

Answering System • Caller ID Cordless Phone



Thank you for purchasing your new cordless phone from **RadioShack**. Please read this user's guide before installing, setting up, and using your new phone.

Contents

Package Contents	4
Features.....	4
Telephone Setup	5
Telephone Base and Charger Installation	5
Battery Installation and Charging	6
Installation Options	8
Wall Mount Installation	8
Telephone Base Layout.....	9
Handset Layout.....	10
Handset Ringer Volume	12
Telephone Base Ringer Volume	12
Ringer Tone.....	12
Key Tone.....	12
LCD Language.....	13
Set Date and Time.....	13
Clear Voicemail	13
Home Area Code.....	14
Answering System Setup	15
Number of Rings.....	15
Remote Code	15
Message Alert Tone.....	15
Announcement	16
Record Your Own Announcement	16
Play Your Announcement	16
Delete Your Announcement.....	17
Telephone Operation	18
Make a Call	18
Predial a Call	18
Answer a Call	18
End a Call	18
Speakerphone.....	18
Volume.....	18
Mute	19
Ringer Mute.....	19
Call Waiting.....	19
Find Handset.....	19
Chain Dialing	19
Multiple Handset Use.....	20
Intercom	20
Share an Outside Call	21

Directory	23
Store a Directory Entry.....	23
Character Chart.....	24
Search the Directory.....	25
Alphabetical Search.....	25
Dial a Directory Entry.....	25
Edit a Directory Entry.....	26
Delete from the Directory.....	26
Call Log	27
About Caller ID.....	27
About the Call Log.....	27
Missed Calls Indicator.....	28
Review the Call Log.....	28
Make a Call Log Entry Ready to Dial.....	29
Dial a Call Log Entry.....	29
Save a Call Log Entry to the Directory.....	29
Delete from the Call Log.....	30
Call Log Display Screen Messages.....	30
Redial List.....	31
Dial a Redial Entry.....	31
Delete from Redial.....	31
Answering System Operation	32
About the Answering System and Voicemail.....	32
Message Capacity.....	32
Turn the Answering System On or Off.....	32
Call Screening.....	33
Call Intercept.....	33
New Message Indication.....	33
Message Playback.....	33
Delete All Messages.....	34
Record and Play Memos.....	35
Recording a Memo.....	35
Message Window Displays.....	35
Remote Access.....	36
Additional Information	38
Handset Display Screen Messages.....	38
Handset and Telephone Base Indicators.....	40
Handset Lights.....	40
Telephone Base Lights.....	40
Handset Icons.....	40
Battery.....	41
Expanding your Telephone System.....	42

Add and Register a Handset (Optional).....42
 Replace a Handset.....43
 Troubleshooting.....44
 Important Safety Instructions.....52
 Operating Range53
 Maintenance54
 About Cordless Telephones55
 Specifications.....55
 FCC Information56
 Limited Warranty57

Package Contents



Telephone base



Base AC adapter



Telephone line cord



Wall bracket



Handset (3)



Handset battery (3)



Handset charger (2)



Charger AC adapter (2)

Features

- DECT 6.0 transmission for secure calls
- Digital answering system records up to 14 minutes
- Messages can be accessed remotely from any Touch-Tone phone
- Caller ID / Call Waiting ID display shows who's calling
- Handset speakerphones enable you to carry on hands-free conversations
- 70 number phonebook
- Caller ID memory keeps information for up to 50 calls
- Intercom function enables you to communicate between handsets
- Backlit display and keypad for easy visibility
- "Find Handset" button helps you locate the handset if it's been misplaced
- Ringer and call volume control
- Last-number redial

Telephone Setup

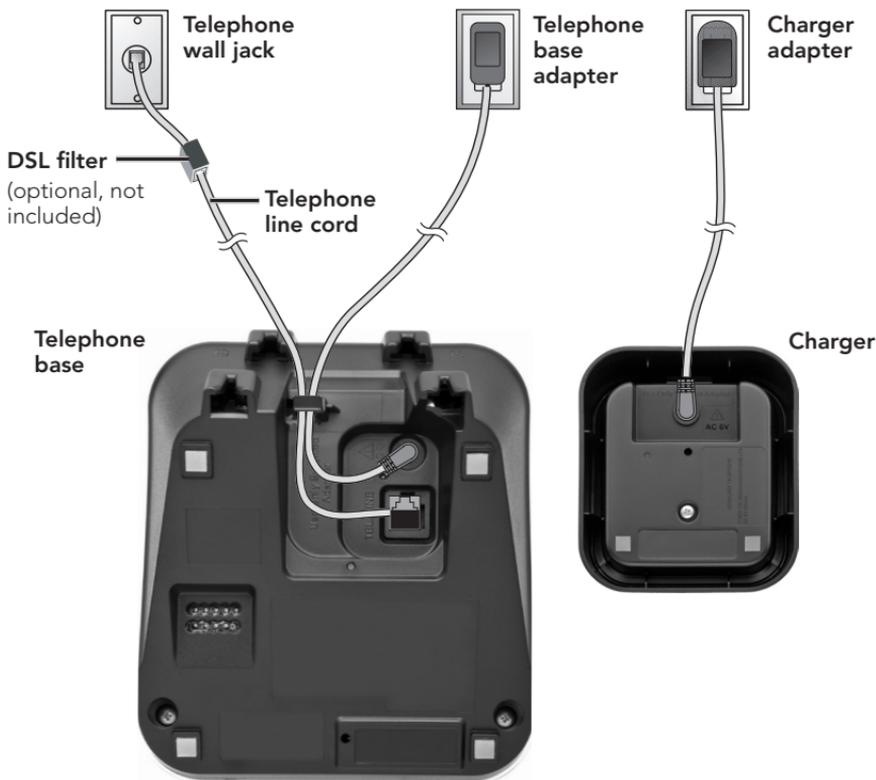
Telephone Base and Charger Installation

Install the telephone base and chargers as shown below. Make sure that the electrical outlet is not controlled by a wall switch.



Notes:

- If you subscribe to digital subscriber line (DSL) high-speed Internet service through your telephone line, you must install a DSL filter between the telephone line cord and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.
- Use only the power adapters supplied with this product.



Battery Installation and Charging

Install the battery as shown below. For best performance, charge the handset for at least 16 hours before use. When not in use, place the handset in the telephone base or charger. See page 41 for battery operating times.

1. If the battery compartment cover is on the handset, press the indentation and slide the cover to remove.
2. Plug the battery securely into the plug inside the handset battery compartment, matching the color-coded label.
3. Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.
4. Align the cover flat against the battery compartment, then slide it towards the center of the handset until it clicks into place.
5. Charge the handset by placing it in the telephone base or charger. The **CHARGE** light is on when the handset charges.



Notes:

- When the screen shows **LOW BATTERY**, the backlight is off.
- If the handset will not be used for a long time, disconnect and remove the battery to prevent possible leakage.
- To purchase replacement batteries, visit your local **RadioShack** store or go to www.RadioShack.com.

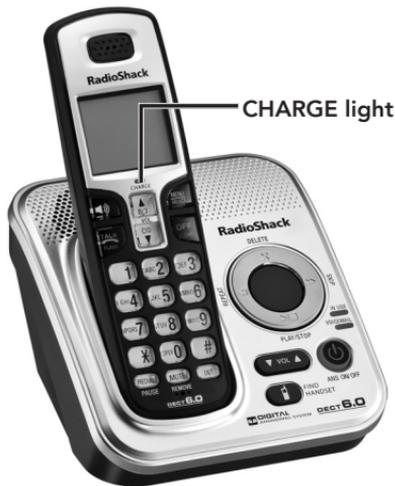


Recycle Rechargeable Batteries



Placing rechargeable batteries in the trash can be harmful to the environment. Instead, recycle old rechargeable batteries at your local **RadioShack** store free of charge. **RadioShack** participates in the RBRC© battery recycling program, and is committed to preserving the environment and conserving natural resources. Call 1-800-THE-SHACK (1-800-843-7422) for more information.

Battery indicators	Battery status	Action
The screen is blank.	Battery has no charge and the handset cannot be used.	Charge until the screen shows LOW BATTERY (at least 10 minutes).
The screen shows PLACE IN CHARGER and  flashes.	Battery has very little charge and the handset cannot be used.	Charge until the screen shows LOW BATTERY (about four minutes).
The screen shows LOW BATTERY ,  flashes, and the handset beeps.	Battery has enough charge to be used for a short time.	Charge until the screen shows HANDSET X (about one hour).
The screen shows HANDSET X .	Battery is charged.	To keep the battery charged, place it in the telephone base or charger when not in use.

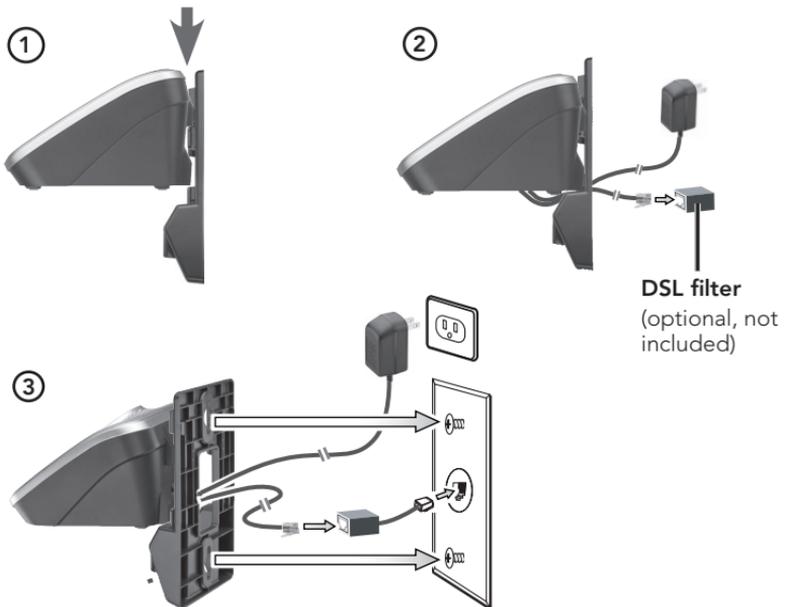


Installation Options

Your telephone base is now ready for table top use. If you want to mount your telephone on a wall, use the provided wall bracket to connect with a standard dual-stud telephone wall mounting plate. If you do not have this mounting plate, you can purchase one from your local **RadioShack** store or www.RadioShack.com. You might need professional assistance to install the mounting plate.

Wall Mount Installation

1. Position the telephone base as shown below. Insert the extended tabs (marked B) of the wall bracket into the slots on the back of the telephone base (marked B). Push the telephone base down until it clicks into place.
2. If you are using a DSL filter, plug the line cord into the filter now. Route the telephone line cord (or DSL filter) through the wall bracket hole. Route the power cord out of the bottom of the telephone.
3. Plug the telephone line cord (or DSL filter) into the wall jack. Plug the power adapter into a power outlet not controlled by a wall switch.
4. Align the holes on the bracket with the standard wall plate and slide the bracket down until it locks securely. Bundle the telephone line cord and power adapter cord neatly with a twist tie.



Telephone Base Layout

X / DELETE

- Press to delete the message currently playing.
- When the phone is not in use, press twice to delete all previously reviewed messages.

◀ / REPEAT
Press to repeat a message or press twice to play previous.

▶ / SKIP
Press to skip to the next message.

▶/■ / PLAY / STOP

- Press to play messages.
- Press to stop message playback.



Message window

Shows the number of messages and other answering system information.

IN USE light

- Flashes when there is an incoming call, or another telephone sharing the same line is in use.
- On when the handset is in use.

VOICEMAIL light

Flashes when you have new voicemail, a service offered by your telephone company.

ANS ON/OFF

Press to turn the answering system on or off.

▼ VOL ▲

- Press to adjust the volume during playback.
- When the phone is not in use, press to adjust the telephone base ringer volume.

FIND HANDSET

Press to page all system handsets.

Handset Layout

CHARGE light

On when the handset is charging in the telephone base or charger.

Speakerphone

Press to switch between speakerphone and handset.

TALK / FLASH

- Press to make or answer a call.
- During a call, press to receive an incoming call when you receive a call waiting alert.

1

While reviewing a call log entry, press repeatedly to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

REDIAL/PAUSE

- Press to review the redial list.
- While dialing or entering numbers into the directory, press and hold to insert a dialing pause.



**▲ (Directory)**

- Press to enter the directory when the telephone is not in use.
- While in a menu, press to scroll up.
- During a call, press to raise the listening volume.

▼ (caller ID)

- Press to review the call log when the telephone is not in use.
- While in a menu, press to scroll down.
- During a call, press to lower the listening volume.

MENU/SELECT

- Press to show the menu.
- While in a menu, press to select an item, or save an entry or setting.

OFF/CLEAR

- During a call, press to hang up.
- While the handset is ringing, press to silence the ringer temporarily.
- Press and hold while the telephone is not in use to erase the missed calls indicator.
- During programming, press to exit without making changes.

#

Press to show other dialing options when reviewing a call log entry.

INT (intercom)

Press to initiate an intercom conversation or transfer a call.

MUTE/REMOVE

- While on a call, press to mute the microphone.
- While reviewing the call log or directory, press to delete an individual entry.
- Press to delete digits when predialing.

Handset Ringer Volume

You can set the ringer volume or turn the ringer off.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>RINGER VOLUME**, then press **MENU/SELECT**.
3. Press **▲** or **▼** to adjust the volume. A sample of each ringer volume plays as you scroll through the choices.
4. Press **MENU/SELECT** to confirm your selection.

>RINGER VOLUME
RINGER TONE



RINGER VOLUME



Note: Setting the volume to the lowest level turns off the ringer. The ringer off icon (🔕) appears.

Telephone Base Ringer Volume

Press **VOL ▲** or **VOL ▼** on the telephone base to adjust the ringer volume when the telephone is not in use. When you set the ringer volume to zero, the base ringer is off and the system announces, "Base ringer is off."

Ringer Tone

You can choose from different ringer tones.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>RINGER TONE**, then press **MENU/SELECT**.
3. Press **▲** or **▼** to select the desired ringer tone. A sample of each ringer tone plays as you scroll through the choices.
4. Press **MENU/SELECT** to confirm your selection.

>RINGER TONE
KEY TONE



RINGER TONE

1



If you turn off the ringer volume, you will not hear ringer tone samples.

Key Tone

You can turn the key tone on or off.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>KEY TONE**, then press **MENU/SELECT**.
3. Press **▲** or **▼** to choose **ON** or **OFF**.
4. Press **MENU/SELECT** to confirm your selection.

>KEY TONE
LCD LANGUAGE



KEY TONE

ON



LCD Language

You can select ENGLISH, FRANÇAIS or ESPAÑOL to be used in all screen displays.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>LCD LANGUAGE**, then press **MENU/SELECT**.
3. Press **▲** or **▼** to scroll through the choices.
4. Press **MENU/SELECT** to confirm your selection.

>LCD LANGUAGE
SET DATE/TIME


LCD LANGUAGE
ENGLISH


Set Date and Time

The answering system announces the day and time of the message prior to playing it. Before using the answering system, set the date and time as follows.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>SET DATE/TIME**, then press **MENU/SELECT**.
3. Press the number keys (**0-9**) to enter a two-digit number or press **▲** or **▼** until the screen displays the correct value. Press **MENU/SELECT** to advance.
4. Repeat step 3 until the date and time are set.

>SET DATE/TIME
CLR VOICEMAIL


SET DATE
12/25/08


SET TIME
03:18 AM




Notes:

- If you subscribe to caller ID service, the date and time are set automatically with each incoming call. The year must be correct so that the day of the week can be calculated from the caller ID information.
- If the date and time are not set, the system announces, "Time and day not set," before each message plays.

Clear Voicemail

If you subscribe to voicemail service offered by your telephone company, when you have new voicemail messages **NEW VOICEMAIL** and  appear on the handset, and the **VOICEMAIL** light on the telephone base flashes. Contact your local telephone company for more information and assistance about using your voicemail service.

After you have listened to all new voicemail messages, the indicators on both the handset and telephone base turn off automatically.

Use the clear voicemail feature when the telephone indicates that there is new voicemail but there is none (for example, when you have accessed your voicemail while away from home). Clearing the voicemail waiting indicator only turns off the indicators; it does not delete your voicemail messages. As long as you have new voicemail messages, your local telephone company continues to send the signal to turn on the indicators.

To manually turn off these indicators:

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>CLR VOICEMAIL**, then press **MENU/SELECT**. The screen shows **TURN OFF INDICATOR?**
3. Press **MENU/SELECT** to confirm your selection.



 **Note:** Your telephone service provider might alert you to new messages with a stutter (broken) dial tone. Contact your service provider for details.

Home Area Code

If you dial your local calls using only seven digits (area code not required), you can program your home area code so that when you receive a call within your local area, the telephone number is automatically stored without the area code in the call log.

1. Press **MENU/SELECT** to show the menu.
2. Press **▲** or **▼** to select **>HOME AREA CODE**, then press **MENU/SELECT**.
3. Use the dialing keys to enter the desired home area code.
 - Press **MUTE/REMOVE** to delete a digit.
 - Press and hold **MUTE/REMOVE** to delete the entire entry.
6. Press **MENU/SELECT** to confirm.



 **Note:** If in the future your telephone company requires you to dial the area code when making a local call, delete the home area code you have already programmed by pressing **MUTE/REMOVE**. After you have deleted the programmed home area code, **__** appears.

Answering System Setup

Use a handset to change your answering system settings.

Number of Rings

You can choose from two, four, or six rings; or toll saver. With toll saver selected, the answering system answers after two rings when you have new messages, and after four rings when you have no new messages. This enables you to check for new messages and avoid paying unnecessary long distance charges if you are calling from out of your local area.

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM.*
3. Press **▲** or **▼** to select *>ANS SYS SETUP*, then press **MENU/SELECT**.
4. Press **▲** or **▼** to select *># OF RINGS*, then press **MENU/SELECT**.
5. Press **▲** or **▼** to choose from *2. 4. 6* or *TOLL SAVER*, then press **MENU/SELECT** to confirm your selection.

Remote Code

A two-digit security code is required to access the answering system remotely from any touch tone telephone. The preset code is 19. You can set the code from 10 to 99.

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM.*
3. Press **▲** or **▼** to select *>ANS SYS SETUP*, then press **MENU/SELECT**.
4. Press **▲** or **▼** to select *>REMOTE CODE*, then press **MENU/SELECT**.
5. Press **▲** or **▼** to change the code, then press **MENU/SELECT** to confirm.

Message Alert Tone

This telephone can be set to beep every 10 seconds to alert you of new messages. The tone stops when all new messages have been reviewed.

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM.*
3. Press **▲** or **▼** to select *>ANS SYS SETUP*, then press **MENU/SELECT**.

4. Press ▲ or ▼ to select *>MSG ALERT TONE*, then press **MENU/SELECT**.
5. Press ▲ or ▼ to select *ON* or *OFF*, then press **MENU/SELECT** to confirm your selection.

 **Note:** The answering system must be turned on for the message alert tone to function.

Announcement

The telephone is preset with a greeting that answers calls with *"Hello, please leave a message after the tone."* You can use this preset announcement, or replace it with your own.

Record Your Own Announcement

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM*.
3. Press ▲ or ▼ to select *>ANS SYS SETUP*, then press **MENU/SELECT**.
4. Press ▲ or ▼ to select *>ANNOUNCEMENT*, then press **MENU/SELECT**. The handset announces, *"To play, press 2. To record, press 7."*
5. Press **7** to record. The handset announces, *"Record after the tone. Press 5 when you are done."*
6. After the tone, speak towards the microphone of the handset.
7. Press **5** when finished.
8. The answering system automatically plays back the newly recorded announcement. Press **5** to stop the playback at anytime; **2** to replay the recorded announcement; or **7** to record again if desired.

 **Notes:**

- Your announcement can be up to 90 seconds in length.
- Announcements shorter than two seconds are not recorded.

Play Your Announcement

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM*.
3. Press ▲ or ▼ to select *>ANS SYS SETUP*, then press **MENU/SELECT**.
4. Press ▲ or ▼ to select *>ANNOUNCEMENT*, then press **MENU/SELECT**. The handset announces, *"To play, press 2. To record, press 7."*
5. Press **2** to play.

Delete Your Announcement

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select *>ANS. SYSTEM*.
3. Press **▲** or **▼** to select *>ANS SYS SETUP*, then press **MENU/SELECT**.
4. Press **▲** or **▼** to select *>ANNOUNCEMENT*, then press **MENU/SELECT**.
The handset announces, "To play, press 2. To record, press 7."
5. Press **3** to delete your own recorded announcement.



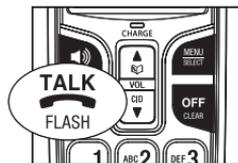
Note: When your announcement is deleted, calls are answered with the preset announcement.

Telephone Operation

Make a Call

Press **TALK/FLASH** or . You will hear a dial tone.

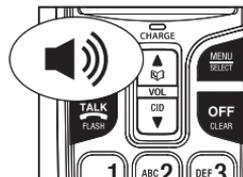
Dial the number.



Redial a Call

Dial the number.

Press **TALK/FLASH** or .



Answer a Call

Press **TALK/FLASH**, , or any of the dialing keys (0-9, #, *).

Notes:

- The screen shows the elapsed time as you talk (in hours, minutes and seconds).
- When redialing (preview numbers before dialing), press **MUTE/REMOVE** or **OFF/CLEAR** to backspace and delete; press and hold **REDIAL/PAUSE** to insert a dialing pause (p appears).

End a Call

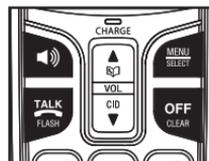
Press **OFF/CLEAR** or put the handset in the telephone base or charger.

Speakerphone

During a call, press  to switch between speakerphone and normal handset use.

Volume

During a call, press **VOL ▲** or **VOL ▼** to adjust the listening volume.



Mute

The mute function allows you to hear the other party but the other party cannot hear you.

1. During a call, press **MUTE/REMOVE** on the handset. The handset screen shows *MUTED* for a few seconds. *MUTE* appears at the bottom of the screen until the mute function is turned off.
2. Press **MUTE/REMOVE** again to resume the conversation. The handset screen temporarily shows *MICROPHONE ON*.



Ringer Mute

When the telephone is ringing, press **OFF/CLEAR** or **MUTE/REMOVE** to temporarily silence the ringer without disconnecting the call. The next call rings normally.



Call Waiting

If you subscribe to call waiting service from your telephone company, you hear an alert tone if there is an incoming call while you are on another call.

Press **TALK/FLASH** to answer the new incoming call. Press **TALK/FLASH** again to return to the original call.

Find Handset

Use this feature to page all system handsets.

Press **FIND HANDSET** on the telephone base. All idle handsets ring and the screens show **** PAGING ****.

To end paging, press **TALK/FLASH**, , any dialing keys (0-9, #, *), or press **FIND HANDSET** on the telephone base.



Chain Dialing

Use this feature while already dialing one phone number or while on a call to initiate a dialing sequence from numbers stored in the directory, stored in the call log, or from the most recent redial phone number. Chain dialing can be useful when accessing numbers other than phone numbers (such as bank account information or access codes).

To access a number in the directory while on a call:

1. Press **MENU/SELECT** twice to select *>DIRECTORY*.
2. Scroll to the desired entry by pressing **▲** or **▼**.
3. Press **MENU/SELECT** to dial the displayed number.

To access a number in the call log while on a call:

1. Press **MENU/SELECT** and then press **▲** or **▼** to highlight *>CALL LOG*.
2. Press **MENU/SELECT** to select.
3. Scroll to the desired entry by pressing **▲** or **▼**.
4. Press **MENU/SELECT** to dial the displayed number.

To access the last number on the redial list while on a call:

Press **REDIAL/PAUSE** to dial. Press **REDIAL/PAUSE** again within two seconds to cancel the chain dialing.

Multiple Handset Use

You can use up to two system handsets at a time on an outside call. If a handset is already on a call and you would like to join the call, press **TALK/FLASH** or **Ⓜ** on another handset to join the call.

To end the call, press **OFF/CLEAR** or place the handset in the telephone base or charger. The call will not be terminated until all handsets hang up.

You can buy additional expansion handsets for this telephone base from your local **RadioShack** store or at www.RadioShack.com. You can register up to 12 handsets to the telephone base.

The first nine handsets that you register are named *HANDSETS 1-9*. Use the handset number to intercom and transfer calls. Although the names for handsets *10-12* appear in their displays as *10-12*, when you intercom or transfer to one of them, you must use ***0** for *HANDSET 10*, ***1** for *HANDSET 11*, and ***2** for *HANDSET 12*.

Intercom

You can have a conversation between two system handsets, so you can call someone in another room of your home.

1. Press **INT** on your handset when not in use.
 - If you have a two-handset system, your handset screen shows *CALLING OTHER HANDSET*.

*CALLING
OTHER HANDSET*

INT

- If you have more than two handsets, your screen shows *INTERCOM TO:*. Use the dialing keys to select the other handset. Your screen shows *CALLING HANDSET X*.

The other handset rings and its screen shows either *OTHER HANDSET IS CALLING* or *HANDSET X IS CALLING*.

*OTHER HANDSET
IS CALLING*


2. To answer the intercom call, press **TALK/FLASH**, , **INT**, or any dialing keys (**0-9**, **#**, *****) on the other handset. Both handsets now show *INTERCOM*.
3. To end an intercom call, press **INT**, **OFF/CLEAR**, or place the handset back in the telephone base or charger.

 **Note:** If the other handset does not answer the intercom call within 100 seconds, is in use, or is out of range, your originating handset screen shows *UNABLE TO CALL TRY AGAIN* and returns to idle mode.

To answer an incoming call during an intercom call:

If you receive an incoming outside call during an intercom call, there is an alert tone.

- To answer the call, press **TALK/FLASH**. The intercom call ends automatically.
- To end the intercom call without answering the incoming call, press **OFF/CLEAR**.

Share an Outside Call

You can call another system handset to join an outside call. That call continues even if you hang up.

1. During a call, press **INT**. The other handset rings. The outside call is put on hold.
 - If you have a two-handset system, your handset screen shows *CALLING OTHER HANDSET*. The other handset rings and its screen shows *OTHER HANDSET IS CALLING*.
 - If you have more than two handsets, your screen shows *TRANSFER TO:*. Use the dialing keys to select the other handset. Your screen then shows *CALLING HANDSET X*. The other handset rings and its screen shows *HANDSET X IS CALLING*.

TRANSFER TO:



*CALLING
HANDSET X*



*HANDSET X
IS CALLING*



- To answer the call on the other handset, press **TALK/FLASH**, **INT**, or any dialing keys (**0-9**, **#**, *****). The outside call is still on hold and both handsets now show *INTERCOM*. You can now have a private conversation between the system handsets.

**Notes:**

- If you want to cancel an intercom call and reconnect to the outside call before the other handset answers, press **TALK/FLASH**, or **INT** on your originating handset.
 - If the other handset does not answer the intercom call within 100 seconds, is in use, or is out of range, your originating handset screen shows *UNABLE TO CALL TRY AGAIN* and reconnects to the outside call automatically.
- From this intercom call, you have the following options:
 - You can let the other handset join you on the outside call in a three-way conversation. Press and hold **INT** on your originating handset.
 - You can transfer the call. Press **OFF/CLEAR**, or place your handset back in the telephone base or charger. Your screen shows *CALL TRANSFERED*. The other handset is automatically connected to the outside call.
 - You can alternate between the outside call (*OUTSIDE CALL* appears on the screen) and the intercom call (*INTERCOM* appears on the screen). Press **INT** repeatedly on your originating handset.
 - The other person can leave the intercom call by pressing **OFF/CLEAR**, or placing the other handset back in the telephone base or charger. The outside call continues with the original system handset.

Directory

The directory can store up to 50 entries with up to 30 digits for each phone number and 15 characters for each name.

- When there are no records in the directory, the screen shows *DIRECTORY EMPTY*.
- When the directory is full and you try to save an entry, the screen shows *LIST FULL*.
- If you try to save a number already stored in the directory, the screen shows *ALREADY SAVED*.
- If the telephone number in the directory exceeds 15 digits, <* appears in front of the telephone number. Press * to move towards the end of the telephone number or press # to move towards the beginning of the telephone number.
- Only one handset can review the directory at a time. If a handset tries to enter the directory while another handset is already in it, *NOT AVAILABLE AT THIS TIME* appears.



DIRECTORY EMPTY



LIST FULL



ALREADY SAVED



ELIZABETH JONES
< 180012345678



ELIZABETH JONES
123456789012 #>

 **Note:** *Directory entries are shared by all system handsets. Any additions, deletions, or edits made on one handset affect the directory on all handsets.*

Store a Directory Entry

Use the following steps to store an entry in the directory.

1. Press **MENU/SELECT** when the handset is not in use.
2. Press **▲** or **▼** to select *>DIRECTORY* and then press **MENU/SELECT**.
3. Press **▲** or **▼** to select *>STORE*, then press **MENU/SELECT**. The screen shows *ENTER NUMBER*.
4. Use the dialing keys to enter the number.
 - Press **MUTE/REMOVE** to backspace and erase a digit.
 - Press and hold **MUTE/REMOVE** to erase the entire entry.
 - Press **▼** to move the cursor to the left or **▲** to the right.
 - Press and hold **REDIAL/PAUSE** to insert a dialing pause (*p* appears).

- OR -

- Copy a number from the redial list by pressing **REDIAL/PAUSE** and then **▲**, **▼**, or **REDIAL/PAUSE** to select a number. Press **MENU/SELECT** to copy the number.
5. Press **MENU/SELECT** to move to the name. The screen shows ENTER NAME.
 6. Use the dialing keys (see “**Character Chart**” below) to enter the name using the method explained in the first four bullets in step 4 above. Press # to insert a space.
 7. Press **MENU/SELECT** to confirm.

Character Chart

Use the dial pad and the chart below to enter a name (up to 15 characters). Each press of a particular key causes the characters to be displayed in the following order:

Number key	Characters by number of key presses								
	1	2	3	4	5	6	7	8	9
1	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								
*	*	?	!	/	()	@		
#	space								



Note: When entering a name in the directory, the first letter of each word is automatically capitalized.

Search the Directory

Entries are sorted alphabetically. To search the directory:

1. Press ▲ when the handset is not in use.

-OR-

Press **MENU/SELECT** when the handset is not in use. Press ▲ or ▼ to select >*DIRECTORY* and then press **MENU/SELECT** twice.

2. Press ▲ or ▼ to browse.



>REVIEW
STORE



RadioShack
800-843-7422

Alphabetical Search

To start an alphabetical search:

1. Press ▲ when the handset is not in use.

-OR-

Press **MENU/SELECT** when the handset is not in use. Press ▲ or ▼ to select >*DIRECTORY* and then press **MENU/SELECT** twice.

2. Use the dialing keys to enter the letters associated with the name. For example, if you have name entries Jenny, Kristen and Linda in your directory, press **5 (JKL)** once to find Jenny, twice to find Kristen, or three times to find Linda. If there is no name entry matching your search, the next closest match in alphabetical order appears. If necessary, use ▲ or ▼ to browse.

Dial a Directory Entry

1. Press ▲ when the handset is not in use.

-OR-

Press **MENU/SELECT** when the handset is not in use. Press ▲ or ▼ to select >*DIRECTORY* and then press **MENU/SELECT** twice.

2. Press or ▲ or ▼, or use the alphabetical search to browse.
3. Press **TALK/FLASH** or

Edit a Directory Entry

Use the following steps to edit an entry in the directory.

1. Press ▲ when the handset is not in use.

-OR-

Press **MENU/SELECT** when the handset is not in use. Press ▲ or ▼ to select >*DIRECTORY* and then press **MENU/SELECT** twice.

2. Press or ▲ or ▼, or use the alphabetical search to browse (see “**Alphabetical Search**” on page 25).
3. Press **MENU/SELECT** to select an entry. The screen shows *EDIT NUMBER*.
4. Use the dialing keys to edit the number.
 - Press **MUTE/REMOVE** to backspace and erase a digit.
 - Press and hold **MUTE/REMOVE** to erase the entire entry.
 - Press ▼ to move the cursor to the left or ▲ to the right.
 - Press and hold **REDIAL/PAUSE** to insert a dialing pause (p appears).
 - Copy a number from the redial list by pressing **REDIAL/PAUSE** and then ▲, ▼, or **REDIAL/PAUSE** to select a number. Press **MENU/SELECT** to copy the number.
5. Press **MENU/SELECT** to move to the name. The screen shows *EDIT NAME*.
6. Use the dialing keys (see “**Character Chart**” on page 24) to edit the name using the method explained in the first three bullets in step 4 above. Press # to insert a space.
7. Press **MENU/SELECT** to save.

Delete from the Directory

1. Press ▲ when the handset is not in use.

-OR-

Press **MENU/SELECT** when the handset is not in use. Press ▲ or ▼ to select >*DIRECTORY* and then press **MENU/SELECT** twice.

2. Press or ▲ or ▼, or use the alphabetical search to browse.
3. Press **MUTE/REMOVE** to remove the selected entry.

Call Log

About Caller ID

You can use this telephone with regular caller ID service or combined caller ID with call waiting. You can use the telephone's other features without subscribing to caller ID services. There might be fees for caller ID services and these services might not be available in all areas.

Depending on your service, you might see the caller's number or the caller's name and number. The time and date are sent by the telephone company along with the call information.

This product can provide caller ID information only if both you and the caller are in areas offering caller ID service and if both telephone companies use compatible equipment.

Caller ID with call waiting lets you see the name and telephone number of the caller before answering the telephone, even while on another call.

It might be necessary to change your telephone service to use caller ID with call waiting features.

Contact your telephone company if:

- You have both caller ID and call waiting, but as separate services (you might need combined service).
- You have only caller ID service, or only call waiting service.
- You do not subscribe to any caller ID or call waiting services, but wish to order them.

About the Call Log

If you subscribe to caller ID service, information about each caller appears after the first or second ring. If you answer a call before the caller's information appears on the screen, it will not be saved in the call log.

- The call log stores up to 50 entries. Each entry has up to 24 digits for the phone number and 15 characters for the name. If the phone number has more than 15 but fewer than 24 digits, only the last 15 digits appear. If the name has more than 15 characters, only the first 15 characters are shown and saved in the call log.
- You can review, redial, and copy an entry into the directory.
- Entries appear in reverse chronological order.
- When the call log is full, the oldest entry is deleted to make room for new incoming call information.

- *XX MISSED CALL(S)* shows when there are new call log entries (including missed and unreviewed calls).
- *CALL LOG EMPTY* shows when there are no records in the call log.
- Only one handset can review the call log at a time. If a handset tries to enter the call log while another handset is already in it, *NOT AVAILABLE AT THIS TIME* appears.

**Notes:**

- The caller ID information might not be available for every incoming call. The callers might intentionally block their names and/or telephone numbers.
- For call log entries with numbers between 16 and 23 digits, in order to view the entire number, you must save the entry to the directory (see “**Save a Call Log Entry to the Directory**” on page 29).
- If the phone number has more than 24 digits, it is not saved or shown in the call log.

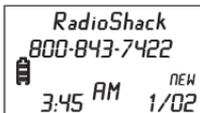
Missed Calls Indicator

When there are unreviewed calls in the call log, the handset shows *XX MISSED CALL(S)*.

Each time you review a call log entry marked *NEW*, the number of missed calls decreases by one.

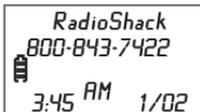
When you have reviewed all the missed calls, the missed calls indicator no longer shows.

If you do not want to review the missed calls one by one, press and hold **OFF/CLEAR** to erase the missed calls indicator. All the entries are then considered old and kept in the call log.



Review the Call Log

1. Press **CID** when the handset is not in use.
2. Press **▲** or **▼** to browse through the call log.
-OR-
 1. Press **MENU/SELECT** when the handset is not in use.
 2. Press **▲** or **▼** to select **>CALL LOG**, then press **MENU/SELECT**.
 3. Press **▲** or **▼** to select **>REVIEW**, then press **MENU/SELECT**.



- Press ▲ or ▼ to browse through the call log.
 - The name (if available), telephone number, date and time of all incoming calls are shown on the screen.
 - You hear a double beep when the list reaches the beginning or end of the call log.

Make a Call Log Entry Ready to Dial

Although the call log entries received have 10 digits (the area code plus the seven-digit number), in some areas, you might need to dial only the seven digits, or **1** plus the seven digits, or **1** plus the area code plus the seven digits. You can change the number of digits that you dial from the call log and store to the directory.

While reviewing the call log, press **#** repeatedly to show different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory.

```
800-843-7422
1-800-843-7422
843-7422
1-843-7422
```

Press **1** repeatedly if you need to add or remove 1 in front of the telephone number before dialing or saving it in the directory.

```
843-7422
1-843-7422
```

When the number is shown in the correct format for dialing, press **TALK/FLASH** or  to call the number.

```
800-843-7422
1-800-843-7422
```

Dial a Call Log Entry

- When in the call log, press ▲ or ▼ to browse.
- Press **TALK/FLASH** or  to dial the entry.

Save a Call Log Entry to the Directory

- When in the call log, press ▲ or ▼ to browse.
- Press **MENU/SELECT** to select an entry. The screen displays *EDIT NUMBER*.
- Use the dialing keys to edit the number.

```
EDIT NUMBER
843-7422_

```

- Press **MUTE/REMOVE** to backspace and erase a digit.
- Press and hold **MUTE/REMOVE** to erase the entire entry.
- Press ▼ to move the cursor to the left ▲ or to the right.
- Press and hold **REDIAL/PAUSE** to insert a dialing pause (*p* appears).
- Copy a number from the redial list by pressing **REDIAL/PAUSE** and then ▲, ▼, or **REDIAL/PAUSE** to select a number. Press **MENU/SELECT** to copy the number.

- Press **MENU/SELECT** to move to the name. The screen displays *EDIT NAME*.
 - Use the dialing keys (see “**Character Chart**” on page 24) to edit the name using the same method as explained in step 3 above. Press **#** to insert a space.
- Press **MENU/SELECT** to save.
 - If the entry is already saved in the directory, the handset shows *ALREADY SAVED*.
 - If there is no caller ID information, the handset shows *UNABLE TO SAVE*.

EDIT NAME
RadioShack


Delete from the Call Log

To delete one entry:

- When in the call log, press **▲** or **▼** to browse.
- Press **MUTE/REMOVE** to delete the selected entry.

To delete all entries:

- Press **MENU/SELECT** when the handset is not in use.
- Press **▲** or **▼** to select *>CALL LOG*, then press **MENU/SELECT**.
- Press **▲** or **▼** to select *>DEL ALL CALLS*, then press **MENU/SELECT**.
- The screen shows *DELETE ALL CALLS?* Press **MENU/SELECT** to confirm.

*DELETE ALL
CALLS?*

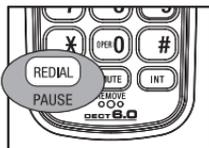

Call Log Display Screen Messages

Displays	When
<i>PRIVATE NAME</i>	The caller is blocking the name.
<i>PRIVATE NUMBER</i>	The caller is blocking the telephone number.
<i>PRIVATE CALLER</i>	The caller is blocking the name and number.
<i>UNKNOWN NAME</i>	This caller's name is unavailable.
<i>UNKNOWN NUMBER</i>	This caller's number is unavailable.
<i>UNKNOWN CALLER</i>	No information is available about this caller.
<i>LONG DISTANCE</i> or <i>L</i> (before the caller's number)	This is a long distance call.

Redial List

The telephone stores the five most recently dialed numbers.

- When there are already five entries, the oldest entry is deleted to make room for the new entry.
- Entries are shown in reverse chronological order.
- Press **REDIAL/PAUSE** to browse the redial list.



Dial a Redial Entry

1. Press **REDIAL/PAUSE**, then ▲, ▼, or **REDIAL/PAUSE** to browse. You hear a double beep when it reaches the beginning or end of the redial list.
2. Press **TALK/FLASH** or  to dial the number.

Delete from Redial

1. Press **REDIAL/PAUSE**, then ▲, ▼, or **REDIAL/PAUSE** to browse.
2. Press **MUTE/REMOVE** to delete the selected entry.

Answering System Operation

About the Answering System and Voicemail

Your telephone has separate indicators for two different types of voice messages: those left on its built-in answering system and those left at your service provider's voicemail (fees may apply). Your telephone's built-in answering system messages and voicemail messages are separate. Each alerts you to new messages differently. If **ANS ON** displays or the voicemail light on the base turns on, your telephone service provider is indicating that it has new voicemail for you. To listen to your voicemail, you typically dial an access number provided by your telephone company, followed by a security code or PIN. To listen to messages recorded on your digital answering system, press the PLAY/STOP button on the telephone base.

Some service providers bundle or combine multiple services like voicemail and call waiting, so you may not be aware that you have voicemail. To check what services you have and how to access them, contact your telephone service provider.

You can use your telephone answering system and voicemail together by setting your built-in answering system to answer before voicemail answers. To learn how to program your voicemail settings, contact your telephone service provider. Set your answering system to answer calls at least two rings earlier than your voicemail is set to answer. For example, if your voicemail answers after six rings, set your answering system to answer after four rings. Some voicemail providers may program the delay before answering calls in seconds instead of rings; in this case, allow six seconds per ring when determining the appropriate setting. By doing this, if you are on a call, or if the answering system is busy recording a message and you receive another call, the second caller can leave a voicemail message.

Message Capacity

The answering system can record and store up to 99 messages. Each message can be up to four minutes in length. The total storage capacity for the announcement, messages and memos is approximately 14 minutes. The actual recording time depends on individual message characteristics. Messages remain available for replay until you delete them.

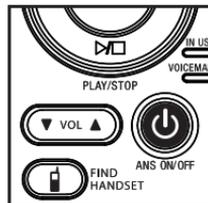
Turn the Answering System On or Off

The answering system must be turned on to answer and record messages.

When the answering system is turned on, the **ANS ON/OFF** light on the telephone base will be on and **ANS ON** will display on the handset.

To turn on or off with the telephone base:

- Press **ANS ON/OFF** to turn the answering system on or off. If the answering system is turned on, it announces, "Calls will be answered." If the answering system is turned off, it announces, "Calls will not be answered."



To turn on or off with a handset:

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select **>ANS. SYSTEM.**
3. Press **▲** or **▼** to select **>ANS SYS SETUP**, then press **MENU/SELECT.**
4. Press **MENU/SELECT** to select **>ANSWER ON/OFF.**
5. Press **▲** or **▼** to choose **ON** or **OFF**, then press **MENU/SELECT.**

Call Screening

You can listen at the telephone base to a caller leaving a message. If you want to turn off the call screening feature, set the telephone base volume to zero. Remember to raise the volume in order to hear your messages during playback.

Call Intercept

If you want to talk to the person whose message is being recorded, press **TALK/FLASH** on the handset.

New Message Indication

The message window on the telephone base flashes and **oo** shows on the handset when there are new answering system messages.

If the new message alert tone is turned on, the telephone base beeps every 10 seconds when there are unreviewed messages.

Message Playback

If you have new messages, the telephone plays only the new messages (oldest first). If there are no new messages, the telephone plays back all messages (oldest first).

When playback begins, you hear the total number of messages followed by the day and time of the message. After the last message, the telephone announces, "End of messages."

To play messages with the telephone base:

1. Press **▶/■/PLAY/STOP** to listen to messages.
Options during playback:
 - Press **▲VOL▼** to adjust the speaker volume.
 - Press **▶/SKIP** to skip to the next message.
 - Press **◀/REPEAT** to repeat the message currently playing. Press **◀/REPEAT** twice to listen to the previous message.
 - Press **X/DELETE** to delete the current message. The system advances to the next message.
 - Press **▶/■/PLAY/STOP** to stop.

To play messages with a handset:

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select **>ANS. SYSTEM.**
3. Press **MENU/SELECT** to select **>PLAY MSGS.**
Options during playback:
 - Press **▲VOL▼** to adjust the speaker volume.
 - Press **6** to skip to the next message.
 - Press **4** to repeat the message currently playing. Press **4** twice to listen to the previous message.
 - Press **3** to delete the current message. The system advances to the next message.
 - Press **5** to stop.



Notes:

- If the answering system has less than five minutes of recording time left, the remaining time is announced.
- If **F** and number of messages are flashing in the message window, the memory is full. Delete some messages to make room for more.
- You can only delete old messages, which are messages you have played.

Delete All Messages

To delete all messages with the telephone base:

1. Press **X/DELETE** when the phone is not in use. The telephone announces, *"To delete all old messages, press DELETE again."*
2. Press **X/DELETE** again. All previously heard messages are erased and the telephone announces, *"All old messages deleted."*

To delete all messages with a handset:

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select **>ANS. SYSTEM**.
3. Press **▲** or **▼** to select **>DEL ALL OLD**, then press **MENU/SELECT**.
4. The handset shows **DELETE ALL OLD MSGS?** Press **MENU/SELECT** to confirm your selection.

Record and Play Memos

Memos are your own recorded messages used as reminders for yourself or others using the same answering system. You can record your own memos using a system handset. Playback and delete them in the same way as incoming messages.

Recording a Memo

1. Press **MENU/SELECT** to show the menu.
2. Press **MENU/SELECT** to select **>ANS. SYSTEM**.
3. Press **▲** or **▼** to select **>RECORD MEMO**, then press **MENU/SELECT**.
4. The handset announces, "Record after the tone. Press 5 when you are done." After the tone, speak towards the microphone of the handset.
5. Press **5** when finished recording. The handset announces, "Recorded."



Notes:

- "Memory is full," is announced if you record a memo when the memory is full.
- Each memo can be up to four minutes in length.
- Memos shorter than one second are not recorded.

Message Window Displays

Window displays	Descriptions
0	No messages.
1-99	Total number of old messages recorded.
0-99 (flashing)	Total number of messages recorded. The telephone base might have lost and regained power. The clock needs to be set.
1-99 & F (alternating)	Memory is full with total number of messages recorded.

Window displays	Descriptions
1-99 (flashing)	Current message number during new message playback.
1-99	Current message number during old message playback.
1-8 T	Telephone base speaker volume level while adjusting.
--	Telephone is answering a call or being accessed remotely. The answering system is being programmed.
-- (flashing)	Telephone is being initialized.
0-6	Telephone base ringer level while adjusting.

 **Note:** If the memory is full, the answering system answers incoming calls after 10 rings and announces, "Memory is full. Enter the remote access code."

Remote Access

A two-digit security code is required to access the answering system remotely from any touch tone telephone. The preset code is 19; see **"Remote Code"** on page 15 to change it.

1. Dial your telephone number from any touch tone telephone.
2. When the system plays your announcement, enter the two-digit security code.
3. You can also enter one of the following remote commands.

Command	Function
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	Stop.
*5	Hear a list of remote commands.
6	Skip to the next message (during playback).
*7	Record a new announcement.

Command	Function
8	End the call.
0	Turn the answering system on or off.

4. Hang up or press **8** to end the call.



Notes:

- *If you do not press any keys after you enter the remote access code, all new messages play. If there are no new messages, all old messages play.*
- *Once the new messages have played, the telephone announces the help menu options. If you do not press any key within 20 seconds, the remote access call automatically disconnects.*
- *When the answering system is turned off, the telephone answers after 10 rings, and announces, "Please enter your remote access code."*

Additional Information

Handset Display Screen Messages

<i>ALREADY SAVED</i>	The telephone number entered is already stored in the directory.
<i>CALL LOG EMPTY</i>	There are no call log entries.
<i>CALLING HANDSET X</i>	Calling another handset.
<i>CONNECTING...</i>	The cordless handset is searching for the telephone base.
<i>CHARGING</i>	The handset with low battery is recharging.
<i>DIRECTORY EMPTY</i>	There are no directory entries.
<i>ENDED</i>	You have just ended a call.
<i>HANDSET X IS CALLING</i>	Another system handset is calling.
<i>INCOMING CALL</i>	There is an incoming call.
<i>INT REQUIRES TWO HANDSETS</i>	Two handsets are required for an intercom call.
<i>INTERCOM</i>	The handset is on an intercom call.
<i>INTERCOM ENDED</i>	You have just ended an intercom call.
<i>LINE IN USE</i>	A system handset or another telephone on the same line is in use.
<i>LIST FULL</i>	The directory is full.
<i>LOW BATTERY</i>	The battery needs to be recharged.
<i>MICROPHONE ON</i>	MUTE is turned off and the person on the other end can hear you.
<i>MUTED</i>	You have turned off the handset microphone. The other party cannot hear you but you can hear the other party.
<i>NEW VOICEMAIL</i>	There are new voicemail messages from your telephone company.

<i>NO LINE</i>	There is no telephone line connected.
<i>NO SIGNAL. CALL ENDED</i>	Communication between handset and telephone base is lost during a call.
<i>NOT AVAILABLE AT THIS TIME</i>	One handset is already viewing the call log or directory and another handset attempts to review it.
<i>OUTSIDE CALL</i>	Connected to the external call during call transfer.
<i>**PAGING**</i>	The cordless handset locator is activated.
<i>PHONE</i>	The handset is on a call.
<i>PLACE IN CHARGER</i>	The battery is very low. Place the handset in the telephone base or charger for recharging.
<i>RINGER MUTE</i>	The ringer is muted temporarily during an incoming call.
<i>SAVED</i>	Your selection has been saved.
<i>SPEAKER</i>	The handset speakerphone is in use.
<i>UNABLE TO CALL TRY AGAIN</i>	You have attempted to make an intercom call, but the handset you are calling is in the directory, in the call log, out of range or on an outside call.
<i>UNABLE TO SAVE</i>	You are attempting to save a caller ID entry with no name or number.
<i>XX MISSED CALLS</i>	There are unreviewed calls in your call log.

Handset and Telephone Base Indicators

Handset Lights

	On when the handset speakerphone is in use.
CHARGE	On when the handset is charging in the telephone base or charger.

Telephone Base Lights

IN USE	Flashes when there is an incoming call or another telephone sharing the same line is in use. On when the handset is in use.
VOICEMAIL	Flashes when you have new voicemail from your telephone company.
ANS ON/OFF	On when the answering system is on.

Handset Icons

ANS ON	Answering system is turned on.
MUTE	Microphone is muted.
	Handset ringer off.
	New answering system messages.
 MSG # 1/3	Message number currently playing and total number of messages recorded.
NEW	New call log entries.
<i>NEW VOICEMAIL</i> 	New voicemail received from the telephone company.
SPEAKER 	Speakerphone is in use.
 (Battery indicator)	Cycles (low, medium, and full) when the handset battery is charging. Flashes when the battery is low and needs charging. Solid when the battery is fully charged.

Battery

It takes up to 16 hours for the battery to be fully charged. When it is fully charged, you can expect the following performance:

Operation	Operating time
While in handset use (talking*)	Up to eight hours
While in speakerphone mode (talking*)	Up to five hours
While not in use (standby**)	Up to six days

* Operating times vary depending on your actual use and the age of the battery.

** Handset is not charging or in use.

The battery needs charging when:

- A new battery is installed in the handset.
- The handset beeps.
- A battery is properly installed and the screen is blank.
- **LOW BATTERY** or **PLACE IN CHARGER** shows on the handset screen.



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

- Use only the batteries provided or equivalent. To purchase a replacement, visit your local **RadioShack** store or www.RadioShack.com.
- Do not dispose of the batteries in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the batteries. Released electrolyte is corrosive and might cause burns or injury to the eyes or skin. The electrolyte might be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials.
- Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and metallic contacts.
- To prevent fire or shock hazard, do not expose this product to water or any type of moisture.

Expanding your Telephone System

The handsets provided with your telephone system are pre-registered. Each handset is assigned a number that shows on the handset display. Additional handsets registered to the telephone system are assigned in sequential order. For instance, if the telephone system already has *HANDSET 1* and *HANDSET 2*, the new registered handset is assigned *HANDSET 3*. This telephone system accommodates up to 12 handsets.

Add and Register a Handset (Optional)

You can add new handsets (purchased separately) to your telephone system, but each handset must be registered with the telephone base before use. When first purchased, each expansion handset shows *NOT REGISTERED*.

To make registration easier, read all of the instructions on this page before you begin. If the handset screen does not show *LOW BATTERY* or *HANDSET X*, you will need to charge the handset for at least five minutes before registering to the telephone base.

To register a handset:

1. Place the unregistered handset in the telephone base or charger. If *PRESS FIND HS 4 SEC ON BASE* does not appear on the handset screen after a few seconds, remove the handset and place it in the telephone base or charger again.
2. On the telephone base, press and hold **FIND HANDSET** for about four seconds (until the red **IN USE** light on the telephone base turns on) and then release the button. The handset shows *PLEASE WAIT...* and it takes about 10 seconds to complete the registration. The handset shows *HANDSET X REGISTERED* (X represents the handset number assigned) and you hear a beep when the registration completes.



Notes:

- If the registration fails, the handset shows *NOT REGISTERED*. To reset the handset, remove the handset from the telephone base and place it back in. Try the registration process again.
- You cannot register a handset if any other system handset is in use.

Replace a Handset

If you want to replace a handset or re-assign the designated handset number of a registered handset, you must de-register all the handsets and then individually register each handset.

To make de-registration easier, read all of the instructions on this page before you begin.

To de-register all handsets:

1. Press and hold **FIND HANDSET** on the telephone base for about 10 seconds (until the **IN USE** light on the telephone base turns on and starts to flash), then release **FIND HANDSET**.
2. Press and release **FIND HANDSET** again. You must press **FIND HANDSET** while the **IN USE** light is still flashing. The **IN USE** light flashes for approximately seven seconds.
3. All system handsets show *CONNECTING...* The de-registration process takes about 10 seconds to complete. All handsets show *NOT REGISTERED* when the de-registration completes.

If de-registration fails, you might need to reset the telephone and try again.

To reset:

1. Pick up the registered handset and then press **TALK/FLASH**.
 2. Press **OFF/CLEAR** and place the handset back in the telephone base.
- OR-

1. Unplug the power from the telephone base, then plug it back in.



Note: You cannot de-register a handset while any system handset is in use.

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For Customer Service, visit your local **RadioShack** store or www.RadioShack.com.

My telephone does not work at all.

- Make sure the battery is installed and charged correctly (see page 6). For optimum daily performance, return the handset to the telephone base or charger after each 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.
- Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the cordless handset and telephone base to synchronize.
- Charge the battery in the handset for up to 16 hours.
- If the battery is completely depleted, it can take up to 10 minutes to charge the handset before **PLACE IN CHARGER** or **LOW BATTERY** appears on the screen (page 6).
- Remove and re-insert the battery. If that still does not work, it might be necessary to purchase a new battery.
- Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or the local service. Call the local telephone company.

Low Battery shows on screen.

- Place the handset in the telephone base or charger for recharging.
- Remove and re-install the battery and use it until fully depleted, then recharge the handset in the telephone base or charger for up to 16 hours.
- If the above measures do not correct the problem, replace the battery.

The battery does not charge in the handset or the handset battery does not accept charge.

- Make sure the handset is placed in the telephone base or charger correctly. The **CHARGE** light on the handset should be on.
- Remove and reinstall the battery, then charge for up to 16 hours.

- If the handset is in the telephone base or charger but the **CHARGE** light on the handset is not on, refer to The charge light is off in this section.
- If the battery is completely depleted, it can take up to 10 minutes to charge the handset before *PLACE IN CHARGER* or *LOW BATTERY* appears on the screen (page 6).
- Purchase a new battery from your local **RadioShack** store or www.RadioShack.com.

The CHARGE light is off.

- Clean the charging contacts on the handset and telephone base each month with a pencil eraser or a dry non-abrasive fabric.
- Make sure the power adapter and telephone line cord 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 handset and telephone base to reset.

There is no dial tone.

First, try the suggestions listed under previous suggestions.

- Move the handset closer to the telephone base. It might be out of range.
- The telephone line cord might be malfunctioning. Install a new telephone line cord.
- Disconnect the telephone base from the telephone wall jack and connect a different telephone. If there is no dial tone on this telephone either, the problem is in your wiring or local service. Contact your local telephone company.

The telephone does not ring when there is an incoming call.

- Make sure the handset ringer volume is not set to the lowest level and the telephone base ringer volume is not set to zero (page 12).
- Make sure the telephone line cord and power adapter are plugged in properly (page 5).
- The handset might be too far from the telephone base. Move it closer to the telephone base.
- There might be too many extension phones on the telephone line to allow all of them to ring simultaneously. Unplug 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 might apply).
- Other electronic products can cause interference to your cordless telephone. Install your telephone as far away as possible from electronic

devices such as: wireless routers, radios, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.

- Test a working telephone at the telephone wall jack. If another telephone has the same problem, the problem is in the telephone wall jack. Contact your local telephone company (charges might apply).
- The telephone line cord might be malfunctioning. Install a new telephone line cord.
- Re-install the battery and place the handset in the telephone base or charger.
- Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

I cannot dial out.

- First, try all the above suggestions.
- Make sure there is a dial tone before dialing. It is normal if the 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 might apply).
- Eliminate any background noise. Mute the cordless handset before dialing, or dial from another room in your home with less background noise.

My handset beeps and is not performing normally.

- Make sure the power cord is securely plugged into the telephone base. Plug the telephone base into a different working electrical outlet not controlled by a wall switch.
- Move the handset closer to the telephone base. It might be out of range.
- Reset the telephone base by unplugging the electrical power to the base. Wait for 15 seconds and plug it back in again. Allow up to one minute for the cordless handset and the telephone base to synchronize.
- Other electronic products can cause interference to your cordless telephone. Install your telephone as far away from these electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.

**There is interference during a telephone conversation.
My calls fade out when I am using the cordless handset.**

- The handset might be out of range. Move it closer to the telephone base.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
- Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet.
- Other electronic products can cause interference to your cordless telephone. Install your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones.
- 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 doesn't solve the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector.
- The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance.
- Disconnect the telephone base from the telephone wall 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 might apply).
- 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 might apply).

I hear other calls when using the telephone.

- Disconnect the telephone base from the telephone wall 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.

I hear noise on the cordless handset and the keys do not work.

- Make sure the telephone line cord is plugged in securely.

My caller ID features are not working properly.

- 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 might not be calling from an area which supports caller ID.
- Both you and the caller's telephone companies must use equipment compatible with the caller ID service.
- The caller ID information shows after the first or second ring.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Contact your DSL service provider for more information about DSL filters.

The telephone does not receive caller ID or the telephone does not show caller ID during call waiting.

- Make sure you subscribe to caller ID with call waiting features provided by the local telephone company.
- The caller might not be calling from an area which supports caller ID.
- Both you and the caller's telephone companies must use equipment compatible with caller ID service.
- If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Caller ID entries do not match the numbers I need to dial.

- Caller ID service delivers 10 digits (the area code plus the seven-digits number). If you need to dial something other 10 digits, see page 29 for instructions on changing the number.
- If you dial seven digits for local calls you might want to use the Home area code feature (page 14).

CONNECTING... shows in the handset screen.

- The handset might be out of range. Move it closer to the telephone base.
- Make sure the power cord is securely plugged into the telephone base. Use a working electrical outlet not controlled by a wall switch.
- Reset your telephone by unplugging the power adapter from the telephone base. Disconnect the battery from the cordless handset. Wait

for 15 seconds, then plug in the power adapter and re-install the battery. Place the handset in the telephone base and allow up to one minute for the handset and telephone base to synchronize.

- Other electronic products might prevent your handset and telephone base from communicating with each other. Install your telephone base as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.

The answering system does not answer after the correct number of rings.

- Make sure the answering system is on. When the answering system is on, the ANS ON/OFF light on the telephone base should be lit and ANS ON should show on the handset.
- If toll saver is selected, the number of rings changes to two when there are new messages waiting (page 15).
- If the memory is full or if the answering system is off, the answering system answers after 10 rings.
- In some cases, the answering system is affected by the ringing system used by the local telephone company.

The outgoing announcement is not clear.

- When recording the announcement, make sure you speak in a normal tone of voice towards the microphone of the handset.
- Make sure there is no background noise when recording.

The messages on the answering system are very difficult to hear.

- Press **VOL ▲** on the telephone base or handset to increase the speaker volume.

The answering system does not record messages.

- Make sure the answering system is on.
- When the answering machine memory is full, it does not record new messages until some old messages are deleted.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 57). To determine how many rings will activate your voicemail, please contact your local telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

The messages on the answering system are incomplete.

- If a caller leaves a very long message, part of it might be lost when the answering system disconnects the call after four minutes.
- If the memory on the answering system becomes full during a message, the answering system stops recording and disconnects the call.
- If the caller's voice is very soft, the answering system might stop recording and disconnect the call.

The answering system does not respond to remote commands.

- Make sure your remote code is correct (page 15).
- Make sure you are calling from a touch-tone telephone. When dialing a number, there should be tones. If there are clicks, then it is not a touch-tone telephone and cannot activate the answering system.
- The answering system might not detect the remote access code when your announcement is playing. Wait until the announcement is over before entering the code.
- There might be interference on the telephone line you are using. Press the dial pad keys firmly when dialing.

An  shows on the display or the VOICEMAIL light is flashing and I don't know why.

- Your telephone has voicemail indication that is separate from the built-in answering system. If  appears on the display or the VOICEMAIL light flashes, then your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from your telephone service provider. Contact your telephone service provider for more information on how to access your voicemail.

I cannot retrieve voicemail messages.

- Your telephone has both a built-in answering system and voicemail indication. They are independent features and each alerts you to new messages differently (page 57). If you subscribe to voicemail service from your telephone service provider (charges may apply), contact your telephone service provider for more information on how to access your voicemail.

The answering system does not answer after the correct number of rings.

- Make sure the answering system is on. When the answering system is on, ANS ON should show on the handset and telephone base.

- If toll saver is selected, the number of rings changes to two when there are new messages waiting (page 30).
- If the memory is full or if the answering system is off, the answering system answers after 10 rings.
- In some cases, the answering system is affected by the ringing system used by the local telephone company.
- If you subscribe to voicemail service, change the number of rings so that your answering system answers before your voicemail answers (page 57). To determine how many rings will activate your voicemail, please contact your local telephone service provider.
- If there is a fax machine connected to the same telephone line, try disconnecting the fax machine. If that solves the problem, consult your fax machine documentation for information on compatibility with answering systems.

Common cures for electronic equipment.

If the telephone is not responding normally, put the cordless handset in the telephone base. If it does not respond, try the following (in the order listed):

- Disconnect the power to the telephone base.
- Disconnect the battery on the cordless handset.
- Wait a few minutes before connecting power to the telephone base.
- Re-install the battery and place the cordless handset in the telephone base or charger.
- Wait for the cordless handset to synchronize with the telephone base. Allow up to one minute for this to take place.

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.
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 the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. 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 telephone 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.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
 - When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled onto the product.
 - If the product has been exposed to rain or water.

- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. 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.
 - If the product has been dropped and the telephone base and/or handset has been damaged.
 - 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 mode.
 16. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

SAVE THESE INSTRUCTIONS

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 displays *CONNECTING...*
- 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 electrical 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.

 **Caution:** Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, **DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL.** Then remove the telephone 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 often reduces or eliminates the interference.

- **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 the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

Recycle Rechargeable Batteries



Placing rechargeable batteries in the trash can be harmful to the environment. Instead, recycle old rechargeable batteries at your local **RadioShack** store free of charge. **RadioShack** participates in the RBRC® battery recycling program, and is committed to preserving the environment and conserving natural resources.

Call 1-800-THE-SHACK (1-800-843-7422) for more information.

Specifications

Frequency control Crystal controlled PLL synthesizer

Transmit frequency

Handset: 1921.536-1928.448 MHz

Telephone base: 1921.536-1928.448 MHz

Channels 5

Size

Handset: 6.35 X 1.87 X 1.24 in (161.50 X 47.50 X 31.50 mm)

Telephone base: 5.38 X 4.70 X 3.28 in (137.00 X 119.50 X 83.50 mm)

Charger: 3.70 X 3.20 X 1.91 in (94.00 X 81.28 X 48.50 mm)

Weight

Handset: 4.54oz (128.60g) (including battery)

Telephone base: 7.17oz (203.20g)

Charger: 2.43oz (69.00g)

Power requirements

..... Handset: 2.4V 500mAh Ni-MH battery

Telephone base: 6V DC @ 400mA

Charger: 6V AC @ 300mA

Memory

Handset directory:50 memory locations
up to 30 digits and 15 characters

Handset call log:50 memory locations
up to 24 digits and 15 characters

FCC Information

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 your local **RadioShack** store or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by **RadioShack** may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

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.

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.

Limited Warranty

RadioShack warrants this product against defects in materials and workmanship under normal use by the original purchaser for **one (1) year** after the date of purchase from a **RadioShack**-owned store or an authorized **RadioShack** franchisee or dealer. **RADIOSHACK MAKES NO OTHER EXPRESS WARRANTIES.**

This warranty does not cover: (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, Acts of God (such as floods or lightning), or excess voltage or current; (b) improper or incorrectly performed repairs by persons who are not a **RadioShack** Authorized Service Facility; (c) consumables such as fuses or batteries; (d) ordinary wear and tear or cosmetic damage; (e) transportation, shipping or insurance costs; (f) costs of product removal, installation, set-up service, adjustment or reinstallation; and (g) claims by persons other than the original purchaser.

Should a problem occur that is covered by this warranty, take the product and the **RadioShack** sales receipt as proof of purchase date to

any **RadioShack** store in the U.S. **RadioShack** will, at its option, unless otherwise provided by law: (a) repair the product without charge for parts and labor; (b) replace the product with the same or a comparable product; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of **RadioShack**. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

RADIOSHACK EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND, IF APPLICABLE, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, SHALL EXPIRE ON THE EXPIRATION OF THE STATED WARRANTY PERIOD.

EXCEPT AS DESCRIBED ABOVE, **RADIOSHACK** SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OF THE PRODUCT OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE AND ANY LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT AND ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF **RADIOSHACK** HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some States do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. You may contact **RadioShack** at:

RadioShack Customer Relations
300 RadioShack Circle, Fort Worth, TX 76102

04/08



Protect the environment by recycling your used electronics.
Go to E-CyclingCentral.com to find an electronic recycling center near you.