

System setup

Ringer melody

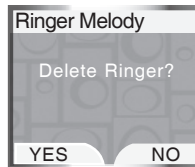
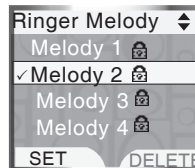
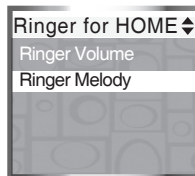
You can select from traditional ringers and musical ringer melodies on each handset.

Select a ringer melody

1. Press **MENU/SEL** in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Ringers**, then press **MENU/SEL** to enter the **Ringers** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight:
 - **Ringer for HOME** - set the ringer volume and melody for the **HOME** line.
 - **Ringer for CELL 1** - set the ringer volume and melody for the first connected cellular phone in the **Active Devices** list (page 26).
 - **Ringer for CELL 2** - set the ringer volume and melody for the second connected cellular phone in the **Active Devices** list (page 26).
4. Press **MENU/SEL**.
5. Press the **DOWN** Navkey to highlight **Ringer Melody**, then press **MENU/SEL**. The current ringer melody will be played.
6. Press the **UP** and **DOWN** Navkeys to highlight a ringer. You will hear a sample of each ringer melody when highlighted.
7. Press the **SET** softkey or **MENU/SEL** to save the setting.

Delete a ringer melody

1. Follow steps 1 through 5 in the above section.
2. Press the **DELETE** softkey. **Delete Ringer?** will appear on the display.
3. Press the **YES** softkey to delete the melody.



note

- Selecting, recording, or deleting a ringer melody on one handset does not affect the other handset(s) in the system.
- You can only permanently delete the polyphonic ringer melodies. The traditional ringers (melodies 1 through 8) cannot be deleted.
- Deleting a ringer melody increases the available record time for your own recordable ringer(s).

note

- For optimal recording, place the handset microphone nine inches away from the source you wish to record.

System setup

Record new ringer

Each recordable ringer can be up to 15 seconds. Depending on the remaining record time, you can record multiple ringers. To increase the record time, you need to delete a ringer melody (see page 37).

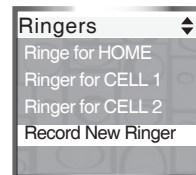
To record a ringer:

1. Press **MENU/SEL** in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Ringers**, then press **MENU/SEL** to enter the **Ringers** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Record New Ringer**, then press **MENU/SEL**.
4. Press the **RECORD** softkey to begin recording. **Record Ringer after tone** will be shown on the display, then you will hear a tone.
5. Record your ringer melody, then press the **STOP** softkey.
6. When you finish recording, you can:
 - **PLAY** - press the **PLAY** softkey to review the recorded ringer.
 - **SAVE** - press the **SAVE** softkey to save the recorded ringer.**-OR-**
 - Press **OFF/CANCEL** to discard the new recording and exit to the **Record New Ringer** menu

If you save the ringer, you will be prompted to enter a name for the recorded ringer.

- Use the character chart (page 72) to enter the ringer name (up to 10 characters), then press the **SAVE** softkey to save your recorded ringer.

Your new recorded ringer will appear in the **Ringer Melody** list (page 37).



System setup

Handset pictures

In the handset **Pictures** menu, you can select a background image for a handset screen. These images can also be programmed for individual callers in the phone book so that different images will be shown when different callers call in (see page 72).

To enter the **Pictures** menu:

1. Press **MENU/SEL** in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Pictures**, then press **MENU/SEL** to enter the **Pictures** menu.

In the **Pictures** menu:

- Press the **UP** and **DOWN** Navkeys to select a desired picture, then press the **SET** softkey to save the setting.

After a choice or setting has been saved, you will hear a confirmation tone, the screen will display **Wallpaper set**, and then return to the idle screen.

To exit the **Pictures** menu:

- Press and hold **OFF/CANCEL** to return to idle mode.



System setup

Handset animations

In the handset **Animations** menu, you can select an animation for a handset screen. These animations can also be programmed for individual callers in the phone book so that different animations will be shown when different callers call in (see page 72).

To enter the **Animations** menu:

1. Press **MENU/SEL** in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Animations**, then press **MENU/SEL** to enter the **Animations** menu.

While in the **Animations** menu:

- Press the **UP** and **DOWN** Navkeys to select a desired animation, then press the **SET** softkey to save the setting.

After a choice or setting has been saved, you will hear a confirmation tone and the screen will display **Wallpaper set**, then the screen will return to the idle screen.

To exit the **Animations** menu:

- Press and hold **OFF/CANCEL** to return to idle mode.



System setup

Telephone base settings

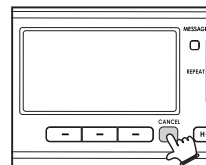
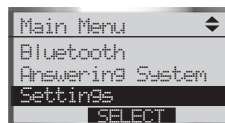
In the telephone base **Settings** menu, you can set the date, time, keypad tone, language, LCD contrast and voice mail codes. You can also clear the voice mail indication, restore the default settings, and delete handset registrations.

To enter the **Settings** menu:

1. Press **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press the **SELECT** softkey to enter the **Settings** menu. You can then select:
 - **Set Date** - manually set the date (if you do not subscribe to caller ID, page 42).
 - **Set Time** - manually set the time (if you do not subscribe to caller ID, page 42).
 - **Keypad Tone** - turn the keypad tone on or off (page 43.)
 - **Language** - change the telephone base language to English, Spanish, or French (page 43).
 - **LCD Contrast** - adjust the LCD screen contrast (page 44).
 - **Clear Voice Mail** - clear the voice mail indication (page 44).
 - **Voice Mail Codes** - program the voice mail codes (page 45).
 - **Default Settings** - restore the telephone base settings back to default (page 46).
 - **Delete Handsets** - delete the registration of all handset (page 46).

After a choice or setting has been saved, you will hear a confirmation tone and the screen will return to the **Settings** menu.

To exit the **Settings** menu, press **CANCEL**.



note

- To return to a previous menu, press **CANCEL**. To return to idle mode, press and hold **CANCEL**.

note

- If **Invalid date** appears on the display, make sure you are entering 2000-2099 for the year, 01-12 for the month and 01-31 for the day.
- If **Invalid time** appears on the display, make sure you are entering 01-12 for the hour and 00-59 for the minute.

System setup

Set date

If you subscribe to caller ID service provided by your local telephone company, the time and date will automatically be set with an incoming **HOME** call.

To manually set the date:

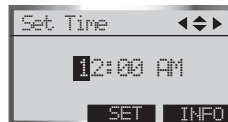
1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **SELECT** softkey to select **Set Date**.
4. Use the dial pad (**0-9**) to enter the month (01-12), day (01-31), and year (2000-2099). You can also use the **UP** and **DOWN** Navkeys to set the year, month and day.
5. Press the **SET** softkey to save the setting.

Set time

If you subscribe to caller ID service provided by your local telephone company, the time and date will automatically be set with an incoming **HOME** call.

To manually set the time:

1. Follow steps 1 and 2 in the above section.
2. Press the **UP** and **DOWN** Navkeys to select **Set Time**, then press the **SELECT** softkey.
3. Use the dial pad (**0-9**) to enter the hour (01-12) and minute (00-59), and the dial pad key **2** for AM and key **7** for PM. You can also use the **UP** and **DOWN** Navkeys to set the hour, minute, and AM/PM.
4. Press the **SET** softkey to save the setting.



System setup

Keypad tone

By default, the telephone base will beep when you press a key. You can turn these keypad tones on or off:

To change the keypad tone setting:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to select **Keypad Tone**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **On** or **Off**.
5. Press the **SET** softkey to save the setting.



Language

By default, the telephone base language is English. You can select English, Spanish or French to be used in all telephone base screen displays.

To change the language setting:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Language**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **English**, **Español** or **Français**.
5. Press the **SET** softkey to save the setting.



note

- Clearing the voice mail indication does not delete any voice mail messages.
- If you subscribe to voice mail services, your local telephone company may alert you to new voice mail messages with a stutter (broken) dial tone.

System setup

LCD contrast

You can adjust the telephone base LCD screen contrast to one of eight levels to suit different lighting conditions.

To adjust the LCD contrast:

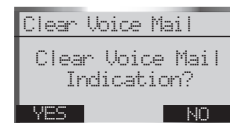
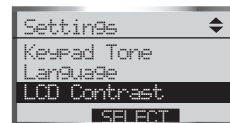
1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **LCD Contrast**, then press **SELECT** softkey.
4. Press the **LEFT** and **RIGHT** or **UP** and **DOWN** Navkeys to decrease or increase the **LCD contrast**.
5. Press the **SET** softkey to save the setting.

Clear voice mail

If you subscribe to voice mail services provided by the local telephone company, the **VOICEMAIL** light on the telephone base will flash when you have a new voice mail message. If your telephone system indicates that there is voice mail, but you are sure that you have no new voice mail messages, you can manually turn off the voice mail indication.

To manually turn off the **VOICEMAIL** light:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Clear Voice Mail**, then press the **SELECT** softkey.
4. Press the **YES** softkey to clear the voice mail indication.



System setup

Voice mail codes

You have to program the voice mail codes before you can access the functions with your voice mail.

To program the voice mail code:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Voice Mail Codes**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **Voice Mail access**, **Play Messages**, **Skip Message**, **Repeat Message**, **Delete Message** or **Msg Time Stamp**, then press the **SELECT** softkey.
5. Press the **ERASE** softkey to delete the highlighted character. Use the dial pad to enter the desired code.
6. Press the **SAVE** softkey to save the setting.

To restore all codes to factory-set default settings:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Voice Mail Codes**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **Reset All Codes**, then press the **SELECT** softkey.
5. Press the **YES** softkey to save the setting.



note

- Contact your local telephone company for more information about voice mail service.

note

- Restoring the base default settings does not clear the phone book, call log, answering system messages, active devices, paired devices, redial list, or reset the time.
- If you replace a handset, the new handset will be assigned the next available registration number, rather than the handset number of the handset that you are replacing.

System setup

Default settings (restore settings)

You can restore the factory-set default settings of the telephone base if desired. Restoring the default setting only affects the telephone base.

To restore default settings:

- Press the **MENU** softkey in idle mode to enter the main menu.
- Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
- Press the **UP** and **DOWN** Navkeys to highlight **Default Settings**, then press **SELECT**. The screen will display **Restore Default Settings?**
- Press the **YES** softkey to restore the telephone base default settings.

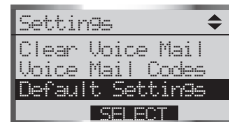
Delete handsets

For your handset(s) to be numbered sequentially, you need to delete all the handset registrations from the telephone base. After you delete all the handset registrations, you will need to individually register each handset with the telephone base (see page 7).

To delete all the handset registrations:

- Press the **MENU** softkey on the telephone base in idle mode to enter to the main menu.
- Press the **UP** and **DOWN** Navkeys to select **Settings**, then press **SELECT** softkey to enter the **Settings** menu.
- Press the **UP** and **DOWN** Navkeys to highlight **Delete Handsets**, then press the **SELECT** softkey. The screen will show **Delete Registration of all handsets?**
- Press the **YES** softkey.

After deleting the registrations of all handsets, see page 7 for handset registration instructions.



System setup

Telephone base ringers

In the telephone base **Ringers** menu, you can select a ringer melody and adjust the ringer volume for incoming calls to the **HOME** and **CELL** lines.

To enter the **Ringers** menu:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Ringers**, then press **SELECT** softkey to enter the **Ringers** menu.

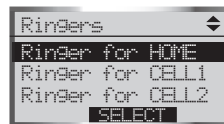
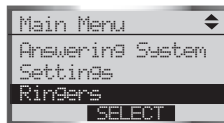
In the **Ringers** menu, you can select:

- **Ringer for HOME** - set the ringer volume and melody for the **HOME** line.
- **Ringer for CELL 1** - set the ringer volume and melody for the first connected cell phone in the **Active Devices** list (page 26).
- **Ringer for CELL 2** - set the ringer volume and melody for the second connected cell phone in the **Active Devices** list (page 26).

After a setting has been saved or set, you will hear a confirmation tone and the display will return to the **Ringers** menu.

While in the **Ringers** menu:

- Press **CANCEL** to return to a previous menu.
- Press and hold **CANCEL** to return to the idle screen.



note

- Even if the ringer volume is off, the telephone base or handset will ring at the lowest volume setting during an incoming intercom call.

System setup

Ringer volume

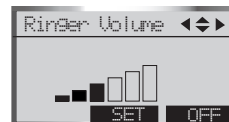
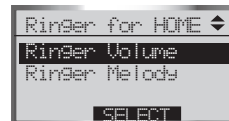
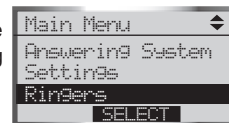
You can adjust the ringer volume to a comfortable level on the telephone base. The ringer can also be turned off so the telephone base will not ring during incoming calls.

To adjust the telephone base ringer volume:

1. Press the **MENU** softkey in idle mode to enter the main menu.
 2. Press the **UP** and **DOWN** Navkeys to select **Ringers**, then press **SELECT** softkey to enter the **Ringers** menu.
 3. Press the **UP** and **DOWN** Navkeys to highlight:
 - **Ringer for HOME** - set the ringer volume and melody for the **HOME** line.
 - **Ringer for CELL 1** - set the ringer volume and melody for the first connected cell phone in the **Active Devices** list (page 26).
 - **Ringer for CELL 2** - set the ringer volume and melody for the second connected cell phone in the **Active Devices** list (page 26).
 4. Press the **SELECT** softkey.
 5. Press the **SELECT** softkey again to select **Ringer Volume**.
 6. To increase or decrease the ringer volume:
 - Press the **UP** and **DOWN** or **LEFT** and **RIGHT** Navkeys.

-OR-

 - Press the **UP** and **DOWN** volume controls on the telephone base.
- To turn off the telephone base ringer:
- Press the **DOWN** or **LEFT** Navkeys or the **DOWN** volume control until the display shows **Ringer Off**. You can also press the **OFF** softkey.
7. Press the **SET** softkey to save the setting.



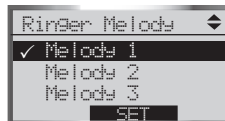
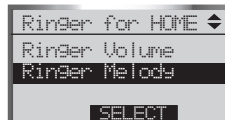
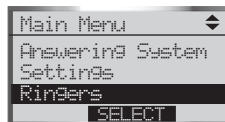
System setup

Ringer melody

You can select from eight traditional ringer melodies on the telephone base.

To select a ringer melody:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Ringers**, then press **SELECT** softkey to enter the **Ringers** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight one of the options below, then press the **SELECT** softkey.
 - **Ringer for HOME** - set the ringer volume and melody for the **HOME** line.
 - **Ringer for CELL 1** - set the ringer volume and melody for the first connected cellular phone in the **Active Devices** list (page 26).
 - **Ringer for CELL 2** - set the ringer volume and melody for the second connected cellular phone in the **Active Devices** list (page 26).
4. Press the **DOWN** Navkey to highlight **Ringer Melody**, then press the **SELECT** softkey. You will then hear a sample of the ringer melody.
5. Press the **UP** and **DOWN** Navkeys to select the desired ringer.
6. Press the **SET** softkey to save the setting.



note

- To record a memo, see the **Answering operations** section on page 94.

System setup

Answering system settings

In the **Answering System** menu, you can set the answering system on or off, change the outgoing announcement, remote access code, the number of rings, and the answering system message alert tone. The answering system only answers incoming **HOME** line calls.

To enter the **Answering System** menu:

1. Press the **MENU** softkey in idle mode to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to select **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.

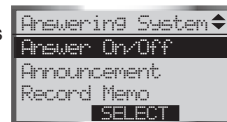
While in the **Answering System** menu, press the **UP** and **DOWN** Navkeys to highlight one of the items below, then press the **SELECT** softkey.

- **Answer On/Off** - set the answering system on or off (page 51).
- **Announcement** - review, record, or delete the outgoing announcement (page 52).
- **Record Memo** - see page 94.
- **Number of Rings** - set the number of rings before the answering system answers an incoming call (page 54).
- **Call Screening** - listen to an incoming caller leaving a message (page 55).
- **Remote Code** - change the remote access code (page 55).
- **Msg Alert Tone** - set the message alert tone on or off when you have a new answering system message (page 56).

After a setting has been saved or set, you will hear a confirmation tone and the display will return to the **Answering System** menu.

While in the **Answering System** menu:

- Press **CANCEL** to return to a previous menu.
- Press and hold **CANCEL** to return to the idle screen.



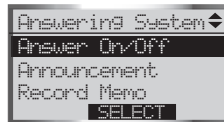
System setup

Answer on/off

By default, the answering system is on. When the answering system is off, **ANS. OFF** will be displayed on the telephone base and all incoming calls will not be answered by the answering system. However, when the answering system is off, you can still play recorded messages (page 91) or record a memo (page 94).

To turn the answering system on or off:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey.
3. Press the **SELECT** softkey to select **Answer On/Off**.
4. Press the **UP** and **DOWN** Navkeys to highlight **On** or **Off**, then press the **SET** softkey to save your selection.



note

- When the answering system is off, it will answer the incoming call after ten rings and then prompt the user to enter the remote access code (page 95).

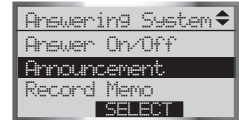
System setup

Announcement

The announcement is the message that callers hear when the answering system answers an incoming **HOME** call.

To review, record, or delete the announcement:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey.
3. Press the **DOWN** Navkey to highlight **Announcement**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight an option below, then press the **SELECT** softkey.
 - **Review Annc.** - play your current outgoing announcement. By default, the announcement is preset with *"Hello, please leave a message after the tone."*
 - **Record Annc.** - record your own outgoing announcement. See the section below to learn how to record an announcement.
 - **Delete Annc.** - delete your current outgoing announcement. If you delete the announcement, the default announcement will be used.



System setup

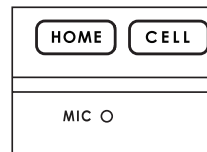
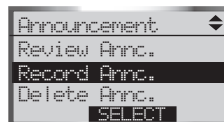
Recording an announcement

You can record an announcement up to 90 seconds.

To record an announcement:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey.
3. Press the **DOWN** Navkey to highlight **Announcement**, then press the **SELECT** softkey.
4. Press the **DOWN** Navkey to highlight **Record Annc.**, then press the **SELECT** softkey.
5. After the tone, speak in a clear voice.
6. When you finish recording your announcement, press the **STOP** softkey or **PLAY**.

The announcement you just recorded will be played back and now used as your outgoing announcement.



note

- For optimal audio quality when recording an announcement, speak facing towards the microphone from approximately nine inches away from the telephone base.

note

- To stop the answering system recording an incoming caller at anytime, press **HOME/FLASH** or **Ⓜ** on the handset, or **HOME** on the telephone base.

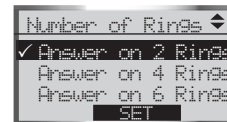
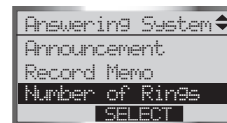
System setup

Number of rings

By default, the answering system answers an incoming **HOME** call after four rings. You can set the answering system to answer an incoming **HOME** call after two, four, or six rings. You can also select **Toll Saver** (see below).

To set the number of rings:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Number of Rings**, then press the **SELECT** softkey. You can then select:
 - **Answer on 2 Rings** - the answering system answers the incoming call after two rings.
 - **Answer on 4 Rings** - the answering system answers the incoming call after four rings.
 - **Answer of 6 Rings** - the answering system answers the incoming call after six rings.
 - **Toll Saver** - the answering system answers a call after two rings when there are new messages, and after four rings when there are no new messages.
4. Press the **UP** and **DOWN** Navkeys to highlight an option, then press the **SET** softkey to save the setting.



System setup

Call screening

By default, **Call Screening** is on. Call Screening allows you to listen to a caller leaving a message on the answering system.

To change this setting:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.
3. Press the **DOWN** Navkey to highlight **Call Screening**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **On** or **Off**, then press the **SET** softkey to save the setting.

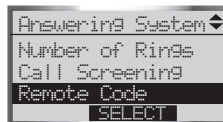


Remote code

By default, the **Remote Code** is **5000**. To access your answering system remotely from any touch tone phone (page 95), you need to enter the four digit remote access code.

To change the remote access code:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Remote Code**, then press the **SELECT** softkey.
4. Enter your desired four-digit code by using the:
 - Dial pad keys (**0-9**) to enter a code.
 - **LEFT** and **RIGHT** Navkeys to move the cursor left and right.
 - **UP** and **DOWN** Navkeys to increase and decrease the digit.
5. Press the **SET** softkey to save your setting.



note

- If the message alert tone is on, but the answering system is off, the telephone base will not beep when there are new messages.

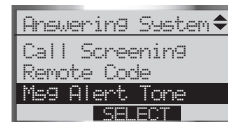
System setup

Message alert tone

By default, **Msg Alert Tone** is off. When the message alert tone and the answering system is on, the telephone base will beep every 10 seconds when you have a new message on the answering system.

To change the setting:

1. Press the **MENU** softkey on the telephone base to enter the main menu.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Msg Alert Tone**, then press the **SELECT** softkey.
4. Press the **UP** and **DOWN** Navkeys to highlight **On** or **Off**, then press the **SET** softkey to save the setting.




Telephone operation

Telephone operation

With your new **LS5145** telephone system, you can enjoy the ease and comfort of making and receiving calls using your Bluetooth cell phone on the **CELL** line with the telephone system. You can also use your conventional telephone landline to make and receive calls on the **HOME** line.

Here are some quick instructions to get you started. See the following sections for more details.

- To make or receive a call, press **HOME** or **CELL** (pages 58-63).
- To end a **HOME** or **CELL** call on a handset, press **OFF/CANCEL** or cradle the handset in the telephone base or charger.
- To end a **HOME** or **CELL** call on the telephone base, press **HOME** or **CELL**, depending on which line is in use.
- To use the handset speakerphone on a **HOME** or **CELL** line call, press  to switch between speakerphone and normal handset use.
- When entering a telephone number, press **OFF/CANCEL** on the handset or **CANCEL** on the telephone base to make corrections.

Your new telephone system allows you to simultaneously make and receive calls on the **HOME** and **CELL** lines (pages 66-67), place calls on hold (page 65), mute a call (page 65), conference calls (page 68), and intercom between handset(s) and the telephone base (pages 68-69).

IMPORTANT INFORMATION

- If you turn off or disconnect your Bluetooth enabled cell phone or headset, you may need to manually connect your device(s) to the telephone base again. See your device user's manual for more information.
- If you experience difficulty operating the telephone system, see the **Troubleshooting** section (page 98).

note

- You can only use one Bluetooth device on a call at a time, either one cell phone on the **CELL** line or one headset on the **HOME** line (page 58).

note

- To erase the last digit entered when entering a telephone number press **OFF/CANCEL** on the handset or **CANCEL** on the telephone base.



Telephone operation

Make a HOME call

You can make **HOME** calls using a handset and telephone base. You can also use a wireless Bluetooth enabled headset on **HOME** calls.

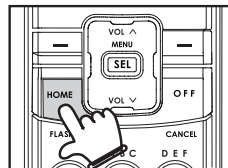
Using a handset

To make a **HOME** call:

- Enter the telephone number, then press **HOME/FLASH** or .
- OR–
- Press **HOME/FLASH** or , then enter the telephone number.

To end a **HOME** call:

- Press the **OFF/CANCEL** or return the handset in the telephone base or charger cradle.



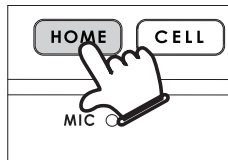
Using the telephone base

To make a **HOME** call:

- Enter the telephone number, then press **HOME**.
- OR–
- Press **HOME**, then enter the telephone number.

To end a **HOME** call:

- Press **HOME**.



Telephone operation

Using a Bluetooth headset

To make a **HOME** call:

1. Press **HOME**, then enter the telephone number.
2. Press the **OPTIONS** softkey to display **Call Options**.
3. Press the **UP** and **DOWN** Navkeys to highlight **Use Headset**.

–OR–

1. Enter the telephone number, then press **HOME**.
2. Press the **OPTIONS** softkey to display **Call Options**.
3. Press the **UP** and **DOWN** Navkeys to highlight **Use Headset**.

To end a **HOME** call:

- Press **HOME**.

–OR–

- Press the call button on your headset. Refer to your headset user's manual for more information.



note

- When using a headset on a **HOME** call, follow steps 2 to 3 to switch between headset and the telephone base speakerphone use.

note

- When using a headset on the **HOME** line, press **HEADSET** to switch between headset use and the telephone base speakerphone.
- Refer to your headset user's manual for more information on using your headset's call button.

Telephone operation

Receive a HOME call

You can receive **HOME** calls using a handset or telephone base. You can also use a wireless Bluetooth enabled headset on **HOME** calls.

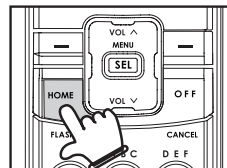
Using a handset

To receive an incoming **HOME** call:

- Press **HOME/FLASH** or .

To end a **HOME** call:

- Press the **OFF/CANCEL** or return the handset in the telephone base or charger cradle.



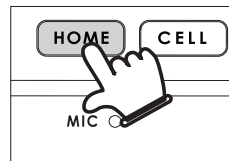
Using the telephone base

To receive an incoming **HOME** call:

- Press **HOME**.

To end a **HOME** call:

- Press **HOME**.



Using a Bluetooth headset

To receive an incoming **HOME** call:

- Press the call button on your headset.

To end a call on the **HOME** line:

- Press **HOME**.
–OR–
 - Press the call button on your headset.

Telephone operation

Call waiting on the HOME line

If you subscribe to call waiting service, you will hear a short beep if you have an incoming **HOME** call while you are already on another **HOME** call.

To answer a call waiting **HOME** call:

- Press **HOME/FLASH** on handset.

–OR–

- Press **FLASH** softkey on the telephone base.

Contact your local telephone company for more information about call waiting service.

note

- To use the **CELL** line, make sure that a Bluetooth enabled cell phone is connected to the telephone base and on the **Active Devices** list (page 26).

Telephone operation

Make a CELL call

You can connect a maximum of two Bluetooth enabled cell phones to the telephone base, but only one cell phone can be used on a **CELL** call at a time.

If you only have one cell phone connected to the telephone base, it will automatically be selected to make and receive **CELL** calls. However, if you have two cell phones connected to the telephone base and on the **Active Devices** list (page 26), you will be prompted to select a cell phone before continuing to make a **CELL** call.

You can make **CELL** calls using a handset and the telephone base.

Using a handset

To make a **CELL** call:

- Enter the telephone number, then press **CELL**.
–OR–
- Press **CELL** and enter the telephone number, and then press the **DIAL** softkey.

To end a **CELL** call:

- Press the **OFF/CANCEL** or return the handset in the telephone base or charger cradle.

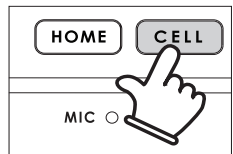
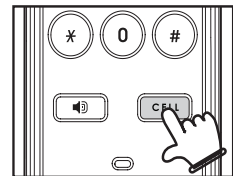
Using the telephone base

To make a **CELL** call:

- Enter the telephone number, then press **CELL**.
–OR–
- Press **CELL** and enter the telephone number, and then press the **DIAL** softkey.

To end a **CELL** call:

- Press **CELL**.



Telephone operation

Receive a CELL call

You can receive **CELL** calls using a handset and the telephone base.

Using a handset

To receive a **CELL** call:

- Press **CELL** or .

To end a **CELL** call:

- Press the **OFF/CANCEL** or return the handset in the telephone base or charger cradle.

Using the telephone base

To receive a **CELL** call:

- Press **CELL**.

To end a **CELL** call:

- Press **CELL**.

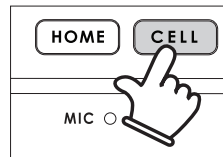
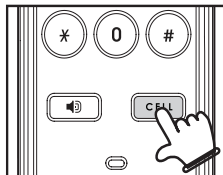
Call waiting on the CELL line

If you subscribe to call waiting service provided by your cell phone service provider, you will hear one or more beeps if you have an incoming **CELL** call while you are already on another **CELL** call.

To answer a call waiting **CELL** call:

- Press the **SWAP** softkey on the handset or the telephone base.

Contact your cell phone service provider for more information about call waiting service.



note

- If you do not answer an incoming **CELL** call while already on a **CELL** call and you have voice mail service active on your cell phone, the incoming call may be forwarded to your cell phone's voice mail, depending on your cell voice mail service. Contact your cell phone service provider for more information.

note

- If you silence or ignore an incoming **HOME** line call and the answering system is on, the answering system will answer the incoming call.
- If you reject an incoming **CELL** call and you have voice mail service active on your cell phone, the call will be forwarded to your cell phone's voice mail.

Telephone operation

Adjusting the listening volume

You can adjust the listening volume on a handset or the telephone base. For both the **HOME** and **CELL** lines, each time a volume button is pressed, the listening volume is raised or lowered by one level. When you are at the highest and lowest volume levels, you will hear a tone.

To adjust the listening volume while on a call:

Using a handset

- Press **VOL ^** or **VOL v** Navkey.

Using the telephone base

- Press **VOL ^** or **VOL v** Navkey.

Silencing the ringers

When an incoming call rings on the **HOME** or **CELL** line, you can temporarily silence the ringer on a handset, telephone base, or the telephone system. Even if you silence the ringers, you will still be able to answer the call on a handset or on the telephone base. These features only silence the ringers for the current incoming call. The next incoming calls will ring according to the volume setting.

To silence the ringers during an incoming call:

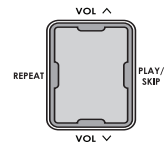
Incoming **HOME** calls

- Press the **SILENCE** softkey to silence the ringer on that handset or on the telephone base.
- Press the **IGNORE** softkey to silence all the ringers on all the handsets, including the telephone base.

Incoming **CELL** calls

- Press the **SILENCE** softkey to silence the ringer on that handset or on the telephone base.
- Press the **REJECT** softkey to end the incoming call. This will end the incoming **CELL** call.

You can also press **OFF/CANCEL** on the handset or **CANCEL** on the telephone base to silence the ringers of an incoming call.



Telephone operation

Mute

While on a **HOME** or **CELL** line call, you can mute the microphone. This allows you to hear the caller, but the caller will not be able to hear you.

To mute a call on a handset or telephone base:

- Press the **MUTE** softkey to silence the microphone. **Microphone Muted** will appear on the handset display; **MIRCROPHONE MUTED** will appear on the telephone base display.

To unmute a call on a handset or telephone base:

- Press the **UNMUTE** softkey to unmute the microphone and resume the conversation.

Hold

When you place a **HOME** or **CELL** call on hold, the handset or telephone base that placed the call on hold will beep every 30 seconds for 15 minutes, unless there is a call on another line. After 15 minutes, the handset or telephone base that placed the call on hold will ring for 30 seconds, and if the call is not answered, the held call will be ended. In addition, if you are using a Bluetooth headset on the **HOME** line and you are out of range of the telephone base, the **HOME** call will be placed on hold.

To place a **HOME** call on hold:

- Press the **HOLD** softkey on the handset or telephone base. **Home call on hold** will appear on the display.

To resume a **HOME** call on hold:

- Press **HOME/FLASH** on the handset or **HOME** on the telephone base.

To place a **CELL** call on hold:



- Press the **HOLD** softkey on the handset or telephone base. **Cell call on hold** will appear on the display.

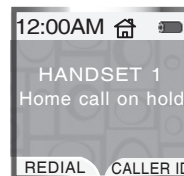
To resume a **CELL** call on hold:

- Press **CELL** on a handset or telephone base.

www.vtechphones.com

note

- When a call is on hold, the **HOME** key and the  status icon or the **CELL** key and the  status icon will flash slowly, depending on which line is on hold.






note

- If you have voice mail service active on your cell phone, and you do not answer the incoming **CELL** call, the call will be answered by your cell phone's voice mail. Contact your cell service provider for more information about voice mail service.
- If the answering system is on and you do not answer an incoming **HOME** call while on the **CELL** line, the incoming **HOME** line call will be answered by the answering system.

Telephone operation

Receive a **CELL** call while on a **HOME** call

While on a **HOME** call and there is an incoming **CELL** call,  **CELL** and  **1** or  **2** will flash on the handset and telephone base display and you will hear a short beep.

To answer the incoming **CELL** call:

- Press **CELL** on the handset or telephone base.
 - The **HOME** call will automatically be placed on hold and **Home call on hold** will appear on the display.



To end the **CELL** call:

- Press **OFF/CANCEL** on the handset or **CELL** on the telephone base.
 - The **HOME** line will still be on hold.

To resume the **HOME** call on hold:

- Press **HOME** on the handset or telephone base.

Receive a **HOME** call while on a **CELL** call

If you are on a **CELL** call and there is an incoming **HOME** call,  **HOME** and  status icon will flash on the handset and telephone base display and you will hear a short beep.

To answer the incoming **HOME** call:

- Press **HOME** on the handset or telephone base.
 - The **CELL** line call will automatically be placed on hold and **Cell call on hold** will appear on the display.

To end the **HOME** call:

- Press **OFF/CANCEL** on the handset or **HOME** on the telephone base.
 - The **CELL** line will still be on hold.

To resume the **CELL** call on hold:

- Press **CELL** on the handset or telephone base.

Telephone operation

Conferencing HOME and CELL calls

While you are on a **HOME** or **CELL** call, and the other line is on hold or in use, you can conference the lines using a handset or telephone base. When conferenced, you can end the **HOME**, **CELL**, or conference call.

To conference both **HOME** and **CELL** calls:

1. Press the **OPTIONS** softkey on the handset or telephone base.
2. Press the **UP** and **DOWN** Navkeys to select **Conf. both lines**.
3. Press **MENU/SEL** on the handset or the **SELECT** softkey on the telephone base. The **HOME** and **CELL** lines will now be conferenced.

To see a list of options for the handset or telephone base while on the conference call:

1. Press the **OPTIONS** softkey on the handset or telephone base. You can then select:
 - **Hold Conf. call** - hold the conference call.
 - **End Home call** - end the **HOME** line call.
 - **End Cell call** - end the **CELL** line call.
 - **End Conf. call** - end the conference call.
2. Press the **UP** and **DOWN** Navkeys to highlight your desired choice, then press **MENU/SEL** on the handset or the **SELECT** softkey on the telephone base.

To end a conference call:

- Press **OFF/CANCEL** on the handset or cradle the handset in the telephone base or charger.
 - Press **HOME** or **CELL** on the telephone base
- OR–
- Use the **End Conf. call** option described in the above section.

note

- The **OPTIONS** softkey is available when calls are on both **HOME** and **CELL** lines.
- Ending a conference call on a handset or telephone base when other handsets or the telephone base are on the conference call, will not end the conference call, unless you use the **End Conf. call** option described on the right.

Telephone operation

Call waiting while on a conference call

If you subscribe to call waiting service and you receive an incoming **HOME** call while on a conference call, you can answer the call waiting **HOME** call by pressing:

- Press **HOME/FLASH** on handset.

–OR–

- Press **FLASH** on the telephone base.

The call waiting **HOME** call will join the conference call with the **CELL** call.

If you receive an incoming **CELL** call while on a conference call, you can answer the call waiting **CELL** call by pressing:

- Press the **SWAP** softkey on the handset or telephone base.

The call waiting **CELL** call will join the conference call with the **HOME** call.

Intercom

The intercom feature allows you to intercom between handset(s) and the telephone base.

To enter the **Intercom** menu:

Using a handset

1. Press **MENU/SEL** when the handset is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Intercom**, then press **MENU/SEL** to enter the **Intercom** menu.

Using the telephone base

- Press **INT**.



Telephone operation

Intercom (continued)

While in the **Intercom** menu, you can select:

- **Global Page** - initiate an intercom to all handsets and the telephone base. This can be used as a handset locator.
- **BASE** - when using a handset, initiate an intercom with the telephone base.
- **Handset name** - initiate an intercom with that handset.

To answer an intercom call:

- Press the **ANSWER** softkey on the handset or telephone base.

To silence an intercom call:

- Press the **SILENCE** softkey.
–OR–
- Press **OFF/CANCEL** on the handset or **CANCEL** on the telephone base.

To end an intercom call:

- Press the **END** softkey.
–OR–
- Press **OFF/CANCEL** on the handset.

note


- Depending on the number of handsets in the system and if you are using a handset or telephone base, you will have slightly different intercom options.
- If you receive an incoming **HOME** or **CELL** call while on an intercom call, you will hear an alert tone and the caller information will appear on the display. The intercom call will be terminated if you answer the call.

note

- Contact your local telephone company for more information about voice mail service.

Telephone operation

Voice mail

If you subscribe to voice mail service provided by the local telephone company, and when you have new voice mail, the **VOICEMAIL** light on the telephone base will flash, and **New Voice Mail** and the  will appear on all handset screens. You can access your voice mail using a handset or the telephone base.

Using a handset

1. Press **MENU/SEL** when the handset is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Voice Mail**, then press **MENU/SEL**.
3. Press **OPTIONS** softkey to display various **Call Options**.
4. Press the **UP** and **DOWN** Navkeys to highlight an option from **Play Messages**, **Skip Message**, **Repeat Message**, **Delete Message**, **Msg Time Stamp** or **Hold Home Call**, and then press **MENU/SEL**.

Using the telephone base

1. Press **MENU** softkey when the telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Voice Mail**, then press **MENU** softkey.
3. Press **OPTIONS** softkey to display various **Call Options**.
4. Press the **UP** and **DOWN** Navkeys to highlight an option from **Play Messages**, **Skip Message**, **Repeat Message**, **Delete Message**, **Msg Time Stamp** or **Hold Home Call**, and then press **SELECT** softkey.



Telephone operation

Phone book

In the **Phone Book** menu, you can store and search for names and numbers. Phone book entries are stored separately on each handset and the telephone base. The phone book can store up to 100 entries, with a maximum of 16 alphanumeric characters (including spaces) and 32 digits.

The phone book also allows you to assign a unique ringer, picture, or animation for specific callers (page 73), if you subscribe to caller ID service, provided by your local telephone company.

To enter the **Phone Book** menu:

Using a handset

- Press **MENU/SEL** when the handset is in idle mode, then press **MENU/SEL** to enter the **Phone Book** menu.

Using the telephone base

- Press the **MENU** softkey when the telephone base is in idle mode, then press the **SELECT** softkey to enter **Phone Book** menu.

While in the **Phone Book** menu, you can:

- Create a new phone book entry (page 72).
- Search for a phone book entry by name (page 75).
- Dial a phone book entry (page 76).
- Edit a phone book entry (page 77).
- Delete an entry or the entire phone book (page 78).

To exit the **Phone Book** menu:

- Press and hold **OFF/CANCEL** on the handset or **CANCEL** on the telephone base.



note

- Press **OFF/CANCEL** at anytime to discard any changes and return to the **Phone Book** menu.
- While creating or editing an entry, if no keys are pressed within 60 seconds, changes will be discarded, and the display will timeout and return to idle screen.
- The cursor moves to the right automatically after two seconds. It also moves to the right when you press another dial pad key or press the **RIGHT** Navkey.

Telephone operation

Creating a new phone book entry

Phone book entries are unique to each handset and telephone base.

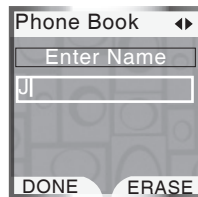
To create a new phone book entry:

Using a handset

1. Press **MENU/SEL** when the handset is in idle mode, then press **MENU/SEL** to enter the **Phone Book** menu.
2. Press the **NEW** softkey to create a new phone book entry.
3. Enter the name (up to 16 characters) by using the dial pad (**0-9**).

See the chart below.

- Each time a dial key is pressed, the characters on that key will be displayed in the highlighted character in order of the number of key presses. For instance, for the letter **a**, press the **2** dial pad key five times.
- Press the **LEFT** and **RIGHT** Navkeys to move the cursor left and right.
- Press the **ERASE** softkey to backspace and delete a highlighted character.



Dial key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	space	1							
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	l		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	-	?	!	/	()			
#	#	'	,	-	.	&			

Telephone operation

Creating a new phone book entry (continued)

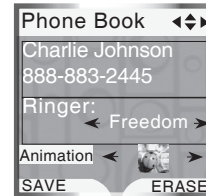
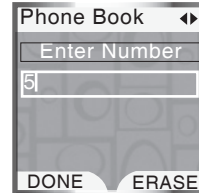
4. Press the **DONE** softkey or **MENU/SEL** to store the name.
5. Enter the telephone number (up to 32 digits) by using the dial pad (**0-9**).
 - Press the **ERASE** softkey to backspace and delete a highlighted digit.
 - Press the **LEFT** and **RIGHT** Navkeys to move the cursor left and right.
 - Press and hold # until a **P** appears on the display to enter a dialing pause.
6. Press the **DONE** softkey or **MENU/SEL** to store the telephone number.
7. Press the **SAVE** softkey to save the phone book entry and return to the **Phone Book** menu.

–OR–

Press the **UP** and **DOWN** Navkeys to select:

- **Edit the name** - highlight the name, then press **MENU/SEL** to edit the name (see step 3 on page 72).
- **Edit the number** - highlight the telephone number, then press **MENU/SEL** to edit the number (see step 5).
- **Assign a ringer** - highlight **Ringer**, then press the **LEFT** and **RIGHT** Navkeys to preview a ringer melody. You can also press **MENU/SEL** to see the list of ringer melodies (see steps 6 and 7 on page 37).
- **Assign a picture or animation** - highlight **Picture**, then press the **LEFT** or **RIGHT** Navkeys to preview a picture or a still animation. You can also press **MENU/SEL** to see the full screen picture or animated animation (see pages 39 and 40 for more information).

When you have finished editing and customizing the phone book entry, press the **SAVE** softkey to store the entry. The display will return to the **Phone Book** menu.



note

- Press **CANCEL** at anytime to discard any changes and return to the **Phone Book** menu.
- The display will timeout and return to idle screen if no keys are pressed within 60 seconds.

Telephone operation

Creating a new phone book entry (continued)

Using the telephone base

1. Press the **MENU** softkey when the telephone base is in idle mode.
2. Press the **SELECT** softkey to enter the **Phone Book** menu.
3. Press the **NEW** softkey to create a new phone book entry.
4. Enter the name (up to 16 characters) by using the dial pad (**0-9**). See the character chart on page 72.
 - Each time a dial key is pressed, the characters on that key will be displayed in the highlighted character in order of the number of key presses. For instance, for the letter a, press the **2** dial pad key five times.
 - Press the **LEFT** and **RIGHT** Navkeys to move the cursor left and right.
 - Press the **ERASE** softkey to backspace and delete a highlighted character.
5. Press the **DONE** softkey to store the name.
6. Enter the telephone number (up to 32 digits) by using the dial pad (**0-9**).
 - Press the **LEFT** and **RIGHT** Navkeys to move the cursor left and right.
 - Press the **ERASE** softkey to backspace and delete a highlighted digit.
 - Press and hold # until a **P** appears on the display to enter a pause.
7. Press the **DONE** softkey when you are finished entering the telephone number.
8. Press the **SAVE** softkey to store the entry.

–OR–

Press the **UP** and **DOWN** Navkeys to highlight and edit the name or number (see steps 4 and 5), then press the **SAVE** softkey to store the entry.

Telephone operation

Searching for phone book entries

To search for phone book entries on a handset or the telephone base, enter the **Phone Book** then:

- Press the **UP** and **DOWN** Navkeys to scroll through entries in alphabetical order.
- Press a dial pad key (**0-9**) to start a quick name search.
- Press the **FIND** softkey to search for phone book entries by name.

To start a quick name search:

1. Enter the **Phone Book** menu from a handset or the telephone base (see page 71).
2. Press a dial pad key (0-9).

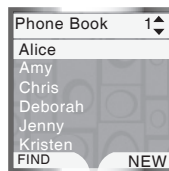
The phone book will display the first name beginning with the first letter associated with the dial pad key, if there is an entry in the phone book that begins with that letter. To see other names that start with the letters on the dial pad key, keep pressing the dial pad key. The names will be shown in alphabetical order.

For example, if you have name entries **Jennifer**, **Jessie**, **Kevin** and **Linda** in a phone book:

- If you press **5** (JKL) once, **Jennifer** will be highlighted.
- If you press **5** (JKL) twice **Kevin** will be highlighted.
- If you press **5** (JKL) three times **Linda** will be highlighted.

To search for phone book entries by name:

1. Enter the **Phone Book** menu from a handset or the telephone base (see page 71).
2. Press the **FIND** softkey.
3. Enter a name using the dial pad keys (**0-9**). If you have name entries such as **Alice**, **Amy**, **Chris**, **Deborah**, **Jenny**, and **Kristen** in a handset or telephone base phone book and you enter:
 - **A** in the **Search for** screen, and then press the **DONE** softkey, **Alice** will be highlighted.
 - **AM** in the **Search for** screen, and then press the **DONE** softkey, **Amy** will be highlighted.
 - **G** in the **Search for** screen, and then press the **DONE** softkey, **Deborah** will be highlighted.



note

- Phone book entries are stored in alphabetical order by the first letter in the first name.
- If there is no name entry matching your search, the previous closest matching name entry in alphabetical order will appear on the display.


Telephone operation

Dial a phone book entry

You can dial a phone book entry on either a **HOME** or **CELL** line.

To dial a phone book entry:

Using a handset

1. Search for the desired entry in the **Phone Book** menu (see page 75).
2. Press the **UP** and **DOWN** Navkeys to highlight the desired entry, then press **MENU/SEL**.
3. Press **HOME/FLASH**,  or **CELL** to dial.

Using the telephone base

1. Search for the desired entry in the **Phone Book** menu (see page 75).
2. Press the **UP** and **DOWN** Navkeys to highlight the desired entry, then press the **SELECT** softkey.
3. Press **HOME** or **CELL** to dial.

Telephone operation

Edit a phone book entry

In a handset phone book, you can edit the name, number, ringer, and picture or animation for an entry. In the telephone base phone book, you can edit the name and number for an entry.

To edit a phone book entry:

Using a handset

1. Press **MENU/SEL** when the handset is in the idle mode, then press **MENU/SEL** to enter the **Phone Book** menu.
2. Press the **UP** and **DOWN** Navkeys to highlight an entry to edit, then press **MENU/SEL**.
3. Press the **EDIT** softkey or **MENU/SEL** to edit the entry.
4. See page 73 for instructions on how to edit the name, number, ringer, and picture or animation for a phone book entry.
5. Press the **SAVE** softkey to save the entry. **Entry saved to Phone Book** will appear on the display and then the details of that entry will be shown.

Using the telephone base

1. Press the **MENU** softkey when the telephone base is in the idle mode.
2. Press the **SELECT** softkey to enter the **Phone Book** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight an entry to edit, then press the **SELECT** softkey.
4. Press the **EDIT** softkey to edit the entry.
5. See step 6 on page 74 on how to edit the telephone base phone book entry.
6. Press the **SAVE** softkey to save the entry. **Entry saved to Phone Book** will appear on the display and then the details of that entry will be shown.

note

- Press **CANCEL** at anytime to discard the changes and return to the **Phone Book** menu.
- If no keys are pressed within 60 seconds while creating or editing an entry, changes will be discarded and the display will timeout and return to the idle screen.

note

- Once a phone book entry is deleted, it cannot be recovered.
- Deleting a phone book entry on one handset or on the telephone base does not affect the phone books on other handsets or the telephone base.

Telephone operation

Deleting phone book entries

You can delete a selected phone book entry or the entire phone book for that handset or telephone base.

Delete one phone book entry

1. Enter the **Phone Book** menu from a handset or the telephone base (see page 71).
2. Press the **UP** or **DOWN** Navkeys to highlight an entry to be deleted.
3. Press **MENU/SEL** on the handset, or press the **SELECT** softkey on the telephone base.
4. Press the **DELETE** softkey.
5. Press **MENU/SEL** on the handset, or press the **SELECT** softkey on the telephone base to delete the entry.

You will hear a confirmation tone and the display will show the name and number of the next alphabetical entry in the phone book.

Delete all phone book entries

To delete the entire phone book on a handset or on the telephone base:

1. Enter the **Phone Book** menu from a handset or the telephone base (see page 71).
2. Press **MENU/SEL** on the handset, or press the **SELECT** softkey on the telephone base.
3. Press the **DELETE** softkey.
4. Press the **DOWN** Navkey to highlight **Delete All Entries**, then press **MENU/SEL** on the handset or the **SELECT** softkey on the telephone base.
5. Press the **YES** softkey. This will delete all the phone book entries, and the handset or telephone base display will return to the main menu.

Telephone operation

Information about caller ID with call waiting

Your new **LS5145** telephone system supports caller ID services provided by most local telephone service companies. Depending on your service subscription, you may see the caller's number, or the caller's name and number which are sent by the telephone company after the first or second ring. Caller ID allows you to see the name, number, date and time of callers on the **HOME** and **CELL** lines.

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even when on another call. In addition, the time and date are sent by the telephone and cellular service provider company along with the caller ID information. These services are available only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

If you simultaneously receive incoming calls on the **HOME** and **CELL** lines, the caller ID screen will divide into a top and bottom part. The top part will display the **HOME** caller ID information, while the bottom part the **CELL** caller ID information.

Contact your local telephone company and cellular service provider if:

- You have both caller ID and call waiting, but as separate services (you may need to combine these services).
- You have only caller ID service, or only call waiting service.
- You don't subscribe to any caller ID or call waiting services.

You can use this product with regular caller ID service, or you can use this product's other features without subscribing to either caller ID or combined caller ID with call waiting service.

Telephone operation

Call log

In the call log, you can review a list of the 100 most recent incoming calls. Each handset and the telephone base have their own unique call log, meaning that the call log on one handset may be different than the call log on another handset or the telephone base.

To enter the **Call Log** menu:

Using a handset

- Press the **CALLER ID** softkey when the handset is in idle mode.
–OR–
- Press **MENU/SEL** when the handset is in idle mode, then press the **UP** and **DOWN** Navkeys to select **Call Log**, then press **MENU/SEL** to enter the call log menu.

Using the telephone base

- Press the **CID** softkey when the telephone base is in idle mode.
–OR–
- Press the **MENU** softkey when the telephone base is in idle mode, then press the **UP** and **DOWN** Navkeys to highlight **Call Log**, then press the **SELECT** softkey to enter the call log menu.

While in the call log menu, you can:

- Save a number to the phone book (page 84).
- Dial a telephone number (page 83).
- Play a recorded message (page 85).
- Delete a call log entry (page 84).
- Clear the missed calls indication (page 86).

To exit the call log menu, press **OFF/CANCEL** on the handset or **CANCEL** on the telephone base.



Telephone operation

Call log information

If you subscribe to caller ID services provided by your local telephone company and/or cellular service provider, the **Call Log** records your incoming calls for both the **HOME** and **CELL** lines.

Although the call log records the caller ID information of both lines, **CELL** line call log entries only provide the number. The time and date of the call will appear in the call log entry if only the time is set. The Bluetooth name of the cell phone will also appear. However, if the number on the incoming **CELL** call matches a number in the **Phone Book**, the name will be retrieved from the matched phone book entry.

Memory match

Names in the **Call Log** will only be displayed if the caller ID information is provided by your local telephone company.

If the incoming telephone number matches the last seven digits of a telephone number in the phone book, then the name from the phone book will appear in the call log entry. For example, if **Christine** calls from 555-555-5555, and the phone book entry is **Chris** at 555-5555, then **Chris** will appear in the call log entry.

note

- If a Bluetooth cellular device is deleted from the **Paired Devices** list, **CELL** will appear as the name.

note

- When you have new unreviewed calls, **XX Missed Calls** will appear on the display.

Telephone operation

Reviewing the call log

In the **Call Log**, you may see the following status icons:

- NEW** - indicate that the entry is new and it hasn't been reviewed.
- OO** - indicate that a caller recorded a message on the answering system.
- CW** - indicate the call was a call waiting call.

To review the **Call Log**:

- Enter the **Call Log** menu (see page 80).
- Press the **DOWN** Navkey to review the most recent to least recent entries.

In the **Call Log**, you can select the following:

- OPTIONS** - allow you to change the dialing options, save the entry to the phone book (page 84), and clear the missed calls indication if you have missed calls (page 86).
- DELETE** - allow you to delete the call log entry or all the entries (page 84).
- PLAY** - allow you to play the recorded message if the call log entry shows **OO** in the icon status bar. Press the **RIGHT** Navkey on the handset, or the **PLAY** softkey on the telephone base to play the recorded message.

Once you have finished reviewing the **Call Log**, press and hold **OFF/CANCEL** on the handset or **CANCEL** on the telephone base to return to the idle screen.



Telephone operation

Dialing a call log entry

In the **Call Log**, you can dial a call log entry telephone number on either the **HOME** or **CELL** line.

To dial the call log entry telephone number:

1. Enter the **Call Log** menu (see page 80).
2. Press the **UP** and **DOWN** Navkeys to select the desired entry.
3. Press **HOME/FLASH** or **[END]** on the handset, or **HOME** on the telephone base.

–OR–

Press **CELL** on the handset or on the telephone base.

Dialing options

You can change the dialing options of a call log telephone number by using the **OPTIONS** softkey, or by pressing the **#** key while in the call log.

To select the dialing options of an entry:

1. Enter the **Call Log** menu (see page 80).
2. Press the **UP** and **DOWN** Navkeys to select a call log entry, then press the **OPTIONS** softkey
3. Press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base to select **Dial Options**.
4. Press the **UP** and **DOWN** Navkeys to highlight the desired dialing option, the various dialing options are:
595-9511
1-595-9511
800-595-9511
1-800-595-9511
5. Press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base to select the desired dialing option.

The digits of the selected entry will appear as pre-dial digits. You can then save the entry, edit the number, or dial the telephone number.

note

- Pressing the **#** key when reviewing a call log entry also modifies the format as shown to the right.

note

- Deleting an entry or message on a handset or telephone base will not affect the call logs of the other handset(s) or telephone base.
- If you try to play a message that has already been deleted on the answering system, **Message not found** will appear on the display.
- If you select **Delete all Entries**, **Delete all Calls?** will appear on the display. Press the **YES** softkey to delete all entries.

Telephone operation

Saving call log entries into the phone book

When viewing a call log entry, you can save the entry into the **Phone Book**.

To save an entry into the **Phone Book**:

1. Enter the **Call Log** menu (page 80).
2. Press the **UP** and **DOWN** Navkeys to select an entry to save to the **Phone Book**, then press the **OPTIONS** softkey.
3. Press the **UP** and **DOWN** Navkeys to highlight **Save to Phone Book**.

Using the handset:

- Press **MENU/SEL** to enter the phone book editing menu (see step 7 on page 73).

Using the telephone base:

- Press the **SELECT** softkey to save the entry.

Deleting call log entries

In the **Call Log**, you can delete one entry or all of the entries. You can also delete the recorded message (if available) attached to the call log entry, and delete both the entry and message.

To delete entries in the **Call Log**:

1. Enter the **Call Log** menu (see page 80).
2. Press the **UP** and **DOWN** Navkeys to select a call log entry, then press the **DELETE** softkey.
3. Press the **UP** and **DOWN** Navkeys to select the following options:
 - **Delete Entry** - only delete the selected call log entry.
 - **Delete Msg** - only delete the recorded message on the answering system of the selected call log entry.
 - **Delete Entry & Msg** - delete both the call log entry and recorded message on the answering system.
 - **Delete All Entries** - delete all the call log entries in the **Call Log** (see note).
4. Once you have selected an option, press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base (see note for exception).

Telephone operation

Play recorded messages in the call log

When a caller records a message on the answering system, the recorded message icon **OO** appears in the call log entry icon status bar. You can play that recorded message from the handset and the telephone base **Call Log**.

To play a recorded message in the **Call Log**:

Using a handset

1. Enter the **Call Log** menu (page 80).
2. Press the **UP** and **DOWN** Navkeys to find a call log entry with the recorded message icon, **OO**.
3. Press the **RIGHT** Navkey (**PLAY**) to play the recorded message. If the message was deleted from the telephone base or another handset, **Message not found** will appear on the display and the **Call Log** will be updated on that handset.
 - Press the **LEFT** Navkey to repeat the message.
 - Press the **STOP** softkey to stop the message.
 - Press the **DELETE** softkey to delete the message.

When the recorded message has finished, the display will return to the call log entry.

Using the telephone base

1. Enter the **Call Log** menu (page 80).
2. Press the **UP** and **DOWN** Navkeys to find a call log entry with the recorded message icon, **OO**.
3. Press the **PLAY** softkey to play the recorded message.
 - Press the **REPEAT** softkey to repeat the message.
 - Press the **STOP** softkey to stop the message.
 - Press the **DELETE** softkey to delete the message.

When the recorded message has finished, the display will return to the call log entry.

note

- See the **Answering system operations** section for more information on how to operate the answering system features (page 91).

Telephone operation

Clear missed calls

You can clear the missed calls indication using the call log option on the handset or telephone base. Missed calls refers to unreviewed calls in the **Call Log**.

To clear the missed calls indication:

1. Enter the **Call Log** menu (see page 80).
2. Press the **UP** and **DOWN** Navkeys to select a call log entry, then press the **OPTIONS** softkey.
3. Press the **UP** and **DOWN** Navkeys to select **Clear Missed Calls**, then press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base. The display will then return to the **Call Log**.

Telephone operation

Redial list

The **Redial** list stores up to 20 entries on the handset and telephone base. The first item in the **Redial** list is the most recent telephone number called. In the **Redial** list, you can dial the entry on either the **HOME** or **CELL** line, save the entry into the **Phone Book**, or delete entries.

To enter the **Redial** menu:

1. Press the **REDIAL** softkey when the handset or telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to highlight a redial entry. You can then:
 - **Dial the entry** - press **HOME** or **CELL** to dial the telephone number (page 89).
 - **SAVE** - press this softkey to save the redial entry into the **Phone Book** (page 88).
 - **DELETE** - press this softkey to delete the selected entry or all the redial entries (page 90).

After an entry has been edited and/or saved, you will hear a confirmation tone and the display will return to the **Redial** list.

To exit the **Redial** list:

- Press and hold **OFF/CANCEL** on the handset or **CANCEL** on the telephone base.

Telephone operation

Saving redial entries into the phone book

In the **Redial** list, you can save the telephone number into the **Phone Book** on a handset or the telephone base.

To save an entry into the **Phone Book**:

1. Press the **REDIAL** softkey when the handset or telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select an entry to save to the **Phone Book**, then press the **SAVE** softkey. You will then be prompted to enter a name.
3. Enter the name (up to 16 characters) by using the dial pad keys (**0-9**). See step 3 on page 72 for more information.
4. Press the **DONE** softkey or **MENU/SEL** on the handset when you have finished entering the name.
–OR–
Press the **DONE** softkey on the telephone base when you have finished entering the name.
5. If you use the telephone base to save the redial entry, the entry is now stored in the **Phone Book**.
–OR–
If you use a handset, press the **SAVE** softkey to store the entry (see step 7 on page 73 to learn more about your options about customizing phone book entries).

note


- When editing the number, you can also press and hold # to enter a pause.
- Display remains in predial mode after saving the edited redial entry to the phone book.

Telephone operation

Dialing a redial entry

In the **Redial** list, you can dial a redial entry telephone number using the **HOME** or **CELL** line.

To redial an entry:

1. Press the **REDIAL** softkey when the handset or telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select a redial entry.
3. Press **HOME/FLASH** or  on the handset, or **HOME** on the telephone base.

–OR–

Press **CELL** on the handset or on the telephone base.

Editing a redial entry

When a redial entry has been selected, you can edit the entry and save it to the phone book or dial the telephone number.

To edit a redial entry:

1. Press the **REDIAL** softkey when the handset or telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select a redial entry.
3. Press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base to put the selected entry to predial mode.
 - Press **OFF/CANCEL** on the handset or **CANCEL** on the telephone to delete the last digit.
 - Press the **PAUSE** softkey to enter a pause.
4. Press the **SAVE** softkey to save the entry in the **Phone Book** (see pages 72-74).

note

- If you select **Delete All Entries, Delete all Redial numbers?** will appear on the display. Press the **YES** softkey to delete all entries.

Telephone operation

Deleting redial entries

In the **Redial** list, you can delete one entry or all of the entries.

To delete entries in the **Redial** list:

1. Press the **REDIAL** softkey when the handset or telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select a redial entry, then press the **DELETE** softkey.
3. Press the **UP** and **DOWN** Navkeys to select:
 - **Delete Entry** - only delete the selected redial entry.
 - **Delete All Entries** - delete all the entries in the **Redial** list (see note).
4. Once you have selected an option, press **MENU/SEL** on the handset or press the **SELECT** softkey on the telephone base (see note for exception).

Answering system

Answering system operation

The answering system can record up to 99 messages, for a total of 15 minutes. The answering system only answers calls on the **HOME** line.

When there are new messages (including memos) on the answering system, the **MESSAGE** light on the telephone base will flash, and the telephone base display will indicate the number of new messages. On a handset, the message icon **OO** and the clock will flash alternately, and the display will show **New Message**.

To play answering system messages:

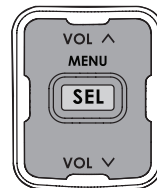
Using a handset

1. Press **MENU/SEL** when the handset is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Messages**, then press **MENU/SEL** to enter the **Messages** menu.
3. Press the **PLAY** softkey.

Using the telephone base

- Press **PLAY**.

To learn how to setup the answering system, see the **Answering system setup section** (page 50).



note

- Press **VOL ^** and **VOL v** to adjust the playback volume when playing messages.

Answering system

Message announcements

Before playing each message, the answering system announces the day and time that the message was received. The system will announce *"Date and time not set"* if the clock is not set. To manually set the time and day, see page 42.

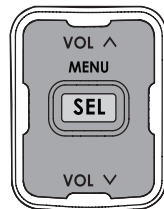
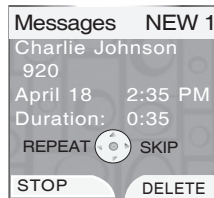
If you have new messages, the system will announce the number of new messages and play the oldest message first. If you only have old messages, the system will announce the number of old messages and play the oldest message first. If you have both new and old messages, the system will only announce and play the number of new messages. When messages are finished playing on the handset, the screen will return to the **Messages** menu. When messages are finished playing on the telephone base, the system will return to idle mode.

Options during playback

When playing messages on the handset or telephone base, you can adjust the playback volume, skip, repeat, stop, or delete messages.

When playing messages using a handset:

- Press the **UP** and **DOWN** Navkeys to adjust the playback volume.
- Press the **STOP** softkey to stop the playback.
- Press **RIGHT** Navkey to skip to the next message.
- Press **LEFT** Navkey to repeat the message currently playing. Press twice to listen to the previous message.
- Press the **DELETE** softkey to delete the message currently being played.



Answering system

Options during playback (continued)

When playing messages using the telephone base

- Press **VOL ^** or **VOL V** button to adjust the playback volume.
- Press **PLAY/SKIP** to skip to the next message.
- Press **REPEAT** to repeat the message currently playing. Press twice to listen to the previous message.
- Press **DELETE** softkey to delete the message currently being played.
- Press **STOP** softkey to stop the playback.

To delete all messages

You can only delete reviewed messages. Any new messages must be played before you can delete them. Any deleted messages cannot be retrieved again.

To delete all old messages:

Using a handset

1. Press **MENU/SEL** when in the idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Messages**, then press **MENU/SEL** to enter the **Messages** menu.
3. Press the **DELETE** softkey and the screen displays **Delete all old Messages?**
4. Press the **YES** softkey to delete all messages.

Using the telephone base

1. Press **MENU** when in the idle mode.
2. Press the **UP** and **DOWN** Navkeys to select **Messages**, then press **MENU** to enter the **Messages** menu.
3. Press the **DELETE** softkey, then the screen displays **Delete all old Messages?**
4. Press the **YES** softkey to delete all messages.

note

- Speak facing the **MIC** at the bottom front of the telephone base from about nine inches away when recording a memo.

Answering system

Call screening (on the telephone base)

If the answering system is on, you can listen to a caller leaving a message on the answering system. See page 55 for **Call screening setup**.

Call intercept

If a caller is leaving a message on the answering system, you can intercept the call by pressing **HOME/FLASH** or **Ⓜ** on the handset, or **HOME** on the telephone base.

Record memo

Memos are your own recorded messages used as a reminder to yourself or for others in the household using the same answering system. They are saved, played back and deleted exactly like other answering system messages.

To record a memo on the telephone base:

1. Press the **MENU** softkey when the telephone base is in idle mode.
2. Press the **UP** and **DOWN** Navkeys to highlight **Answering System**, then press the **SELECT** softkey to enter the **Answering System** menu.
3. Press the **UP** and **DOWN** Navkeys to highlight **Record Memo**, then press the **SELECT** softkey.
4. Record your memo after the tone. It can be up to four minutes in length.
5. Press the **STOP** softkey when finished recording and it will then return to the idle mode.

Answering system

Remote access

You can access your answering system remotely by dialing your home telephone number from any touch-tone telephone.

To remotely access your answering system:

1. Dial your telephone number from any touch tone telephone.
2. At anytime when the answering system answers the call, enter **5000** (default remote access code, see page 55 to change this setting).
 - If you have new messages, the system will automatically announce the number of new messages and then begin to play them.
3. Enter the following remote commands on a touch tone phone.

Remote command	Action
1	Play all messages.
2	Play only new messages.
3	Delete the current message (during playback).
33	Delete all messages.
4	Repeat the current message (during playback).
5	Pause/resume message (during playback).
5	Hear a list of remote commands.
6	Skip to the next message (during playback).
7	Record a new announcement.
0	Turn the answering system on or off.
#	Stop message playback
Hang up	Save all undeleted messages.

4. Hang up to end the call and save all undeleted messages.

note

- If you pause for more than four seconds during remote access, "Press 5 for help." will be announced. If no commands are entered for approximately 20 seconds, the call will be ended automatically.
- If memory is full, the system will answer after 10 rings, and announce "Please enter your remote access code." Enter your remote access code to enter the remote access mode.

Battery

After the battery is fully charged, you can expect the following performance:

Operation	Operating time
While in use (talking)	5 hours
While not in use (standby*)	5 days

*Handset is off the telephone base but not in use.

The battery needs charging when:

- A new battery is installed in the handset.
- The telephone beeps when taken off the telephone base.
- Battery indicator on the handset screen is flashing.

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions:

1. Use only the battery(ies) provided or equivalent. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.
2. Do not dispose of the battery(ies) in a fire. They may explode. Check with local waste management codes for special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling batteries in order not to create a short circuit with conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO WATER OR ANY TYPE OF MOISTURE.

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bathtub, kitchen sink, or swimming pool).
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through slots in the base or handset as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled onto the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions, as improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
 - E. If the product has been dropped and the base and/or handset has been damaged.
 - F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Only put the handset of your telephone next to your ear when it is in normal talk.
16. This power unit is intended to be correctly oriented in a vertical or floor mount position.

SAVE THESE INSTRUCTIONS

www.vtechphones.com

Troubleshooting

If you have difficulty operating your telephone, please try the suggestions below. For Customer Service, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

Problem	Suggestion
I cannot pair my cell phone to the telephone base.	<ul style="list-style-type: none">• Make sure the Bluetooth function of your cell phone is turned on. See your cell phone user's manual for more information.• Remove the LS5145 from your cell phone's handsfree device history list (see your cell phone user's manual for more information).• Carefully follow the pairing instructions on page 20, making sure that your cell phone is not connected to any other Bluetooth device(s).• Turn off your cell phone, then turn it on again.• Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.
I cannot pair my headset to the telephone base.	<ul style="list-style-type: none">• Make sure that your Bluetooth headset is in discoverable mode when pairing with the telephone base. See your headset user's manual for more information on how to set your headset in discoverable mode.• Carefully follow the pairing instructions on page 21, making sure that your headset is not connected to any other Bluetooth device(s).• Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.

Troubleshooting

Problem	Suggestion
I cannot connect my cell phone with the telephone base.	<ul style="list-style-type: none">• Make sure that the Bluetooth function of your cell phone is turned on. See your cell phone user's manual for more information.• Make sure that your Bluetooth cell phone is not connected to any other Bluetooth device(s).• Turn off your cell phone, then turn it on again.• Make sure that your cell phone is connected and on the Active Devices list (page 26).• For some cell phones, you must authorize the LS5145 device in your cell phone's Bluetooth feature. See your cell phone user's manual for more information.• Manually connect your cell phone to the LS5145. Refer to your cell phone user's manual for more information.
I cannot connect my headset with the telephone base.	<ul style="list-style-type: none">• Make sure that your Bluetooth headset is not connected to any other Bluetooth device(s).• Make sure that your headset is connected and on the Active Devices list (page 26).

Troubleshooting

Problem	Suggestion
I cannot put my headset in discoverable mode.	<ul style="list-style-type: none">• Refer to your headset user's manual for information on how to set your headset in discoverable mode. For many headsets, they are by default in discoverable mode. For other headsets, you may have to turn on the headset and <u>press and hold</u> the call button for a certain time period.• Make sure that the headset is not connected to any other device(s) in order to successfully pair and connect to the telephone base.• Carefully follow the pairing process on page 21.• Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions.
I cannot find the LS5145 on my cell.	<ul style="list-style-type: none">• Make sure that the telephone base is in discoverable mode. Carefully follow the setup instructions on page 20.• Make sure that you manually set your cell phone to find or search for devices.• Remove the LS5145 from your cell phone's handsfree device history list (see your cell phone user's manual for more information).• Turn off your cell phone, then turn it on again.• Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Repeat the above suggestions..
I don't know how to search for or add new devices on my cell phone.	<ul style="list-style-type: none">• Most cell phones have the Bluetooth feature in the connection or setup menus. Please refer to your cell phone user's manual.• In general, press the menu key on your cell phone, then look for the Bluetooth menu, in the settings or connection menu. In the Bluetooth menu, select the option to search for or add new devices.

Troubleshooting

Problem	Suggestion
My cell phone disconnects with the telephone base.	<ul style="list-style-type: none"> • Turn off your cell phone, then turn it on again. • Make sure that you are not using your cell phone when on a CELL call.
My cell phone is connected to the telephone base, but I cannot make a CELL call.	<ul style="list-style-type: none"> • Make sure that your cell phone is connected and on the Active Devices list (page 26) and it is in idle mode when you are trying to make a CELL call. • Make sure that your cell phone is compatible. • For some smartphones, make sure that the cellular function is turned on.
Bluetooth System Busy appears on the display.	<ul style="list-style-type: none"> • Make sure that your cell phone is in idle mode when connected and on the Active Devices list. • Make sure that your cell phone or headset is not connected to any other Bluetooth device. • The LS5145 can only use one Bluetooth device at a time.
The PIN on the telephone base does not work.	<ul style="list-style-type: none"> • The default PIN is 0000. • If you change the PIN on the telephone base, it will appear on the telephone base display in the pairing process.
I cannot hear any audio on my telephone system when on a CELL call.	<ul style="list-style-type: none"> • Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. • Turn off your cell phone, then turn it on again.

Troubleshooting

Problem	Suggestion
My telephone system does not work at all.	<ul style="list-style-type: none">• Make sure the handset battery is installed and charged correctly (see page 3). For optimum daily performance, return the cordless handset to the telephone base after use.• Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch.• Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack.• Reset the telephone base. Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and base to reset.• Remove and re-insert the battery pack. If that still does not work, it may be necessary to purchase a new battery pack.
There is no dial tone.	<ul style="list-style-type: none">• First, try all the above suggestions.• Move the cordless handset closer to the telephone base. It might be out of range.• The telephone line cord might be malfunctioning. Try installing a new telephone line cord.• Disconnect the telephone base from the telephone jack and connect a different telephone. If there is no dial tone on the telephone either, the problem is in your wiring or local service. Contact your local telephone company.

Troubleshooting

Problem	Suggestion
<p>The battery does not charge in the handset or the handset battery does not accept charge.</p>	<ul style="list-style-type: none"> • Make sure the handset is placed in the telephone base or charger correctly. The CHARGE light on the handset should be on. • Remove the battery from the handset and install it in the spare battery compartment at the bottom of the telephone base and let it charge for 16 hours. Then re-install the charged battery pack into the handset. • If the cordless handset is in the charger or in the telephone base but the CHARGE light is not on, refer to The CHARGE light is off in the section below. • It may be necessary to purchase a new battery. Please refer to the battery section of this user's manual. • The telephone might be malfunctioning. Please refer to the warranty section of this user's manual for further instruction.
<p>Low Battery is displayed on screen.</p>	<ul style="list-style-type: none"> • Place the handset in the base or charger for recharging. • Remove and re-install the battery pack and use it normally until fully discharged, then recharge the handset on the base or charger for 16 hours. • If the above measures do not correct the problem, the battery pack may need to be replaced.

Troubleshooting

Problem	Suggestion
The telephone does not ring when there is an incoming call.	<ul style="list-style-type: none">• Make sure the ringer is on. (See page 36 for the handset and page 48 for telephone base ringer volume).• Make sure the telephone line cord and power adapter are plugged in properly (page 5).• The cordless handset may be too far from the telephone base. Move it closer to the telephone base.• There may be too many extension phones on the telephone line to allow all of them to ring simultaneously. Try unplugging some of them.• If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact the local telephone company (charges may apply).• Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.• Test a working telephone at the telephone jack. If another telephone has the same problem, the problem is in the telephone jack. Contact your local telephone company (charges may apply).• The telephone line cord might be malfunctioning. Try installing a new telephone line cord.• Re-install the battery pack and place the cordless handset in the telephone base.• Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Troubleshooting

Problem	Suggestion
I cannot dial out.	<ul style="list-style-type: none">• Make sure there is a dial tone before dialing on the HOME line. It is normal if the cordless handset takes a second or two to synchronize with the telephone before producing a dial tone. Wait an extra second before dialing.• If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact your local telephone company (charges may apply).• Eliminate any background noise. Noise from a television, radio, or other appliances may cause the telephone to not dial out properly. If you cannot eliminate the background noise, first try muting the cordless handset before dialing, or dialing from another room in your home with less background noise.

Troubleshooting

Problem	Suggestion
<p>There is interference during a telephone conversation.</p> <p>-OR-</p> <p>My calls fade out or cut in and out when I am using the cordless handset.</p>	<ul style="list-style-type: none">• The handset may be out of range. Move it closer to the telephone base.• Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliances or telephone base to another outlet.• Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.• Microwave ovens operate on the same frequency as your telephone. It is normal to experience static on your telephone while the microwave oven is operating. Do not install this telephone in the same outlet or near a microwave oven.• If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this solves the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector.• The layout of your home or office might be limiting the operating range. Try moving the telephone base to another location, preferably a higher location for better reception.• Disconnect the telephone base from the telephone jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your local service company (charges may apply).• Do you have DSL service? If yes, you need to have a DSL filter installed at every telephone jack that has a telephone connected to it. Contact your DSL service provider for filter information.

Troubleshooting

Problem	Suggestion
I hear other calls when using the telephone.	<ul style="list-style-type: none"> • Disconnect the telephone base from the telephone jack. Plug in a different telephone. If you still hear other calls, the problem is probably in the wiring or local service. Call your local telephone company.
The CHARGE light is off.	<ul style="list-style-type: none"> • Clean the charging contacts on the cordless handset(s) and telephone base each month using a pencil eraser or a dry non-abrasive fabric. • Make sure the power adapter and telephone line cords are plugged in correctly and securely. • Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the cordless handset and telephone base to reset. • The telephone might be malfunctioning. Please refer to the Warranty section of this user's manual for further instruction (page 112).
Registration failed appears on the handset display.	<ul style="list-style-type: none"> • Only one handset can be registered at a time. If you have multiple handsets to register, please follow the step on page 7 for the first handset. Once a handset has been successfully registered, repeat the steps for each handset that needs to be registered. • Make sure that the telephone base and handset(s) are in idle mode when registering a handset (page 7). • Follow the steps on page 110 for the common cure for electronic equipment, then try again to register a handset.

Troubleshooting

Problem	Suggestion
My caller ID features are not working properly.	<ul style="list-style-type: none">• Caller ID is a subscription service. You must subscribe to this service from your local telephone company for this feature to work on your telephone.• The caller may not be calling from an area which supports caller ID.• Both you and the caller's telephone companies must use equipment which are compatible with caller ID service.• If you subscribe to DSL service, install a noise filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.
The system does not receive caller ID or the system does not display caller ID during call waiting.	<ul style="list-style-type: none">• Make sure you subscribe to caller ID with call waiting features services provided by the local telephone company.• The caller may not be calling from an area which supports caller ID.• Both you and the caller's telephone companies must use equipment which are compatible with caller ID service.• If you subscribe to DSL service, install a DSL filter to the telephone line between the telephone base and the telephone line jack. Contact your DSL service provider for filter information.

Troubleshooting

Problem	Suggestion
<p>The answering system does not answer after the correct number of rings.</p>	<ul style="list-style-type: none"> • Make sure the answering system is on (ANS. OFF will appear in the top left corner of the telephone base if the answering system is off). • If the Toll Saver feature is on, the number of rings changes to two when there are new messages stored (page 54). • If the memory is full or if the answering system is off, the system will answer after ten rings. • In some cases, the answering system may be affected by the ringing system used by the local telephone company.
<p>The announcement message is not clear.</p>	<ul style="list-style-type: none"> • When recording the announcement, make sure you speak in a normal tone of voice about nine inches from the telephone base. • Make sure there is no background noise (television, music, traffic, etc.) when recording.
<p>The answering system does not record message.</p>	<ul style="list-style-type: none"> • Make sure the answering system is on. • Make sure the memory of the answering system is not full.
<p>The messages on the answering system are incomplete.</p>	<ul style="list-style-type: none"> • If a caller leaves a very long message, part of it may be lost when the system disconnects the call after four minutes. • If the caller pauses for more than seven seconds, the system stops recording and disconnects the call. • If the memory on the system becomes full during a message, the system stops recording and disconnects the call. • If the caller's voice is very soft, the system may stop recording and disconnect the call.

Troubleshooting

Problem	Suggestion
The messages on the system are very difficult to hear.	<ul style="list-style-type: none">• Press the UP Navkey on the handset or on the telephone base to increase the speaker volume.
The answering system does not respond to remote commands.	<ul style="list-style-type: none">• Make sure your remote access code is correct (see page 55).• Make sure you are calling from a touch tone telephone. When dialing a number, you should hear tones. If you hear clicks, then it is not a touch tone telephone and cannot activate the answering system.• The answering system may not detect the remote access code when your announcement is playing. Wait until the announcement is over before entering the code.• There may be interference on the telephone line you are using. Press the dial pad keys firmly when dialing.
Common cure for electronic equipment.	<ul style="list-style-type: none">• If the telephone is not responding normally, try putting the cordless handset in the telephone base or the charger. If it does not seem to respond, try the following (in the order listed):• Disconnect the power to the telephone base.• Disconnect the battery on the cordless handset and the spare battery in the telephone base.• Wait a few minutes before connecting power to the telephone base.• Re-install the battery pack and place the cordless handset into the telephone base or charger.• Wait for the cordless handset to synchronize its connection with the telephone base. Allow up to one minute for this to take place.

Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance ---which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset will display **Searching for Base...** The user can access the handset phone book and certain parts of the menu system. **NOT AVAILABLE AT THIS TIME** will be displayed if access is denied.

If there is a call while the handset is out of range, it might not ring, or if it does ring, the call might not connect well when you press **TALK/FLASH**. Move closer to the telephone base, then press **TALK/FLASH** to answer the call.

If the handset moves out of range during a telephone conversation, there might be interference.

To improve reception, move closer to the telephone base.

Maintenance

Taking care of your telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electric appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in water. If the telephone base should fall into the water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORDS FROM THE WALL**. Then pull the unit out by the unplugged cords.

About cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical Power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged or switched off, or if the electrical power is interrupted.
- **Potential TV Interference:** Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable Batteries:** This product contains either Nickel-Cadmium or Nickel-Metal Hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-Metal Hydride Rechargeable Batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

Warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase ("Consumer" or "you") that the Product and all accessories provided in the sales package ("Product") are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period ("Materially Defective Product")?

During the limited warranty period, VTech's authorized service representative will repair or replace at VTech's option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech's option, is your exclusive remedy. VTech will return repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or
2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or

Warranty

4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without valid proof of purchase (see item 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

To obtain warranty service in the United States of America, please call 1 (800) 595-9511. In Canada, please call 1 (800) 267-7377. NOTE: Before calling for service, please review the user's manual - a check of the Product controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty to you, transportation, delivery or handling charges prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other Limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended 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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. If you choose to use a clipping device, please make sure to only use the supplied VTech belt clip.

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

FCC, ACTA and IC regulations

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

- Remain on the line and briefly explain the reason for the call before hanging up.
- Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

This equipment complies with regulations RSS210 and CS-03 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

The RBRC® seal



The RBRC® seal on the nickel-metal-hydride battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-metal-hydride batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1-800-8-BATTERY™** for information on Ni-MH battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Operating frequency	Cordless system: 5.725-5.850 GHz Bluetooth system: 2.400-2.4835 GHz
Channels	95
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Handset: 3.6V 550mAh NiMH battery Telephone base: DC 7V@ 800mA
Memory	Phone book: 100 memory locations; up to 32 digits and 16 characters per location Call log: 100 memory locations; up to 16 digits and 16 characters per location

Index

A

- Active devices 26
- Add an active device 28
- Adding new handsets 7
- Adjusting the listening volume 64
- Announcement 52
- Answering system 91
- Answering system settings 50
- Answer on/off 51

B

- Battery 3, 96
- Bluetooth 16
- Bluetooth setup 19

C

- Call intercept 94
- Call log 80
- Call screening 55, 94
- Call waiting 61, 63, 68, 79
- Caller ID 79
- Change PIN (of the telephone base) 29
- Clear missed calls 86
- Clear voice mail 33, 44
- Conference calls 67
- Creating a new phone book entry 72

D

- Default settings 34, 46
- Delete paired devices 24, 25
- Delete a ringer melody 37
- Delete handsets 46
- Delete messages 93
- Delete registration 34
- Deleting call log entries 84
- Deleting phone book entries 78
- Deleting redial entries 90
- Dialing a call log entry 83
- Dial a phone book entry 76
- Dialing a redial entry 89
- Dialing options 83
- Phone book 71
- DSL filter 5

E

- Edit a phone book entry 77
- Edit handset name 31
- Editing a redial entry 89
- Expanding your telephone system 6

F

- FCC, ACTA and IC regulations 114

Index

- G**
 - Getting started 1
- H**
 - Handset animations 40
 - Handset layout 8
 - Handset main menu 12
 - Handset pictures 39
 - Handset ringers 35
 - Handset settings 30
 - Handset status icons 10
 - Hold 65
- I**
 - Important safety instructions 97
 - Index 117
 - Installation setup 2
 - Intercom 68
- K**
 - Keypad tone 32, 43
- L**
 - Language 32, 43
 - LCD contrast 33, 44
- M**
 - Maintenance 111
 - Make a cell call 62
 - Make a home call 58
 - Managing your devices 23
 - Memory match 81
 - Message announcements 92
 - Message alert tone 56
 - Mute 65
- N**
 - Number of rings 54
- O**
 - Operating range 111
 - Options during playback 92
- P**
 - Paired devices 23
 - Parts checklist 1
 - Pictures menu 39
 - Play recorded messages in the Call Log 85

Index

R

- Receive a cell call 63, 66
- Receive a home call 60, 66
- Recording an announcement 53
- Record memo 94
- Record new ringer 38
- Redial list 87
- Remote access 95
- Remote code 55
- Remove an active device 28
- Rename a paired device 23
- Replace an active device 27
- Reviewing the call log 82
- Ringer melody 37, 49
- Ringer volume 36, 48

S

- Saving call log entries into the phone book 84
- Saving redial entries into the phone book 88
- Searching for phone book entries 75
- Set date 42
- Set time 42
- Set up cellular 20
- Set up headset 21
- Show handset name 31
- Silencing the ringers 64
- Spare battery 4
- System setup 30

T

- Technical specifications 116
- Telephone base installation 5
- Telephone base layout 9
- Telephone base main menu 14
- Telephone base ringers 47
- Telephone base settings 41
- Telephone base status icons 11
- Telephone operation 57
- Troubleshooting 98

V

- View device information 25
- Voice mail 45, 70

W

- Warranty 112

VTECH TELECOMMUNICATIONS LTD.

A member of THE VTECH GROUP OF COMPANIES.

Distributed in the U.S.A. by VTech Communications, Inc., Beaverton, Oregon

Distributed in Canada by VTech Telecommunications Canada, Ltd., Richmond, B.C.

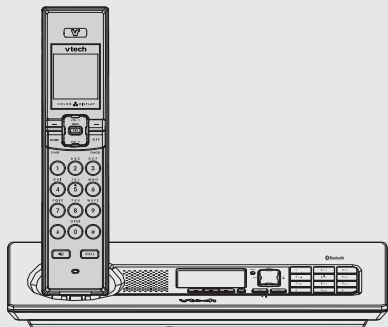
Copyright ©2007 for VTECH TELECOMMUNICATIONS LTD.

Printed in China.

91-0009XXX-020-100

vtech®

Innovation Beyond Technology™



User's manual

www.vtechphones.com

Model: LS5145

 **Bluetooth**

5.8
Digital