info, 1. My Number**.
2. The following information appears:  
**Mobile Device Number (MDN)/Mobile Identifications Number (MIN)/Other device information**

## SW/HW VERSION

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **9. Phone Info, 2. SW/HW Version**.
2. Displays the Software Version/PRL Version/ERI Version/Browser Version/Media Center Version/MSUI Version/HW Version/MEID.
3. Press the OK Key  [OK] to return to the previous screen.

## ICON GLOSSARY

To view all the icons and their meanings:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **9. Phone Info, 3. Icon Glossary**.
2. Press the OK Key  [OK] to return to the previous screen.

 Please refer to page 10 for more details about "Display Indicators".

## SOFTWARE UPDATE

The update phone firmware (software) option allows you to download and update the software in your phone automatically. Only the internal software is updated; no Contacts entries or other information saved to your phone will be deleted.

## STATUS

Check the latest Software Download/Update status.

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **9. Phone Info, 4. Software Update**.
2. Select **"1. Status"**.

## CHECK NOW



To check Download Server for new Software updates:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **9. Phone Info, 4. Software Update**.
2. Select **"2. Check New"**.



## SET UP WIZARD




To set up options using the Set Up Wizard:



1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **0. Set Up Wizard**.

2. Select the CALL SOUNDS ringer type by pressing the Directional Key  up or down, then press the OK Key  [SET].



 To skip selecting the CALL SOUNDS ringer type, press the Left Soft Key  [Skip].


3. Select the CALL SOUNDS ringtone by pressing the Directional Key  up or down, then press the OK Key  [SET].



 • To play the selected ringtone, press the Left Soft Key  [Play].  
• To skip selecting the CALL SOUNDS ringtone, press the Left Soft Key  [Skip].

4. Select the Display Theme for your device by pressing the Directional Key  up or down, then press the OK Key  [SET].



 • To preview the selected display theme image, press the Left Soft Key  [Preview].  
• To skip selecting the Display Theme image, press the Left Soft Key  [Skip].

5. Select your device's Main Menu layout by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To preview the selected main menu layout style, press the Left Soft Key  [Preview].  
• To skip selecting the Main Menu Layout, press the Left Soft Key  [Skip].

6. Select the format of the Main Screen Clock by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To preview the selected the Main Screen Clock format, press the Left Soft Key  [Preview].  
• To skip selecting the Main Screen Clock format, press the Left Soft Key  [Skip].

7. Select the format of the Front Screen Clock by pressing the Directional Key  up or down, then press the OK Key  [SET].

 • To preview the selected the Front Screen Clock format, press the Left Soft Key  [Preview].  
• To skip selecting the Front Screen Clock format, press the Left Soft Key  [Skip].

8. **"SET UP COMPLETE"** will be displayed.


## VOICE COMMANDS



Your phone is equipped with an AVR (Advanced Voice Recognition) feature. This feature allows you to make calls or use the phone's functions by simply using your voice. All you have to do is talk into the phone, and the phone will recognize your voice and complete tasks by itself.

1. To access Voice Commands from standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 1. Voice Commands**.

 **Shortcut:** In idle mode, press the Side Voice Key  to access the Voice Commands menu.

2. The phone displays the Command menu and prompts you to say the name of the command you want to use. To complete your task, simply follow the voice prompts. You can speak the name of the command after you hear a beep.

 You can hear a beep in the Tone Only Mode (Settings & Tools > Phone Settings > Voice Commands > Mode > Tones Only Mode) while you can see a prompt without a beep sound in the Prompt Mode or Readout Mode.

3. Select one of the following options by pressing the Directional Key  up or down, press the OK Key .
  - Call <Name or #> / • Send <MSG Type> / • Go To <Shortcut> /

• Check <Item> / • Contact <Name> / • Play <Playlist> / • My Verizon / • Help

 In Voice Commands mode, press the Side Voice Key  up or down to adjust the voice commands volume.

4. When it recognizes one of these commands, the phone launches the associated application. If the phone does not hear a command within approximately eight seconds, AVR mode will turn itself off.

### CALL <NAME OR #>

Use the Call command to voice dial a name from your contact list or a phone number. When dialing a number, pronounce each digit, but do not pause noticeably between the digits.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. If calling a contact from your list, say Call <Name>. Your phone will ask you to confirm the name you said. Say "Yes" if it was repeated correctly. That phone number will be dialed. If there is more than one number saved for that contact, you will be asked to confirm which number to dial.

Examples: - Call Tom Smith, - Call 617 555-1212, - Call Bob Carson's mobile, - Call Dee Harper at Home.

### SEND <MSG TYPE>

Use the Send command to send a text or other type of message to a specified name or number.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Send" followed immediately by one of the following items:

• Text / • Picture / • Video

Examples: - Send Picture to Dee Harper's Mobile,  
- Send Video to Tom Jones Mobile,  
- Send Text Tom Smith.

### GO TO <SHORTCUT>

Use the Go To command to open an application on your phone. You can say "Go To" by itself and be prompted to say the application name, or you can skip the prompt by saying "Go To" followed by the application name.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Go To" followed immediately by one of the following items:
  - Contacts / • Recent Calls / • Messaging / • Media Center / • Settings & Tools /
  - Mobile Web / • V CAST Video / • My Music

### CHECK <ITEM>

The Check command lets you check status information for your phone. You can say "Check" or "Check Status" to see and hear all status information.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Check" followed immediately by one of the following items:

• Status / • Voicemail / • Messages / • Missed Calls / • Time /  
• Signal Strength / • Battery / • Volume

### CONTACTS <NAME>

Use the Lookup command to retrieve and display information for any name stored in your contact list.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Lookup <Name>".
 

Examples: - Lookup Tom Jones.
3. The View Contact page will be displayed for that contact name.



## PLAY <PLAYLIST>

Use the Play command to playback one of the playlists. Say "PLAY" followed by a playlist and your phone will playback the recognized playlist for you.

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Play <Playlist>".  
Say "Play All Songs" (to playback all songs saved in your phone.)

## MY VERIZON

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "My Verizon".
3. Your phone will make a web connection.

## HELP

1. You will hear "Please say a command" and the Voice Commands menu will be displayed.
2. Say "Help".
3. The Help guide will be displayed on your phone.

## VOICE COMMANDS SETTINGS

### DIGIT DIAL READOUT

The Digit Dial Readout setting controls if digits are read out when you type in a phone number with the keypad.

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
2. Press the Right Soft Key [Settings], "1. Digit Dial Readout".
3. Select "On/Off" by pressing the Directional Key up or down, then press the OK Key [OK].

### CONFIRMATION

When voice recognition is not confident it has recognized a name or number correctly, it will show you a list of up to three choices. You can control when choice lists appear.

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
2. Press the Right Soft Key [Settings], "2. Confirmation".

3. Select "Automatic," "Always Confirm" or "Never Confirm" by pressing the Directional Key up or down, then press the OK Key [OK].

### SENSITIVITY

The Sensitivity setting controls how the voice recognition software determines when a spoken word is a match. If you frequently experience the messages "Please Repeat..." or "No Match Found," adjust the sensitivity toward Reject Less. If you frequently experience false activations (when the phone recognizes a name you didn't say), adjust the sensitivity toward Most Sensitive.

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
2. Press the Right Soft Key [Settings], "3. Sensitivity".
3. Select "Most Sensitive," "Recommended" or "Least Sensitive" by pressing the Directional Key up or down, then press the OK Key [OK].

## ADAPTATION

Voice Command is speaker independent, which means that no training or adaptation is required. Some users with heavy accents or unusual voice characteristics may find difficulty in achieving high accuracy with speaker independent Voice Command, so the Adapt Voice feature allows users to dramatically improve the recognition accuracy through adaptation. Users who get acceptable recognition accuracy will find no additional benefit to performing the Adapt Voice adaptation.

1. From standby mode, press the OK Key [MENU], the Directional Key right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
2. Press the Right Soft Key [Settings], "4. Adaptation".
3. Select "1. Adapt Voice" or "2. Reset Voice" by pressing the Directional Key up or down, then press the OK Key [OK].
  - **Adapt Voice:** Requires that you make recordings of your voice to customize the voice recognitions system. It will take a few minutes.
  - **Reset Voice:** Once you finish the adaptation process, you can reset the adaptation to the factory default settings.









"Reset Voice" menu option only appears after you finish the "Adapt Voice" process.

4. Wait for the beep, and then repeat the sentences using a normal tone of voice.

- Repeat steps 1-4. When you are finished with a full session, you will reach a screen that reads "Adaptation Complete".






### PROMPTS

Allows you to select the voice command system characteristics.





- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
- Press the Right Soft Key  [Settings], "**5. Prompts**".
- Select "**1. Mode**" or "**2. Audio playback**" by pressing the Directional Key  up or down, then press the OK Key  [OK].
  - Mode:** Select the voice command system mode from the following:
    - Prompts:** For handset to read out voice command prompts.
    - Readout:** For handset to read out prompts, dialing digits and menus.
    - Tones Only:** For handset to prompt you with a tone only.
  - Audio playback:** Allows audio playback to play through the speakerphone or through the earpiece. Select "**Automatic**", "**Speakerphone**" or "**Earpiece**" by pressing the Directional Key  up or down.

### CALL ALERT

Provides audible readout of the phone number and/or name (if in your contact list) of an incoming call.


















- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
- Press the Right Soft Key  [Settings], "**6. Call Alert**".
- Select "**Ring Only**", "**Caller ID + Ring**" or "**Name Repeat**" by pressing the Directional Key  up or down, then press the OK Key  [OK].

### ABOUT

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **1. Voice Commands**.
- Press the Right Soft Key  [Settings], "**7. About**".
- The VoiceSignal version appears.
- To return to the previous screen, then press the OK Key  [OK].

### CALCULATOR

The Calculator allows you to perform simple mathematical calculations. To access the calculator:




- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **2. Calculator**.
- Follow the instructions below to calculate  $8 \times 6 \div 4 - 2.5 = 9.5$ 
  - Input 8 and then press the Directional Key  right.
  - Input 6 and then press the Directional Key  left.
  - Input 4 and then press the Directional Key  down.
  - Input 2 and then press the  to input (.).
  - Press 5.
  - Then press the OK Key  and you will see the answer (9.5).
- To reset, press the Left Soft Key  [Clear].
  - Directional Key  right : X, Directional Key  down : -, Directional Key  left :  $\div$ , Directional Key  up : +, \* Key  : ., Left Soft Key  : Clear, OK Key  : =.
  - To change the displayed number from positive (+) to negative (-) and vice versa, press # Key .
  - Press the Right Soft Key  [Operator] to use parenthesis "1. (" , "2. )" and "3. Exponent".

### CALENDAR

The Calendar tool provides easy and convenient access to your schedule. Simply store your appointments and your phone will alert you to them.

- From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools**, **3. Calendar**.


 **Shortcut:** In idle mode, press the Directional Key  down to access Calendar.

- Press the Directional Key  up, down, left or right to highlight the scheduled day.
- Press the Left Soft Key  [Add].
- The Appointment field is highlighted. Enter the name of the event. Press the Directional Key  down to set the other fields for the event:

### APPOINTMENT

Use the keypad to enter an appointment in your schedule.

### START TIME

Use the keypad to set a start time and press the Left Soft Key  for "am/pm".

## END TIME

Use the keypad to set an end time and press the Left Soft Key [Set] for "am/pm".

## START DATE

Use the keypad to change or enter the start date.

## RECURRENCE

Press the Directional Key [Left/Right] to set the recurrence of the event (Once, Daily, Weekly, Monthly, Yearly).

## END DATE

Use the keypad to change or enter the end date.

## TIME ZONES

If the Time Zone needs to be adjusted, press the Left Soft Key [Set]. Press the Directional Key [Up/Down] to select a new time zone then press the OK Key [OK].

• OFF / • EST / • EDT / • CST / • CDT / • MST / • MDT / • PST / • PDT / • AKST /  
• AKDT / • HAST / • HADT / • GMT/UTC

## ALERT

Press the Left Soft Key [Set] to select a new ringtone. Press the

Directional Key [Up/Down] to highlight a ringtone then press the OK Key [OK]. Press the Left Soft Key [Play] to preview a ringtone.

## VIBRATE

Press the Directional Key [Left/Right] to set "On/Off".

## REMINDER

Press the Directional Key [Left/Right] to select an alert time interval option.

• On Time / • 5 min before / • 10 min before / • 15 min before

5. Press the OK Key [SAVE] to save it. The date of the event will be marked on your calendar.

## VIEW PLAN LIST

1. From standby mode, press the OK Key [MENU], the Directional Key [Right] twice for **SETTINGS & TOOLS**, and press **2. Tools**, **3. Calendar**.
2. Press the Directional Key [Up/Down] to choose the event then press the OK Key [VIEW].

## ERASE SAVED EVENT

1. From standby mode, press the OK Key [MENU], the Directional Key [Right] twice for **SETTINGS & TOOLS**, and press **2. Tools**, **3. Calendar**.
2. Press the Directional Key [Up/Down] to choose the event then press the OK Key [VIEW].
3. Press the Left Soft Key [Erase], then press the Directional Key [Up/Down] to select "Yes", and then press the OK Key [OK].

## ERASE ALL PASSED EVENTS

1. From standby mode, press the OK Key [MENU], the Directional Key [Right] twice for **SETTINGS & TOOLS**, and press **2. Tools**, **3. Calendar**.
2. Press the Directional Key [Up/Down] to choose the event then press the OK Key [VIEW].
3. Press the Right Soft Key [Options], "6. Erase Passed", then press the Directional Key [Up/Down] to select "Yes", then press the OK Key [OK].

## ALARM CLOCK

The Alarm Clock tool allows you to set up to three alarms. When you set an alarm, the current time is displayed at the top of the screen. When the alarm goes off, Alarm 1 (or 2 or 3, as applicable) will be displayed on the LCD screen and the alarm will sound.

1. From standby mode, press the OK Key [MENU], the Directional Key [Right] twice for **SETTINGS & TOOLS**, and press **2. Tools**, **4. Alarm Clock**.
2. Press the Directional Key [Up/Down] to highlight an Alarm (1, 2, or 3), then press the OK Key [OK].
3. The setting field will be highlighted. Press the Directional Key [Down] to select alarm options.

## ALARM

Press the Directional Key [Left/Right] to select "On/Off".




## TIME


Use the keypad to set a time for the alarm and press the Left Soft Key [Set] for "am/pm".

## FREQUENCY






Press the Directional Key  left or right to select a setting for the alarm (*Once, Daily, Mon - Fri, Weekends*).

## RINGER







Press the Left Soft Key  [Set] to "1. Get New Ringtones" or select the alert tone you wish to set. Press the Left Soft Key  [Play] to preview a ringtone. Press the OK Key  [OK] to make your selection.

4. To save an alarm setting, press the OK Key  [SAVE].







## TURN ON/OFF THE ALARM SETTING

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 4. Alarm Clock**.
2. Press the Directional Key  up or down to highlight an Alarm (1, 2, or 3), then press the Right Soft Key  [Options].
3. Select "Turn On/Turn Off" then press the OK Key  [OK].

## RESET THE ALARM SETTING

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 4. Alarm Clock**.
2. Press the Directional Key  up or down to highlight an Alarm (1, 2, or 3), then press the Right Soft Key  [Options].
3. Select "Reset Alarm", then press the Directional Key  up or down to select "Yes", then press the OK Key  [OK].

## RESET ALL ALARM SETTINGS





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 4. Alarm Clock**.
2. Press the Directional Key  up or down to highlight an Alarm (1, 2, or 3), then press the Right Soft Key  [Options].
3. Select "Reset All", then press the Directional Key  up or down to select "Yes", and then press the OK Key  [OK].

## STOP WATCH




Simultaneously times up to eight different events. To operate the stop watch:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 5. Stop Watch**.

## TO MEASURE A TIME PERIOD

1. To start the stop watch, press the OK Key  [START].
2. To pause it, press the OK Key  [STOP].
3. To resume it, press the OK Key  [START].
4. To reset it, press the Right Soft Key  [Reset].







## TO TIME UP TO EIGHT EVENTS AT ONCE:

1. To start the stop watch, press the OK Key  [START].
2. To stop a time period and continue measuring another one, press the Left Soft Key  [Lap].
3. To stop the second and continue measuring a third one, press the Left Soft Key  [Lap].












4. To measure up to eight time periods, repeat the above steps.
5. To stop the stop watch, press the OK Key  [STOP].
6. To review the results, press the Left Soft Key  [View].
7. To return to the stop watch, press the OK Key  [OK].
8. To reset it, press the Right Soft Key  [Reset].

## WORLD CLOCK

To display the time and date in pre-programmed cities:





1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 6. World Clock**.
2. Press the Left Soft Key  [Cities] to access the **CITIES LIST**. Press the Directional Key  up or down to select the city, then press the OK Key  [OK]. Or, press the Directional Key  left, or right to select your city using the world map.
3. The world map appears with the city, its date, and time.

## DST (DAYLIGHT SAVING TIME) SETTING

1. Press the Right Soft Key  [DST] to set the DST options. Press the Directional Key  left or right to select City and then press the Directional Key  down.
2. Press the Directional Key  left or right to turn DST (Daylight Savings Time) "On/Off". Press the Directional Key  down.
3. Under "Start Date", use the keypad to change or enter the start date and then press the Directional Key  down.
4. Under "Start Time", use the keypad to set a start time and press the Left Soft Key  for "am/pm" and then press the Directional Key  down.
5. Under "End Date", use the keypad to change or enter the end date and then press the Directional Key  down.
6. Under "End Time", use the keypad to set a end time and press the Left Soft Key  for "am/pm".
7. To save a DST setting, press the OK Key  [SAVE].

## NOTEPAD

Your phone includes an internal notepad that can be used to compose and store reminders and notes. To create a note:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 7. Notepad**.
2. Press the Left Soft Key  [New] to write a new note. When you are done, press the OK Key  [SAVE].





## VIEW SAVED MEMO

To view a saved memo:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 7. Notepad**.
2. Press the OK Key  [VIEW] to view a selected Note.





## ERASE SAVED MEMO

To erase a saved memo:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 7. Notepad**.
2. Press the Right Soft Key  [Options], then select "Erase."
3. Press the OK Key  [OK] to select "Yes."

## ERASE ALL SAVED MEMOS

To erase all saved memos:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **2. Tools, 7. Notepad**.
2. Press the Right Soft Key  [Options], then select "Erase All."
3. Press the OK Key  [OK] to select "Yes."

## MY VERIZON

To access your Verizon account information:

1. From standby mode, press the OK Key  [MENU], the Directional Key  right twice for **SETTINGS & TOOLS**, and press **1. My Verizon**.

 **Shortcut:** In idle mode, press the Directional Key  left to access My Verizon.

## MEDIA CENTER

Your phone provides a unique feature -Media Center- that enables you to download ringtones, wallpapers, games and more from your network to your phone. Please contact your service provider for the availability of these services.

Using the microSD card  
Music & Tones  
Picture & Video  
Games  
Mobile Web  
Browse & Download  
Extras  
Media center info

## USING THE microSD CARD

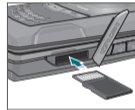
The microSD card stores sounds, images, photos and videos, music, and other files.

 The microSD card is sold separately, it is not included with the phone.

## INSTALLING THE microSD CARD

To install your microSD card:

1. With the microSD card slot opened and the gold contacts facing up, insert the microSD card into the slot located on the lower right side of your phone.



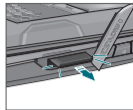
2. Push the card in until it clicks into place. "MEMORY CARD DETECTED" will appear on the display. Close the microSD card slot.

 To prevent possible damages, please keep microSD card slot closed at all times regardless of whether the microSD card is inserted or not.

## REMOVING THE microSD CARD

To remove the microSD card:

1. Open the microSD card slot. Use your thumb to press and release the microSD card. It will pop-out to allow you to remove the card.



2. Remove the card and close the microSD card slot.


- When you insert the microSD card, make sure contact terminals face down.
- Do not remove the microSD card while reading or writing files. Otherwise it could be damaged.

 For optimal performance, please use a microSD card.

## HOW IS MUSIC TRANSFERRED?

	Transfer from PC to Handset via USB Cable	Transfer from PC to Handset via Memory card
MP3 Songs	Yes	Yes
WMA Songs (Music ripped from CDs, e.g. unprotected content)	Yes	Yes



WMA Songs (Purchased from a Windows Media Player 10 music store such as V CAST Music, e.g. protected content)	Yes	Song will not play on the phone
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-  Music acquired from another online store as part of a subscription service or purchased in another format other than WMA/MP3 will not be recognized by V CAST Music devices.
- Music can be purchased and downloaded via V CAST Music with Rhapsody or V CAST Over The Air Music downloads through your PC. V CAST Music with Rhapsody will work with Windows Vista, XP, or 2000 (Only 32-bit versions of Windows are supported.) Not available for Mac or Linux.
  - Only MP3 files with 192kbps or higher bitrate will be converted into WMA files.

## MUSIC & TONES

### V CAST MUSIC | RHAPSODY





To download music from the V CAST Music catalog directly to phone memory or to a removable memory card.

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for MEDIA CENTER, and press 1. Music & Tones, 1. V CAST Music | Rhapsody to open the V CAST Music catalog.

2. Browse or search the catalog to preview the songs you want.
3. Select the music (song or album) that you want to purchase. Press the OK Key  [BUY] to purchase.
4. The CONFIRM PURCHASE screen will display the price and items you selected to purchase. Press the OK Key  [BUY] to accept the terms.
5. You'll receive confirmation that your purchase was successful and your music is available for download. Press the OK Key  to continue.
6. Select Phone Memory or Memory Card for storage location. Press the OK Key  to begin downloading. Wait for the phone to acquire the content license. Press the OK Key  when download is complete.
7. Press the Right Soft Key  [Play] to play the downloaded song immediately. Or, press the Left Soft Key  [My Music] to go to your Music Library of downloaded songs and albums.
8. To return to idle mode, press the END Key .

## GET NEW RINGTONES

To connect to MEDIA CENTER and download various ringtones:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones**, **2. Get New Ringtones**.
2. If you have not previously downloaded any ringtones or ringtone applications, press **"1. Get New Applications"**. The Media Center browser will launch. From the Download menu, select a service provider and press the OK Key . Then select the application and press the OK Key  to download it.
3. To download a ringtone, select the application from the Get New Ringtones menu. Once the application has launched, follow the directions to download your ringtones.  
Downloaded ringtones are saved to the **"3. My Ringtones"** menu.

## MY RINGTONES







### TO PLAY DOWNLOADED TUNES OR TONES:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones**,

### 3. My Ringtones.

2. Select the tune or tone you want to play then press the OK Key  [PLAY].
3. To stop, press the OK Key  [STOP].

### TO ERASE DOWNLOADED TUNES OR TONES:









1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones**, **3. My Ringtones**.
2. Select the tune or tone you want to erase then press the Right Soft Key  [Options].
3. Select **"1. Erase,"** then select **"Yes"** by pressing the OK Key  [OK].
  - If a **"Downloaded Ringtone"** is selected, press the Right Soft Key  [Options] to choose from the following:
    1. **Erase:** Erase the current ringtone from your phone.
    2. **Rename:** To edit the ringtone's title.
    3. **Lock:** Lock/Unlock the current ringtone from your phone.
    4. **Erase All:** To erase all the ringtones in your phone.
    5. **File Info:** Displays information on the selected ringtone.
  - If a **"Preloaded Sound"** is selected, pressing Right Soft Key  [Options], you can choose from the following:
    1. **Erase:** Erase the current ringtone from your phone.

2. **Erase All:** To erase all the ringtones in your phone.

3. **File Info:** Displays information on the selected ringtone.

## TO ASSIGN DOWNLOADED TUNES OR TONES:

To select a desired ringtone, or download a new ringtone:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones**, **3. My Ringtones**.
2. Press the Directional Key  up or down to highlight ringtone, then press the Left Soft Key  [Set As].
  - **1. Ringtone:** A confirmation message appears.
  - **2. Contact ID:** The **"SET AS CONTACT ID"** screen appears. Select the Contact you want to assign the ringtone to, then press the OK Key  [OK].
  - **3. Alert Sounds:** Press the corresponding number key to set the ringtone for one of the following: **"All Messages"/"TXT Message"/"Pic/Video/Voice Message"/"Voicemail"**. Press the Directional Key  up or down to highlight ringtone, then press the OK Key  [OK].
3. Press the Right Soft Key  [Options] to access the following options:
  - **Erase:** Erase the current ringtone from your phone.
  - **Rename:** To edit the ringtone's title. (This option only appears for a downloaded ringtone)






• **Lock/Unlock:** Lock or unlock the current ringtone in your phone. (This option only appears for a downloaded ringtone)

• **Erase All:** To erase all the ringtones in your phone.

• **File Info:** Displays information on the selected ringtone.






## MY MUSIC

To playback and manage music stored in your phone's memory and on a memory card:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones**, **4. My Music**.
2. The Music Library screen appears in the display with the following options:
  - 1. Genres / • 2. Artists / • 3. Albums / • 4. Songs / • 5. Playlists / • 6. Inbox / • 7. Play All / • 8. Shuffle
3. To play a song, select **"4. Songs"**, scroll through the list of downloaded songs then press the OK Key  [Play]. To view your Playlists, select **"5. Playlists"**. Select **"6. Play All"** to play all your music, or select **"7. Shuffle"** to play your songs in random order.
4. Press the Left Soft Key  [Repeat] to replay the song. Press the Right Soft Key  [Options] to **"1. Play All"**, **"2. Shuffle"**,









"3. My Music", "4. Shop", "5. Listeners also liked", "6. Help".

- Press the Directional Key  left to start the song over again. Press the Directional Key  right to skip to the next song if there are other songs to be played. Press the OK Key  [OK] to pause or play the song. If you press and hold the Directional Key  left, the song rewinds and if you hold the Directional Key  right, the song fast forwards.

## MY SOUNDS

To select a desired sound or record a new sound:

- From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones, 5. My Sounds**.
- Press the Directional Key  up or down to highlight the sound, then press the OK Key  [PLAY] to hear the sound. Press the OK Key  [STOP] to stop playing the sound.
- Press the Right Soft Key  [Options] to access the following options:
  - DOWNLOADED** or **RECORDED SOUND:**  
**Send:** To send a sound.

**To Online Album:** To upload selected sound to picture server.

**Rename:** To edit the sound's title.

**Move:** To move the selected sound to the other save location.

This option only appears if a memory card is inserted.

**Lock/Unlock:** Lock or unlock the selected sound in your phone.

**Erase:** To erase a selected sound in your phone.

**Erase All:** To erase all the sounds in your phone.

**File Info:** Displays information on the selected sound.

### • PRELOADED SOUND:





**Send:** To send a sound.

**To Online Album:** To upload selected sound to picture server.



**File Info:** Displays information on the selected sound.

## RECORDING NEW SOUNDS






To record a new sound:

- From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones, 5. My Sounds**.
- Press **"1. Record New"**.
- Press the OK Key  [OK] to begin recording. When done, press the OK Key  [STOP] to finish recording. The recording is automatically saved to your **"My Sounds"** list.
- Your recording is saved with a number. To rename your recording,

scroll to it with the Directional Key  in the My Sounds menu, then press the Right Soft Key  [Options].

- Press **"3. Rename"**.
- Press and hold the Clear Key  to erase the number.
- Enter the new name for your recording, then press the OK Key  [OK].

## TO ERASE A SOUND:

- From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **1. Music & Tones, 5. My Sounds**.
- Press the Directional Key  up or down to select the sound you want to erase, and then press the Right Soft Key  [Options].
- Press **"5. Erase": "ERASE SOUND FROM MY SOUNDS AND SETTINGS?"** will appear on your display.
- Press the OK Key  [OK] to select **"Yes."** A confirmation message appears.



Your phone comes with 5 preloaded sounds: Clapping, Crowd roar, Happy Birthday, Rainforest, and Train. These cannot be erased.

## SYNC MUSIC

### SYNC YOUR MUSIC FROM YOUR PC TO YOUR V CAST MUSIC WITH RHAPSODY® CAPABLE PHONE

This option allows you to transfer music files from your PC. In order to use this option, you must install V CAST Music with Rhapsody on your PC.

- Open V CAST Music with Rhapsody software. Don't have V CAST MUSIC with Rhapsody software? Download it for free at [www.verizonwireless.com/music](http://www.verizonwireless.com/music).
- Plug in the USB cable (purchased separately) to your phone and connect it to a USB port on your PC.
- From the main screen on your phone, the SYNC MUSIC V CAST MOBILE PHONE display appears. Your phone should display the message: Connected.
- Drag and drop the song(s) you want to sync from My Library, to your V CAST Music with Rhapsody mobile phone, listed under the Sources tab. Once synchronization is complete, press the END/Power key ("Picture") and disconnect the USB cable (purchased separately).

5. Under the “Music & Tones” menu, open “My Music” to view and play your music.



- A compatible USB cable (included in-box) is required for syncing.
- V CAST Over The Air Music downloads are not available. Music can be purchased and downloaded via V CAST Music with Rhapsody through your PC. V CAST Music with Rhapsody will work with Windows Vista, XP, or 2000 (Only 32-bit versions of Windows are supported.) Not available for Mac or Linux.

## PICTURE & VIDEO

### V CAST VIDEOS

V CAST, 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. For additional information regarding V CAST Videos and its use, see [www.verizonwireless.com](http://www.verizonwireless.com).

#### TO BROWSE, SELECT AND PLAY VIDEO CLIPS:

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for MEDIA CENTER, and press 2. Picture & Video, 1. V CAST Videos.

2. Press the Directional Key up or down to select the V CAST Videos category you want, and then press the OK Key [OK].
3. Press the Directional Key up or down to select the video, and then press the OK Key [VIEW].
4. Press the OK Key [OK] to select “Yes.” After connection and buffering occurs, the video clip begins.

#### TO DOWNLOADING A VIDEO CLIP:

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for MEDIA CENTER, and press 2. Picture & Video, 1. V CAST Videos.
2. Press the Directional Key up or down to select a video you want to save, and then press the OK Key [SAVE]. The video clip will be saved to your “My Videos” list.
3. Press the OK Key [OK] to select “Yes.” The video download begins.

### GET NEW PICTURES

To connect to MEDIA CENTER and download a variety of Pictures (images):

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for MEDIA CENTER, and press 2. Picture & Video, 2. Get New Pictures.
2. Press “1. Get New Applications.” Media Center will launch and take you to the download menu.
3. Press the Directional Key up or down to select a provider’s browser, and then press the OK Key [OK].
4. Press the Directional Key up or down, or press the OK Key to select Application.
5. After executing the downloaded application, download the desired picture. The downloaded contents are saved in “My Pictures”.



The downloaded application will be included in the list displayed when you access: Get New Pictures > 1. Get New Applications.

### MY PICTURES

In My Pictures you can view all the pictures you have taken, store selected images in your phone, send pictures to the Online Album, delete images and access additional picture options.

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for MEDIA CENTER, and press 2. Picture & Video, 3. My Pictures.
2. Press the Directional Key up, down, left or right to select your desired pictures, then press the Right Soft Key [Options].
3. Select one of the following options:
  - **Send:** To send a picture message.
  - **Send by Bluetooth:** To access Bluetooth Menu.
  - **Set As:** Assigns the selected picture to display for specific tasks. (Wallpaper/Picture ID)
  - **To Online Album:** Access the Online Album.
  - **Take Picture:** Take a new picture.
  - **Get New Pictures:** Download various pictures.
  - **Rename:** Rename the selected picture.
  - **Move:** To move the picture to another save location. This only appears when a memory card is inserted.
  - **Lock/Unlock:** Lock or unlock the selected picture. Locked pictures cannot be deleted by the Erase All function. This option only appears for pictures you downloaded or took with the camera.
  - **Erase All:** To erase all the pictures in your phone. (From Card/From Phone)
  - **File Info:** Displays information about the selected picture. (File Name/Date/Time/Resolution/Size)

**TO ERASE THE CURRENT PICTURE:**

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for **MEDIA CENTER**, and press **2. Picture & Video**, **3. My Pictures**.
2. Press the Directional Key up, down, left or right to select the picture you want to erase, and then press the Left Soft Key [Erase]. "ERASE PICTURE FROM MY PICTURES AND SETTINGS?" will appear on your display.
3. Press the OK Key [OK] to select "Yes". A confirmation message appears.

**MY VIDEOS**

In My Videos you can view all the videos you have recorded, store selected videos in your phone, send videos to the Online Album, delete videos and access additional video options.

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for **MEDIA CENTER**, and press **2. Picture & Video**, **4. My Videos**.
2. Press the Directional Key up, down, left or right to select your desired videos, then press the Right Soft Key [Options].

**3. Select one of the following options:**

- **Send:** To send a video message.
- **Send by Bluetooth:** To access Bluetooth Menu.
- **Record Video:** Record a new video clip.
- **To Online Album:** Access the Online Album.
- **V CAST Videos:** Download various video clips.
- **Set As:** Assigns the selected picture to display for specific tasks. (Wallpaper/Contact ID)
- **Rename:** Rename the selected video clip.
- **Move:** To move the video clip to another save location. This only appears when a memory card is inserted.
- **Lock/Unlock:** Lock or unlock the selected video clip. Locked video clip cannot be deleted by the Erase All function. This option only appears for video clips you downloaded or record with the camera.
- **Erase All:** To erase all the video clips in your phone. (From Card/From Phone)
- **File Info:** Displays information about the selected picture. (File Name/Date/Time/Duration/Size)

**TO ERASE THE CURRENT VIDEO CLIP:**

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for **MEDIA CENTER**, and press **2. Picture & Video**, **4. My Videos**.
2. Press the Directional Key up, down, left or right to select the picture you want to erase, and then press the Left Soft Key [Erase]. "ERASE VIDEO FROM MY VIDEOS AND SETTINGS?" will appear on your display.

3. Press the OK Key [OK] to select "Yes". A confirmation message appears.

**TAKE PICTURE**

1. To access the camera, press the Side Camera Key .
2. Point the camera lens at your subject. You can check the picture framing through the display screen.
  - Press the Directional Key left/right: Zoom Down/Up. (Except 1280X960 mode).
  - Pressing the Right Soft Key [Options], you can choose from the following:
    1. **Resolution:** To select a resolution for a picture. (1280x960/640x480/320x240/160x120)
    2. **Self Timer:** To activate the camera's timer function. (Off/3 Seconds/5 Seconds/10 Seconds)
    3. **Brightness:** To adjust the brightness up/down (-2, -1, 0, +1, +2).
    4. **White Balance:** To select white balance. (Auto/Sunny/Cloudy/Tungsten/Fluorescent/Darkness)
    5. **Shutter Sound:** To select a shutter sound. (Shutter/Silent/Say "Cheez"/Ready! 123)
    6. **Color Effects:** To select color effect among the following: (Normal/Antique/Black & White/Negative)
    7. **Capture Mode:** To select Capture mode "Landscape" or "Portrait".
    8. **Multishot:** To select a multishot mode among the following: (Off/4/6/8)
    9. **Sub Display:** To take a picture of yourself by checking the view on the front LCD.

To view captured images, press the Left Soft Key [My Pics].








3. Press the Side Camera Key or press the OK Key [TAKE] to take the picture.
4. After taking the picture it will be displayed. To save the picture, press the Left Soft Key [Save]. To take another picture without saving the picture you just took, press the Right Soft Key [Erase]. To send the picture to someone, press the OK Key [SEND].

**RECORD VIDEO**

1. From standby mode, press the OK Key [MENU], the Directional Key left twice for **MEDIA CENTER**, and press **2. Picture & Video**, **6. Record Video**.
2. Point the camera lens at your subject. You can check the picture framing through the display screen.
  - Press the Directional Key left/right: Zoom Down/Up.
  - Pressing the Right Soft Key [Options], you can choose from the following:
    1. **Brightness:** To adjust the brightness up/down (-2, -1, 0, +1, +2).
    2. **White Balance:** To select white balance. (Auto/Sunny/Cloudy/Tungsten/Fluorescent/Darkness)
    3. **Mute/Unmute:** Phone is mute or unmute while recording a video.



**4. Sub Display:** To recording a video of yourself by checking the view on the front LCD.

 To view recorded videos, press the Left Soft Key  [Videos].

- Press the Side Camera Key  or press the OK Key  [REC] to take the video. To pause/resume the video record, press the Left Soft Key  [Pause/Resume]. To stop recording, press the OK Key  [STOP].
- After recording the video it will be displayed. To save the video, press the Left Soft Key  [Save]. To recording another video without saving the video you just took, press the Right Soft Key  [Erase]. To send the video to someone, press the OK Key  [SEND].

## ONLINE ALBUM




To access Online Album:

- From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **2. Picture & Video, 7. Online Album**. The browser launches, and the Online Album sign-on screen appears.
- Follow the on-screen prompts.

## GAMES

### DOWNLOADING NEW GAMES

To download games and applications from the MEDIA CENTER server:


- From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **3. Games**.
- Press the OK Key  [OK] to “**1. Get New Applications**”.
- Choose the software you want from the list displayed on the screen.
- All applicable charges or fees will be incurred to download the selected application.
- Once download application, select “Yes” to run or “No” to return to the Games menu.

### PLAYING DOWNLOADED GAMES



- To play the game you downloaded, select the game then press the OK Key  [PLAY] to run the application.

## MOBILE WEB

Now you can access news, sports, weather, and Email from your phone. Mobile Web 2.0 keeps you updated by providing access to up-to-date information such as news, sports, weather and stock quotes when you subscribe to Internet service with your service provider. Please contact your service provider for a list of available websites and service details.

- To start your Internet browser and access websites through your wireless handset press the Directional Key  up.

### BROWSER MENU

The browser menu lists the actions necessary to operate the browser. To access, press the Directional Key  up and then press the Right Soft Key  [Menu].

#### VZW HOME

Returns the user to the home page.

#### ADD FAVORITE

Takes user to the VZW Add Favorite page.



For favorites, page name and URL need to auto-populate.

#### SEARCH

Takes user to the VZW Search page.

#### GO TO URL

Takes user to the VZW Search > Go to Site page.

#### SHOW URL

Displays the current URL.

#### BACK

Returns to the previously viewed page.

#### MANAGE MEMORY

Displays the following list of options:

- **Clear Cache:** Clears the cache.
- **Clear History:** Clears the list of recently visited URLs.
- **Clear Cookies:** Clears saved cookies.
- **Autofill:** Automatically fills in character for browser recognized words.

#### SETTINGS


- **Downloads:** Selecting the “Downloads” item allows the user to enable/disable downloading images, background sounds, and object downloads when a URL is accessed.
- **Restart Browser:** Selecting “Restart Browser” causes the history and cache to be cleared and returns the user to the homepage.
- **Scroll Mode:** Selecting “Scroll Mode” from the Settings menu allows the user to select the way text scrolls and the scroll speed.
- **Send Referrer:** When the “Send Referrer” item is selected from the Settings menu, the browser allows the user to turn on or off sending the referrer URL.

- **Key Press Time Out:** When the “Key Press Timeout” item is selected from the Settings menu, the browser allows the user to set the key press timeout as fast, medium or slow. Medium is 1.5 seconds, slow 2 seconds and fast is 1 second. The key press timeout is the period of time after which the cursor auto-advances to the next entry position. In most cases, a single key can be used to enter more than one character. Each time the key is pressed the last character of the line is replaced by the next choice for that key. As long as the same key is repressed within key press timeout, the last character cycles between all the choices for the key.
- **Connection Time Out:** When the Connection Timeout item is selected from the Settings menu, the browser allows the user to set the connection timeout. The connection timeout determines how long the browser will wait for a response from the network for a network request.

## ADVANCED

- **About:** Displays the name of the supplier of the Browser and the Browser SW version.
- **Refresh:** Allows the user to reload the current URL.
- **History:** Displays the previous 20 number of visited URLs, where X=20.
- **Encryption:** Displays the following list of options.
  1. **Authentication:** Gives the option to turn Authentication Caching ON or OFF.
  2. **Root Certificate:** Shows the root security keys for TLS.
  3. **Current Certificate:** Shows the current site security key for TLS (if applicable).






## EXIT

Press the END Key  to exit out of the browser and return to idle mode.

## BROWSE & DOWNLOAD

### DOWNLOADING NEW APPLICATIONS

To download Tools that can help you navigate to entertainment spots, restaurants, and provide you with up-to-date weather information:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **5. Browse & Download**.
2. Select “**Mobile E-mail**” or “**VZ Navigator**” with the Directional Key  then, press the OK Key  [OK].
  - **Mobile E-mail:** To connect to Brew Smartlink.
  - **VZ Navigator:** To connect to VZ Navigator.
3. Press the OK Key  [OK] for “**1. Get New Applications**”.

## EXTRAS






### DOWNLOADING NEW APPLICATIONS

To download Applications:

1. From standby mode, press the OK Key  [MENU], the Directional Key  left twice for **MEDIA CENTER**, and press **6. Extras**.
2. Press the OK Key  [OK] for “**1. Get New Applications**”.

### MEDIA CENTER INFO

To view App. Memory, Phone Memory, View Log, and Help information:

1. From standby mode, press the OK Key  [MENU].
2. Press the Directional Key  left twice for **MEDIA CENTER**.
3. Press the Right Soft Key  [Info].
4. Press the Directional Key  up or down to select one of the following settings, and then press the OK Key  [OK].
  - App. Memory / • Phone Memory / • View Log / • Help

## CHAPTER 7

**MESSAGING MENU**

This chapter addresses Voicemail, TXT, Picture, Video, Voice Messaging functions including:

When a new message arrives

New message

Inbox

Sent

Drafts

Voicemail

Mobile IM

Email

Chat

Erase all

Settings

## WHEN A NEW MESSAGE ARRIVES

1. The following display appears when a new message arrives.
2. To display the message, select "View Now" and then press the OK Key [OK].



## NEW MESSAGE

### TXT MESSAGE

1. From standby mode, press the Left Soft Key [Message], and press 1. New Message.
2. Press "1. TXT Message".
3. Under "To:", input the phone number and then press the OK Key [OK].
  - By pressing the Right Soft Key [Add], you can choose from the following:
    1. From Contacts: Search for a phone number which is stored in the contacts list.
    2. Recent Calls: Search for a phone number which is stored in the recent calls list.
    3. Groups: Search the groups stored in the contacts list.
    4. To Contacts: Save the number or email you've entered to the contacts list, when you enter the number.

5. **To PTT Contacts:** Save the number or email you've entered to the PTT contacts list, when you enter the number.



"To PTT Contacts" option appears only when the "PTT Mode" is set "On".

4. Under "Text:", input a new TXT message. When completed, press the OK Key [SEND].
  - By pressing the Right Soft Key [Options], you can choose from the following:
    1. Quick Text: Inserts already written sentences in TXT message.
    2. Save As Draft: To save the TXT message.
    3. Add: To attach Graphic, Sound, Name Card.
      - Graphic: Inserts simple graphic images in TXT message.
      - Sound: Inserts EMS sound in TXT message.
      - Add Name Card: Inserts name card in TXT message.
    4. Edit Text Format: Allows you to edit the "Alignment", "Font Size", "Font Style", "Font Color", "Background Color".
      - Alignment: Select "Left", "Center" or "Right" by pressing the Directional Key left or right.
      - Font Size: Select "Small", "Normal" or "Large" by pressing the Directional Key left or right.
      - Font Style: Select "Strikethrough", "Normal", "Bold", "Italic" or "Underline" by pressing the Directional Key left or right.
      - Font Color: Select Font color by pressing the Directional Key left or right.
      - Background Color: Select Background color by pressing the Directional Key left or right.
    5. Priority Level: Select "High" or "Normal" by pressing the Directional Key up or down.
    6. Cancel Message: To cancel message.



As long as one field is complete in TXT Message, the message will be saved in the draft box.

### PICTURE MESSAGE

1. From standby mode, press the Left Soft Key [Message], and press 1. New Message.
2. Press "2. Picture Message".
3. Under "To:", input the phone number and then press the OK Key [OK].
  - By pressing the Right Soft Key [Add], you can choose from the following:
    1. From Contacts: Search for a phone number which is stored in the contacts list.
    2. Recent Calls: Search for a phone number which is stored in the recent calls list.
    3. Groups: Search the groups stored in the contacts list.
    4. To Online Album: To send Picture message by using online Address.
    5. To Contacts: Save the number or email you've entered to the contacts list, when you enter the number.
    6. To PTT Contacts: Save the number or email you've entered to the PTT contacts list, when you enter the number.
4. Under "Text:", input a New Picture Message and then press the Directional Key down.
5. Under "Picture:", you can only insert/remove one picture.



"To PTT Contacts" option appears only when the "PTT Mode" is set "On".

Press the Left Soft Key [My Pics] to select the picture you would like to send then press the OK Key [OK].



6. Under "Sound:", you can only insert/remove one sound. Press the Left Soft Key [Sounds] to select the sound you would like to send then press the OK Key [OK].
7. Under "Subject:", input a subject and then press the Directional Key down.
8. Under "Name Card:", you can insert your name card. Press the Left Soft Key [Add] select "1. My Name Card" or "2. Contacts" then press the OK Key [OK]. Select the card you'd like to send then press the OK Key [OK].
9. Press the Right Soft Key [Options] to access the following:
  - Preview: To preview a written Picture Message.
  - Save As Draft: To save the Picture Message.
  - Add Quick Text: Inserts already written sentences in Picture Message.
  - Add Slide: To add a another message.
  - Priority Level: Select "High" or "Normal" by pressing the Directional Key up or down.
  - Remove Picture: To remove inserted picture in Picture field.
  - Remove Slide: To remove inserted Slide Message.
  - Remove Sound: To remove inserted sound in Sound field.
  - Remove Name Card: To remove inserted name card in Name Card field.


- **Cancel Message:** To cancel message.

10. To send the Picture message, press the OK Key  [SEND].


 As long as one field is complete in Picture Message, the message will be saved in the draft box.

### VIDEO MESSAGE

1. From standby mode, press the Left Soft Key  [Message], and press 1. **New Message**.
2. Press "3. **Video Message**".
3. Under "To:", input the phone number and then press the OK Key  [OK].







- By pressing the Right Soft Key  [Add], you can choose from the following:
  1. **From Contacts:** Search for a phone number which is stored in the contacts list.
  2. **Recent Calls:** Search for a phone number which is stored in the recent calls list.
  3. **Groups:** Search the groups stored in the contacts list.
  4. **To Online Album:** To send Video message by using online Address.
  5. **To Contacts:** Save the number or email you've entered to the contacts list, when you enter the number.
  6. **To PTT Contacts:** Save the number or email you've entered to the PTT contacts list, when you enter the number.

 "To PTT Contacts" option appears only when the "PTT Mode" is set "On".











4. Under "Text:", input a New Video Message and then press the Directional Key  down.
5. Under "Video:", you can only insert/remove one video clip. Press the Left Soft Key  [Videos] to select the video clip you would like to send then press the OK Key  [OK].
6. Under "Subject:", input a subject and then press the Directional Key  down.
7. Under "Name Card:", you can insert your name card. Press the Left Soft Key  [Add] select "1. **My Name Card**" or "2. **Contacts**" then press the OK Key  [OK]. Select the card you'd like to send then press the OK Key  [OK].
8. Press the Right Soft Key  [Options] to access the following:
  - **Preview:** To preview a written Video Message.
  - **Save As Draft:** To save the Video Message.
  - **Add Quick Text:** Inserts already written sentences in Video Message.
  - **Priority Level:** Select "High" or "Normal" by pressing the Directional Key  up or down.
  - **Remove Video:** To remove inserted video clip in Video field.
  - **Remove Name Card:** To remove inserted name card in Name Card field.
  - **Cancel Message:** To cancel message.
9. To send the Video message, press the OK Key  [SEND].

 As long as one field is complete in the Video Message, the message will be saved in the draft box.

### VOICE MESSAGE

1. From standby mode, press the Left Soft Key  [Message], and press 1. **New Message**.
2. Press "4. **Voice Message**".
3. To record a new Voice Memo, press the OK Key  [OK] to start recording voice memo. Press the OK Key  [STOP] to stop recording voice memo and save it.
4. Under "To:", input the phone number and then press the OK Key  [OK], then press the Directional Key  down.
  - By pressing the Right Soft Key  [Add], you can choose from the following:
    1. **From Contacts:** Search for a phone number which is stored in the contacts list.
    2. **Recent Calls:** Search for a phone number which is stored in the recent calls list.
    3. **Groups:** Search the groups stored in the contacts list.
    4. **To Online Album:** To send Voice message by using online Address.
    5. **To Contacts:** Save the number or email you've entered to the contacts list, when you enter the number.
    6. **To PTT Contacts:** Save the number or email you've entered to the PTT contacts list, when you enter the number.

 "To PTT Contacts" option appears only when the "PTT Mode" is set "On".

5. Under "Voice:", you can only Record/Remove one Voice memo. Press the Left Soft Key  [Record] to select the Voice you would like to send then press the OK Key  [OK].
6. Under "Text:", input a New Voice Message and then press the Directional Key  down.
7. Under "Subject:", input a subject and then press the Directional Key  down.
8. Under "Name Card", you can insert your name card. Press the Left Soft Key  [Add], select "1. **My Name Card**" or "2. **Contacts**" then press the OK Key  [OK]. Select the card you'd like to send then press the OK Key  [OK].
9. Press the Right Soft Key  [Options] to access the following:
  - **Review:** To preview a written Voice Message.
  - **Save As Draft:** To save the Voice Message.
  - **Add Quick Text:** Inserts already written sentences in Voice Message.
  - **Priority Level:** Select "High" or "Normal" by pressing the Directional Key  up or down.
  - **Remove Recording:** To remove inserted recorded voice memo in Voice field.
  - **Remove Name Card:** To remove inserted name card in Name Card field.
  - **Cancel Message:** To cancel message.
10. To send the Voice message, press the OK Key  [SEND].



 As long as one field is complete in the Voice Message, the message will be saved in the draft box.

## INBOX

The Inbox manages received TXT, Picture, Video, Voice, Web Alert messages.

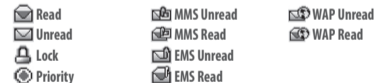
To access:

1. From standby mode, press the Left Soft Key  [Message], and press 2. **Inbox**.

2. Select a message and then press the OK Key  [OPEN].

The message is displayed. To delete a message, press the Left Soft Key  [Erase], then press the OK Key  [OK] to select "Yes".

### MESSAGE ICON REFERENCE



3. Press the Right Soft Key  [Options] to access the following:

- **Play Again:** To play a received Video/Voice message.
- **Reply:** Type your reply.
- **Erase Inbox:** To erase all inbox message.
- **Reply W. Copy:** Select to reply with the original message included.

- **Forward:** Select to forward the TXT, Picture, Video or Voice message.
- **Save Picture (MMS Picture):** Select to save a picture to the "My Pictures" folder.
- **Save As Ringtone (MMS Sound):** Select to save a sound to the "My Ringtones" folder.
- **Save Sound (MMS Sound):** Select to save a sound to the "My Sounds" folder
- **Save Objects (EMS Save Objects):** Select to save a graphic, sound, name card.
- **Save Name Card:** Select to save a name card to the contacts.
- **Save Quick Text:** Select to save received text msg to "Quick Text".
- **Add To Contacts:** Select to save a number to contacts.
- **Add To PTT Contacts:** Select to save number to PTT contacts.
- **Extract Addresses:** To extract all Phone Numbers, Email Addresses and URLs from the received message.
- **Lock/Unlock:** Select to lock or unlock the TXT, Picture, Video or Voice message.
- **Message Info:** Select to show received TXT, Picture, Video or Voice message information.

 "Add To PTT Contacts" option appears only when the "PTT Mode" is set "On".

## SENT

Manages TXT, Picture, Video or Voice messages already sent or waiting to be sent.


1. From standby mode, press the Left Soft Key  [Message], and press 3. **Sent**.

2. Select a message and then press the OK Key  [OPEN].

The message is displayed. To delete a message, press the Left Soft Key  [Erase], then press the OK Key  [OK] to select "Yes".

## MESSAGE ICON REFERENCE



3. With the message open, press the Right Soft Key  [Options] to access the following:


- **Play Again:** Select to play sent MMS message.
- **Forward:** Select to forward the TXT, Picture, Video or Voice message.
- **Erase:** To erase a sent message.
- **Resend:** To resend a message.
- **Lock/Unlock:** Select to lock or unlock the TXT, Picture, Video or Voice message.
- **Save Quick Text:** Select to save sent text msg to "Quick Text".
- **Add To Contacts:** Select to save number to contacts.
- **Add To PTT Contacts:** Select to save number to PTT contacts.
- **Erase Sent:** To erase a sent message.
- **View Name Card:** To view include name card with in message.
- **Message Info:** Select to show received TXT, Picture, Video or Voice message information.



 "Add To PTT Contacts" option appears only when the "PTT Mode" is set "On".

## DRAFTS

Draft Folder contains any draft messages or saved messages. If message composition is interrupted by a voice call or other interrupting event, the message of the current composition is automatically saved in the drafts folder.

1. From standby mode, press the Left Soft Key  [Message], and press 4. **Drafts**.

2. Select a message and then press the OK Key  [EDIT]. The message is displayed.

3. To delete a message, press the Left Soft Key  [Erase], then press the OK Key  [OK] to select "Yes".

### MESSAGE ICON REFERENCE



4. Press the Right Soft Key  [Options] to access the following:

- **Send:** Select to send a selected message.
- **Lock/Unlock:** Select to lock or unlock the TXT, Picture, Video or Voice message.
- **Add To Contacts:** Select to save number to contacts.
- **Add To PTT Contacts:** Select to save number to PTT contacts.
- **Erase Drafts:** To erase all drafts messages.

 "Add To PTT Contacts" option appears only when the "PTT Mode" is set "On".

## VOICEMAIL







New voicemail alerts are sent via an SMS text message. These messages indicate how many new and urgent voicemails are in your voicemail box. Open the text message to view the number of new voice messages in your voicemail. If a caller leaves a callback number, this number will also be sent via an SMS text message.

### WHEN A NEW VOICEMAIL ARRIVES

When you receive a new voicemail message you'll hear a sound and a Voicemail appears in the display.


1. To display the message, select "Listen Now" or "Listen Later" by pressing the Directional Key  up or down.
2. Press the OK Key  [OK].

### TO ACCESS YOUR VOICE MAILBOX



1. To dial voice mail directly, press \* Key , 8 Key , 6 Key  and then the SEND Key . Or, from standby mode press the Left Soft Key  [Message]. Press 5.Voicemail then the SEND Key .
2. Follow the prompts to enter your lock code and retrieve your messages.

## MOBILE IM

### LAUNCHING MOBILE IM

1. From standby mode, press the Left Soft Key  [Message], and press 6. Mobile IM, and then select "Mobile IM" for the Preloaded Mobile IM.




2. The first time you access this feature an "Accept/Decline" screen will appear, select "Accept" by highlighting it and pressing the OK Key .
3. Choose from "AIM", "WL Messenger" and "Yahoo!®". Highlight the messenger service and press the OK Key  [OK].








4. Enter your Login ID and Password and then press the OK Key  [Sing In] to Sign In.

## DOWNLOAD NEW IM APPLICATIONS




1. From standby mode, press the Left Soft Key  [Message], then 6. Mobile IM, and press 1. Get New Applications.



## EMAIL



1. From standby mode, press the Left Soft Key  [Message], and press 7. Email.
2. Select "Mobile Email" or "Mobile Web Mail" by pressing the Directional Key  up or down, press the OK Key  [OK].
  - **Mobile Email:** To connect Brew Smartlink.
  - **Mobile Web Mail:** To connect WAP Browser.
3. Browser launches.
4. Press the Directional Key  up or down to select your Email provider, and then press the OK Key  [OK].
5. To send an Email, follow the on-screen prompts and functions.

## CHAT

1. From standby mode, press the Left Soft Key  [Message], and press 8. Chat.
2. Browser launches.
3. Press the Directional Key  up or down to select one of the displayed chat rooms, and then press the OK Key  [OK].
4. To chat with Internet Messenger users, follow the on-screen prompts and functions.


## ERASE ALL

To erase all messages stored in your Inbox, Drafts or Sent folders:

1. From standby mode, press the Left Soft Key  [Message], then the Right Soft Key  [Options].
  - Press "1. Erase Inbox" to erase all messages or only read message stored in the Inbox.
  - Press "2. Erase Drafts" to erase all messages stored in the Drafts folder.
  - Press "3. Erase Sent" to erase all messages stored in Sent Folder.
  - Press "4. Erase All" to erase all messages stored in the Inbox, Sent, and Drafts folders.





Locked messages cannot be erased.

2. Select "Yes" to erase the selected messages, then press the OK Key  [OK]. A confirmation message appears.



## SETTINGS

To configure received message settings:

1. From standby mode, press the Left Soft Key  [Message], then the Left Soft Key  again for [Settings].
2. Press the Directional Key  up or down to highlight one of the settings below, then press the OK Key  [OK] to select it:

### ENTRY MODE

Sets an Entry Mode as a default. For example, if Abc Mode is the default, its icon will appear.

1. Select "Word", "Abc", "ABC" or "123" by pressing the Directional Key  up or down then press the OK Key  [OK].

### AUTO SAVE

1. Select "On", "Off" or "Prompt" by pressing the Directional Key  up or down then press the OK Key  [OK].

- **On:** All sent messages saved in the Sent box.
- **Off:** All sent messages not saved in the Sent box.
- **Prompt:** "Yes", "No" dialogue box displayed after sent message.

### AUTO ERASE



Automatically erases inbox messages when new messages arrive.

1. Select "On" or "Off" by pressing the Directional Key  up or down then press the OK Key  [OK].
  - **On:** Oldest message erased from Inbox automatically when Inbox is full.
  - **Off:** Oldest message not erased from Inbox automatically when Inbox is full.

### MESSAGING FONT SIZE

1. Select "Normal" or "Large" by pressing the Directional Key  up or down then press the OK Key  [OK].

### TXT AUTO VIEW









1. Select "On" or "Off" by pressing the Directional Key  up or down then press the OK Key  [OK].
  - **On:** TXT message displayed automatically.
  - **Off:** TXT message displayed by going to the Inbox or responding to interactive notification.

### PIC-VIDEO AUTO RECEIVE


1. Select "On" or "Off" by pressing the Directional Key  up or down then press the OK Key  [OK].
  - **On:** Picture/Video message downloaded automatically.
  - **Off:** Picture/Video message must be retrieved from the Inbox or at new Picture/Video Message prompt.

### QUICK TEXT

To create a new Quick Text or edit the Quick Text you have saved:




1. Select a message from the list then press the OK Key  [EDIT].
2. To add a new Quick Text, press the Right Soft key  [Options] to select "New". Enter the new text then press the OK Key  [SAVE].
3. To move locate the saved Quick Text, press the Right Soft key  [Options] to select "Move". Press the Directional Key  up or down to move locate then press the OK Key  [SAVE].
4. To erase a saved Quick Text, press the Left Soft Key  [Erase]. Press the OK Key  [OK] to select "Yes".

### VOICEMAIL#

1. Input a new voicemail number or edit voicemail number then press the OK Key  [OK].


### CALLBACK #

Edits a default callback number so that the recipient can callback or reply.

1. Select "On" or "Off" by pressing the Directional Key  up or down then press the OK Key  [OK].
2. If "On" is selected, input a new callback number then press the OK Key  [OK].

### SIGNATURE

Create a signature that can be automatically inserted at the end of all TXT, Picture, Video and Voice messages.

1. To deactivate Signature function, select "None".
2. To input a "Signature", select "Custom". Enter your signature in the text box then press the OK Key  [OK].

## SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your phone. Before operating your phone, please be aware of all the safety details.

This chapter contains the terms and conditions of services and the warranty for your phone. Please review them thoroughly.

- Safety information for wireless handheld phones

  - Safety information for FCC RF exposure

    - SAR information

- FCC hearing-aid compatibility (HAC) regulations for wireless devices

  - FDA consumer update

  - Avoid potential hearing loss.

  - FCC compliance information

  - 12 month limited warranty

  - Index list

## SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

### READ THIS INFORMATION BEFORE USING YOUR HANDHELD PORTABLE CELLULAR TELEPHONE

#### EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992) \*
- NCRP Report 86 (1986) \*
- ICNIRP (1996) \*

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your phone complies with the FCC guidelines (and those standards).

1\* : American National Standards Institute.

2\* : National Council on Radiation protection and measurements.

3\* : International Commission on Nonionizing Radiation Protection.

#### ANTENNA SAFETY

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

#### DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions so require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



**WARNING:** Failure to follow these instructions may lead to serious personal injury and possible property damage.

#### ELECTRONIC DEVICES

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Therefore, use of your phone must be restricted in certain situations.

#### PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

#### HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

#### OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare 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

Turn your phone OFF where posted notices so require.

### OTHER SAFETY GUIDELINES

#### AIRCRAFT

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

#### BLASTING AREAS

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

#### POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn 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.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or 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's engine.

#### PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC/DC Travel Adaptor (2) Battery and (3) Product Using Battery.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

- DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
- DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required,

return unit to an authorized UTStarcom cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

- DO NOT short-circuit the battery terminals with metal items etc.

### SAFETY INFORMATION FOR FCC RF EXPOSURE

#### WARNING! READ THIS INFORMATION BEFORE USING

#### CAUTIONS

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

#### BODY-WORN OPERATION

This device was tested for typical body-worn operations with the back of the phone kept 2 cm. from the body. To maintain compliance requirements, use only belt-clips, holsters or similar accessories that maintain a 2 cm separation distance between the user's Body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be

avoided.



For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov).

### SAR INFORMATION

#### THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted 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 phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.3 W/Kg and when worn on the body, as described in this user guide, is 1.05 W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The SAR testing for Body-worn operation was performed with a belt clip that provided a 20mm separation. The User's Manual indicates that any holsters/clips used with this device should contain no metallic components.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea> after searching on PP4RAP.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

\* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stancial margin of safety to give additional protection for the public and to account for any variations in measurements.

## 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 interfer-

ence, 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.



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 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.

### For information about hearing aids and digital wireless phone

- Fcc Hearing Aid Compatibility and Volume Control  
<http://www.fcc.gov/cgb/dro/hearing.html>
- Gallaudet University, RERC  
<http://tap.gallaudet.edu/DigWireless.KS/DigWireless.htm>
- Self Help for Hard of Hearing People Inc. [SHHH]  
[www.hearingloss.org/hat/TipsWirelessPhones.htm](http://www.hearingloss.org/hat/TipsWirelessPhones.htm)
- The Hearing Aid Compatibility FCC Order  
[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-168A1.pdf](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf)

## FDA CONSUMER UPDATE



U.S. FOOD AND DRUG ADMINISTRATION - CENTER  
FOR DEVICES AND RADIOLOGICAL HEALTH  
CONSUMER UPDATE ON WIRELESS PHONES

### 1. 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 radiofrequency 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.

### 2. 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 radiofrequency 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 inter-agency 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 subject of the safety questions discussed in this document.

### 3. 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 radiofrequency 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 far below the FCC safety limits.

### 4. 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 radiofrequency 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 predisposed to develop cancer in the 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 phone 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.

### 5. 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 10 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.

#### **6. 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 radiofrequency 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 the 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.

#### **7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?**

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

#### **8. What has FDA done to measure the radiofrequency energy coming from wireless phones?**

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

#### **9. What steps can I take to reduce my exposure to radiofrequency 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 radiofrequency 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.

#### **10. 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 radiofrequency 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.

### 11. What about wireless phone interference with medical equipment?

Radiofrequency 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 hearing aids for interference from handheld 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.

### 12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (<http://www.fda.gov/cellphones>)

- Federal Communications Commission (FCC) RF Safety Program (<http://www.fcc.gov/oet/rfsafety>)
- International Commission on Non-Ionizing Radiation Protection (<http://www.icnirp.de>)
- World Health Organization (WHO) International EMF Project (<http://www.who.int/emf>)
- National Radiological Protection Board (UK) (<http://www.hpa.org.uk/radiation/>)

### AVOID POTENTIAL HEARING LOSS.

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 other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. 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, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your 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-AAA-2336, 703-790-8466  
Email: [info@audiology.org](mailto:info@audiology.org)  
Internet: [www.audiology.org](http://www.audiology.org)

#### National Institute on Deafness and Other Communication Disorders National Institutes of Health

31 Center Drive, MSC 2320  
Bethesda, MD USA 20892-2320  
Voice: (301) 496-7243  
Email: [nidcdinfo@nidcd.nih.gov](mailto:nidcdinfo@nidcd.nih.gov)  
Internet: <http://www.nidcd.nih.gov/health/hearing>

#### National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.  
200 Independence Ave., SW  
Washington, DC 20201  
Voice: 1-800-CDC-INFO (1-800-232-4636)  
Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

## FCC COMPLIANCE INFORMATION

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.  
Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for assistance.



**CAUTION:** Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

## CTIA BATTERY CERTIFICATION REQUIREMENTS

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

- Improper battery use may result in a fire, explosion or other hazard.
- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

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## 12 MONTH LIMITED WARRANTY

UTStarcom Personal Communications (the Company) warrants to the original retail purchaser of this UTStarcom handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product

not approved or authorized by the Company;

- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

When sending your wireless device to UTStarcom Personal Communications for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, UTStarcom Personal Communications is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to UTStarcom Personal Communications for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions 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 or province to province.

**IN USA:** UTStarcom Personal Communications  
555 Wireless Blvd.  
Hauppauge, NY 11788  
(800) 229-1235

**IN CANADA:** UTStarcom Canada Company  
5535 Eglinton Avenue West  
Suite# 234  
Toronto, ON M9C 5K5  
(800) 465-9672

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