

EXHIBIT A

(FCC Ref. 2.1033(b)(3))

"Installation and Operating Instructions
Furnished to the User"

Please read before using this equipment.

TAD-727

900 MHz Digital Spread Spectrum Cordless Telephone with Digital Answering System



RadioShack®

FEATURES

Your RadioShack TAD-727 900 MHz Digital Spread Spectrum Cordless Telephone uses advanced cordless telephone technology to give you superior audio quality and extended range.

The TAD (Telephone Answering Device) stores all messages on a microchip. This gives you advanced capabilities over tape-based answering machines. For example, you can delete individual messages and save the rest. Because your TAD is fully digital, there are no tapes to bother with, no tape mechanisms to wear out, and no lost messages if power fails.

The remote operation feature lets you access your TAD from a touch-tone phone, and guides you through system operation with voice prompts.

Telephone Features

900 MHz Operation — provides longer range and less interference than many other cordless phones.

Spread Spectrum Technology — spreads the signal across several frequencies, providing additional security for your phone conversations.

10-Number Memory Dialing — lets you store up to 10 numbers in memory for easy dialing.

Volume Control — lets you adjust the volume you hear through the handset in four steps.

Adjustable Ringer Volume — lets you choose high or low volume for the handset ringer.

Two-Way Intercom/Paging System — lets you send a signal from the base to the handset, or from the handset to the base, so you can page someone or easily locate the handset when it is away from the base. If someone answers, you can use the TAD-727 as a two-way intercom.

Facedown or Faceup Handset Charging — you can place the handset on the base facedown or face up.

Wall Mountable — you can mount the TAD-727 on the wall to save space on your desk top.

Ample Talk and Standby Time — the supplied battery (when fully charged) provides about 4 hours of talk time or 7 days of standby time.

20 Channels — automatically selects a clear channel when you make or answer a call, even while talking.

Security Access-Protection Code — automatically prevents other cordless phone users from using your phone line while the handset is off the base.

Redial — lets you quickly redial the last number dialed.

Flash — sends an electronic switch-hook signal for use with special phone services, such as Call Waiting.

Tone/Pulse Dialing — lets you use either type of service, and you can easily switch from pulse to tone dialing for long-distance, bank-by-phone, or other special services.

Any Key Answer — lets you press any key on the handset to answer an incoming call.

Hearing-Aid Compatibility — lets you use your phone with hearing aids that have a T (telephone) switch.

Out of Range Signal — the handset sounds a triple beep tone periodically to let you know when you move out of the base's operating range.

Headset Jack — lets you connect an optional headset for hands-free convenience.

TAD Features

Date/Time Stamp — records the day and time each message was recorded.

Digitally-Synthesized Voice — guides you through operation of the system.

Volume Control — lets you adjust the volume of incoming message playback.

Prerecorded Messages — gives you the option of using existing outgoing messages or recording your own.

Answer Only — lets you play an announcement for callers to hear, without recording their messages.

LED Digital Message Counter — shows the operating status of the TAD.

Remote Operation — lets you use a touch-tone phone (or rotary phone and pocket tone dialer) to operate the TAD while you are away from your home or office.

Programmable PIN — you can set a two-digit personal identification number (PIN) for secure remote operation.

Remote Answer-On — lets you call the TAD from a remote location even when it is not set to answer calls.

Call Screening — lets you listen as a caller leaves a message so you can decide whether or not to answer the call.

Memo Recording — lets you leave messages for yourself or others in your home or office.

Two-Way Conversation Recording — lets you record the conversation when you are talking on the TAD-727.

Adjustable Ring Number — lets you set the TAD to answer after two or five rings.

Toll-Saver — lets you avoid unnecessary long-distance charges when you call by long distance to check your messages.

Phone Pick-Up Detection — stops recording when you pick up any phone on the same line as the TAD, and resets to answer the next call.

This TAD has been tested and found to comply with all applicable UL and FCC standards.

We recommend you record your phone's serial number here. The number is on the bottom of the case.

Serial Number _____

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Warning: To prevent fire or shock hazard, do not expose this product to rain or moisture.



CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK.
NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

Important:

- Cordless phones such as this one require AC power to operate. When the AC power is off, you can not dial out or receive incoming calls using your TAD-727. To be safe, you should also have a phone that does not need AC power to operate (not a cordless phone) so you can still make and receive calls if there is an AC power failure.
- When AC power is lost, the TAD-727 loses the security access-protection code connection between the base and the handset. When power is restored, put the handset on the base briefly to restore this connection so you can use the handset.

READ THIS BEFORE INSTALLATION

We have designed your phone to conform to federal regulations and you can connect it to most phone lines. However, each device that you connect to the telephone line draws power from the line. We refer to this power draw as the phone's ringer equivalence number, or REN. The REN is on the bottom of your phone.

If you use more than one phone or other device on the line, add up all the RENs. If the total is more than five, your phones might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove one of the devices from the line.

FCC STATEMENT

Your telephone complies with Part 68 of FCC Rules. You must, upon request, provide the FCC registration number and the REN to your phone company. These numbers are on the bottom of the base.

You must not connect your phone to any of the following:

- coin-operated systems
- party-line systems
- most electronic key phone systems

This equipment complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the radio or TV.
- Use outlets on different electrical circuits for the equipment and the radio or TV.

Consult your local RadioShack store if the problem still exists.

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 to persons, 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 cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is 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 to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push objects of any kind into this product through cabinet slots 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.
11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into 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 operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

E. If the product has been dropped or the cabinet has been damaged.

F. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be 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.

INSTALLATION:

1. Never install telephone wiring during a lightning storm.

2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

4. Use caution when installing or modifying telephone lines.

CAUTION:

TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS, READ AND FOLLOW THESE INSTRUCTIONS.

1. Use only the required size and type battery.

2. Do not dispose of the battery in a fire.

The cell may explode. Check with local codes for possible special disposal instructions.

3. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

5. Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

6. Observe proper polarity orientations between the battery and battery charger.

7. Use only the required size and type AC adapter.

SAVE THESE INSTRUCTIONS

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INSTALLATIONS

MOUNTING THE PHONE

You can place the TAD-727's base on a desk or table, mount it on a standard wall plate, or mount it directly on a wall. Choose a location that is:

- near an AC outlet
- near a telephone line jack
- out of the way of normal activities
- away from electrical machinery, electrical appliances, metal walls or filing cabinets, wireless intercoms, alarms, and room monitors
- away from other cordless phones

The base's location affects the handset's range. If you have a choice of several locations, try each to see which provides the best performance.

Caution: The supplied RadioShack adapter was designed specifically for your TAD-727. Use only the supplied adapter.

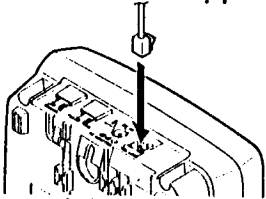
Notes:

- Your telephone connects directly to a modular phone line jack. If your phone line jack is not a modular jack, you can update the wiring yourself, using jacks and adapters available from your local Radio Shack store. Or, you can let the telephone company update the wiring for you.
- The USOC number of the jack to be installed is RJ11C, or RJ11W for a wall plate jack.

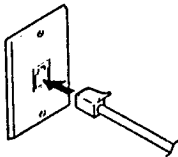
On a Desk

Follow these steps when you place the base on a desk or table.

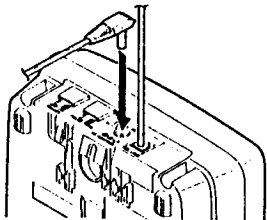
1. Plug one end of the supplied long modular cord into the TEL LINE jack on the back of the base.



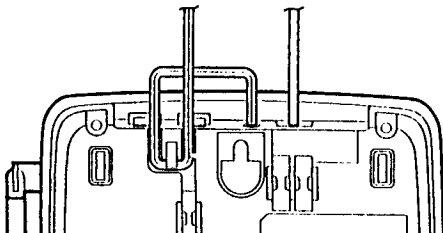
2. Plug the modular cord's other end into a modular phone line jack.



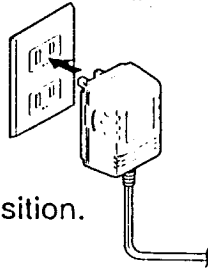
3. Insert the supplied AC adapter's barrel plug into the DC 9V AC ADAPTER jack on the back of the base.



4. Route the adapter's cord through the strain relief slot on the base.



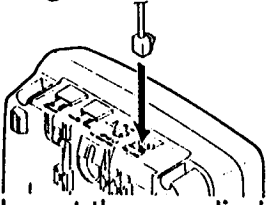
5. Plug the adapter into a standard AC outlet. PF (power failure) flashes on the digital display.



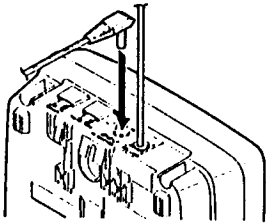
6. Lift the base's antenna to a vertical position.

On a Wall Plate

1. Plug one end of the supplied short modular cord into the TEL LINE jack on the back of the base.



2. Insert the supplied AC adapter's barrel plug into the DC 9V AC ADAPTER jack on the back of the base.



3. Route the adapter's cord through the strain relief slot and the narrow groove on the bottom of the base.

illust.-8 shows routing adapter's cord

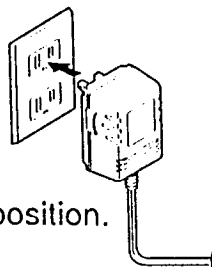
4. Insert the bracket's tabs into the base's tab slots as shown, then press down on the bracket's clip and insert them into the clip slots.

illust.-9 shows how to attach bracket

5. Plug the modular cord into the wall plate jack, then align the bracket's keyhole slots with the wall plate studs and slide the base downward to secure it.

illust.-10 shows how to attach base to wall plate

6. Plug the adapter into a standard AC outlet. PF flashes on the digital display.

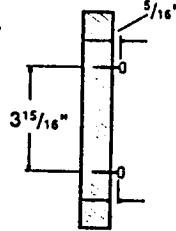


7. Lift the base's antenna to a vertical position.

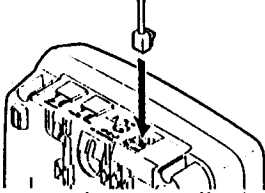
Directly on the Wall

For this mounting method, you need two screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

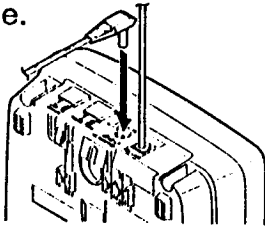
1. Drill two holes $3 \frac{15}{16}$ inches (100 mm) apart. Then thread a screw into each hole, letting the heads extend about $\frac{5}{16}$ inch (8 mm) from the wall.



2. Plug one end of the supplied long modular cord into the TEL LINE jack on the back of the base.



3. Insert the supplied AC adapter's barrel plug into the DC 9V AC ADAPTER jack on the back of the base.



4. Route the modular and adapter cords through the grooves on the bottom of the base.

illust.-15 shows routing modular and adapter cords

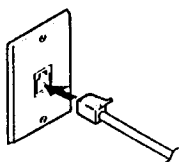
5. Insert the bracket's tabs into the base's tab slots as shown, then press down on the bracket's clip and insert them into the clip slots.

illust.-16 shows how to attach bracket to base

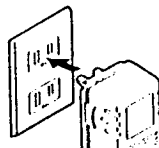
6. Align the keyhole slots with the mounting screws, and slide the base downward to secure it.

illust.-17 shows attaching the base to wall

7. Plug the modular cord into a modular phone line jack.



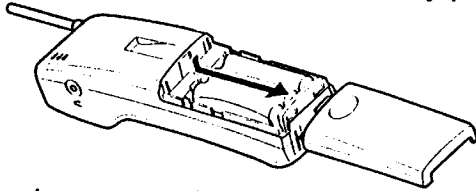
8. Plug the adapter into a standard AC outlet. PF flashes on the digital display.



PREPARATION
CONNECTING AND CHARGING THE BATTERY PACK

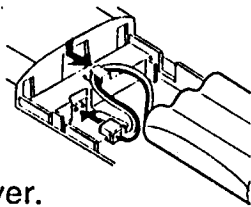
The TAD-727 comes with a rechargeable nickel-cadmium battery pack in the handset but not connected. Before using your phone, you must connect the battery pack, then charge it for about 12 hours.

1. Press down and slide off the battery pack compartment cover as shown.



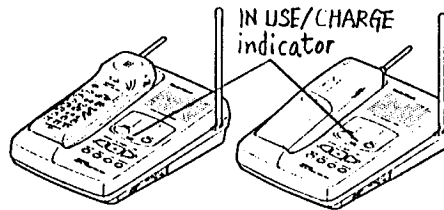
2. Lift the battery pack out of the compartment.

3. Plug the battery pack's connector into the socket in the compartment (the connector fits only one way), and route the battery pack's leads through the strain relief slot, then replace the battery pack.

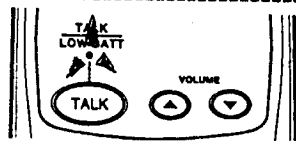


4. Replace the cover.

To charge the battery pack, place the handset either faceup or facedown on the base. The IN USE/C HARGE indicator on the base lights.



Recharge the battery pack when the TALK/LOW BATT indicator on the handset flashes.



Important: Be sure the battery pack is properly connected before you try to charge it. The IN USE/C HARGE indicator lights when the handset is on the base, even if the battery pack is not connected.

Notes:

- When you first use the phone after charging or recharging the battery pack, the phone might not work and you might hear three beeps when you press TALK. If this happens, return the handset to the base for about 2 seconds. This resets the security access-protection code.
- If the battery pack is completely discharged, the handset might lose its security access-protection code. To reset the code, return the handset to the base for about 2 seconds.
- Using a pencil eraser, clean the charging contacts on the handset and the base about once a month.

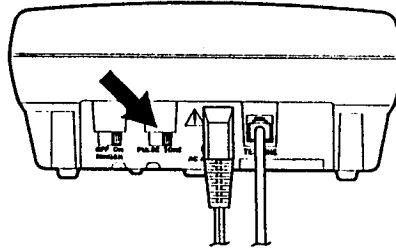
illust.-24 shows how to clean charging contacts

- If the battery pack becomes weak during a call, the handset beeps every 16 seconds and the TALK/LOW BATT indicator flashes. When this happens, you cannot make another call on the phone until you recharge the battery pack.
- About once a month, fully discharge the battery pack by keeping the handset off the base until the TALK/LOW BATT indicator flashes. Otherwise, the battery pack loses its ability to fully recharge.
- If the TALK/LOW BATT indicator does not light, but the phone does not work, recharge the battery pack. (The battery charge might be too low to light the indicator.)
- If you are not going to use your phone for an extended period of time, disconnect the battery pack. This increases the battery pack's usable life.
- The supplied battery pack should last for about a year. When it loses its ability to fully recharge, order a replacement battery pack from your local RadioShack store (see "Replacing the Battery Pack" on Page 35).

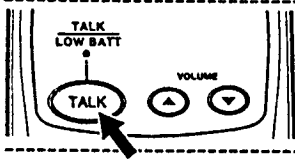
SETTING THE DIALING MODE

Set PULSE/TONE on the back of the base for the type of service you have. If you are not sure which type you have, once the battery pack is fully charged, do this test.

1. Be sure PULSE/TONE is set to TONE.



2. Lift the handset, press TALK, and listen for a dial tone.



3. Press any number other than 0.

Note: If your phone system requires that you dial an access code (9, for example) before you dial an outside number, do not dial the access code either.

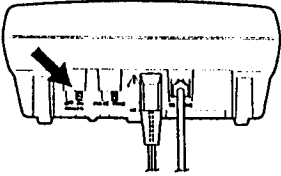
If the dial tone stops, you have touch-tone service. Leave PULSE/TONE set to TONE.
If the dial tone continues, you have pulse service. Set PULSE/TONE to PULSE.

ADJUSTING THE RINGERS

The TAD-727's handset has two different ringer volume. You can also turn off the ringer on either or both of handset and base.

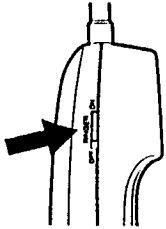
Turning On/Off the Ringers

To have the base ring when a call comes in, set RINGER OFF/ON on the back of the base to ON.



To have it not sound, set RINGER OFF/ON to OFF.

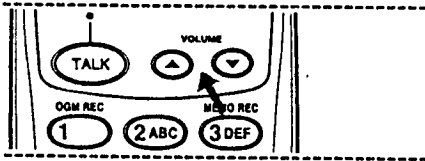
To have the handset ring when a call comes in, set RINGER OFF/ON on the handset's left side to ON.



To have it not sound, set RINGER OFF/ON to OFF.

Setting the Handset's Ringer Volume

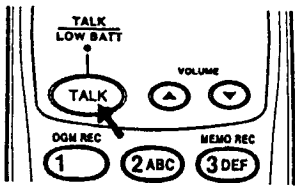
At any time except during a call, press VOLUME ▲ or ▼ to set the ringer volume either high or low. The handset rings at the selected volume.



TELEPHONE OPERATION

MAKING AND RECEIVING CALLS

To make a call, lift the handset and press TALK. When you hear the dial tone, dial the number.



To answer a call when the handset is on the base, just lift the handset and begin your conversation.

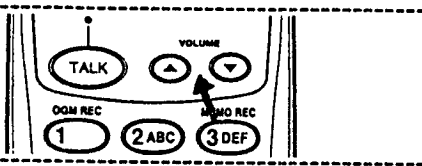
You can answer a call by pressing any key on the handset when the handset is not on the base.

Both the IN USE/CHARGE indicator on the base and the TALK/LOW BATT indicator on the handset flash when you receive a call, and the TALK/LOW BATT indicator lights steadily while the handset is in use.

To end a call, place the handset on the base or press TALK so the TALK/LOW BATT indicator on the handset turns off.

ADJUSTING THE HANDSET VOLUME

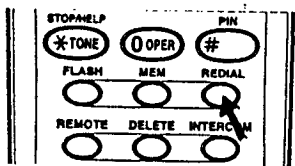
The handset's VOLUME control lets you set the volume you hear through the handset to one of four levels.



To turn the volume up or down during a call, repeatedly press VOLUME ▲ or ▼ on the handset. The TAD-727 beeps once each time you press VOLUME ▲ or ▼. When you reach the highest or lowest volume level, the TAD-727 beeps three times.

USING REDIAL

You can quickly dial the last number dialed. Lift the handset and press TALK, then press REDIAL.

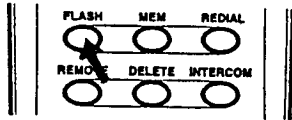


Notes:

- The redial memory holds up to 32 digits, so you can redial long-distance as well as local numbers.
- The redial memory also holds pause entries. See "Entering a Pause" on Page 19.

USING FLASH

FLASH performs the electronic equivalent of a switchhook operation for special services, such as Call Waiting.



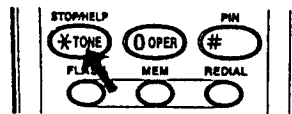
For example, if you have Call Waiting, press FLASH to answer an incoming call without disconnecting the current call. Press FLASH again to return to the first call.

Note: If you do not have any special phone services, pressing FLASH might disconnect the current call.

USING TONE SERVICES ON A PULSE LINE

Some special services, such as bank-by-phone, require tone signals. If you have pulse dialing, you can still use these special tone services by following these steps.

1. Be sure PULSE/TONE is set to PULSE.
2. Dial the service's main number.
3. When the service answers, press TONE (✕). Any additional numbers you dial are sent as tone signals.



4. After you complete the call, return the handset to the base or TALK. The phone automatically resets to the pulse mode.

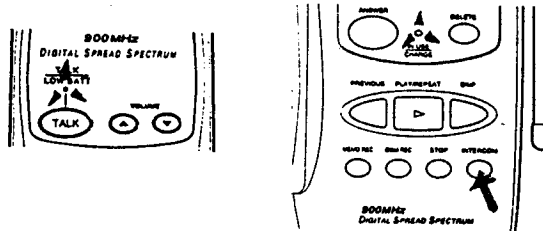
USING THE INTERCOM

You can use the TAD-727 as a two-way pager and intercom between the base and handset. This is useful if the handset is away from the base and you want to locate it, or if you want to have a conversation between someone with the handset and someone at the base.

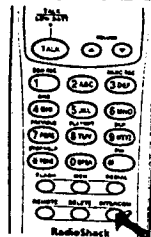
Note: If a call comes in during an intercom conversation, the person using the handset can answer the call by pressing TALK, but the intercom call is disconnected.

Paging from the Base to the Handset

To send a page from the base to the handset, press INTERCOM on the base. The handset beeps twice per second for 15 seconds. The base's IN USE/CHARGE indicator flashes.



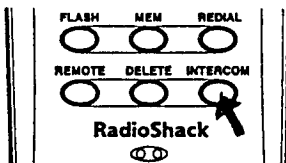
To answer a page at the handset, press INTERCOM. Begin your conversation after the TALK/LOW BATT indicator on the handset lights steadily.



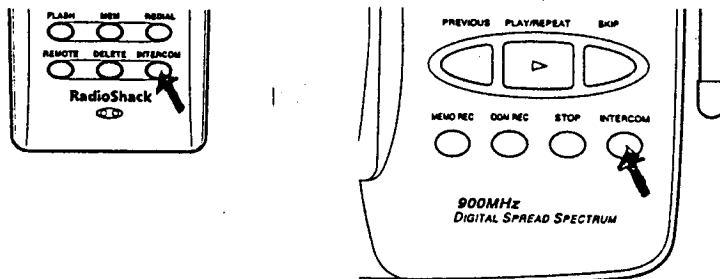
To end an intercom call, press INTERCOM on the base or INTERCOM on the handset. All indicators turn off.

Paging from the Handset to the Base

To send a page from the handset to the base, press INTERCOM on the handset. The base sounds two short beeps, and automatically answers the handset's page (whether or not anyone is there). Begin your conversation.



To end an intercom call, press INTERCOM on the base or INTERCOM on the handset. All indicators turn off.



MEMORY DIALING

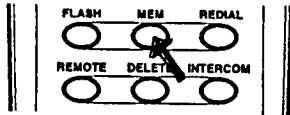
You can store up to 10 numbers of up to 16 digits each in the TAD-727's memory, then dial them with the press of a few buttons.

Storing a Number

Notes:

- An error tone sounds and the phone exits the storing process if you wait more than 30 seconds between each key press.
- If you receive a call during memory entry, the phone exits the storing process.

1. Press MEM (memory), then the TALK/LOW BATT indicator flashes.



2. Enter the number you want to store.

Notes:

- If you have pulse service and want to send tone signals, press ✕ at the appropriate place in the sequence of numbers.
 - Each ✕ or pause entry (see "Storing a Pause") counts as one digit in memory.
 - Each number you store can be up to 16 digits long.
3. Press MEM then press the number key (0-9) of the memory location where you want to store the number. A beep sounds to indicate that the number is stored.
4. For each stored number, write the person's or company's name next to the appropriate location number on the supplied memory directory sticker. (Use a pencil in case you need to change the number later.) Peel the backing from the sticker and attach it to the phone as shown.

illust.-40 shows attaching sticker

Notes:

- To change a number in memory, store a new one in its place.
- To erase a number from memory, repeat Steps 1 and 3, skipping Step 2.

Entering a Pause

In some telephone systems, you must dial an access code (9, for example) and wait for a second dial tone before you can dial an outside number. You can store the access code with the phone number. However, you should also store a pause after the access code to allow the outside line time to connect. To enter a 2-second pause, press REDIAL at each point where a pause is needed. You can add more pause entries for a longer pause.

Dialing a Stored Number

To dial a stored number, when you hear the dial tone, press MEM then the desired memory location number (0-9).

Chain-Dialing Service Numbers

For quick recall of numbers for special services (such as bank by phone), store each group of numbers in its own memory location.


Dial the service's main number first. Then, at the appropriate place in the call, press MEM and enter the number for the location where the additional information is stored.


Testing Stored Emergency Numbers

If you store an emergency service's number (police department, fire department, ambulance) and you choose to test the stored number, make the test call during the late evening or early morning hours to avoid peak demand periods. Also, remain on the line to explain the reason for your call.

USING A HEADSET

You can make or answer calls with hands-free convenience using an optional headset that has a 3/32-inch (2.5 mm) plug. Contact your local RadioShack store for a suitable headset.

Insert the headset plug into the  jack on the side of the handset.

illust.-41 shows connecting headset to  jack

Notes:

- Connecting a headset disconnects the handset's earpiece and microphone.
- VOLUME ▲ or ▼ on the handset also controls the headset's volume.
- If you place the handset on the base to recharge it while the headset is connected, be sure the handset seats properly.

With a headset connected, you can make or answer calls as usual using the keys on the handset.

You can use a handset holder (available from your local RadioShack store) to hang the handset on your belt for greater convenience.

When you finish using the headset, disconnect it from the handset.

TAD OPERATION

You use both the base and handset to control the TAD. With the base, you can set the day and time, set the number of rings before the TAD answers an incoming call, set the kind of outgoing message played, set how long incoming messages can be, record outgoing messages, memos and telephone conversation, turn the TAD on and off, play and delete messages, and adjust the TAD's volume.

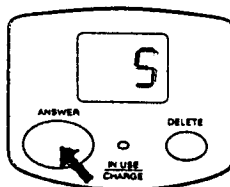
With the handset, you can change the remote operation personal identification number (PIN), set the kind of outgoing message played, record outgoing messages, memos and telephone conversation, turn the TAD on and off, play messages, and delete a current message.

Note: While you are using the base to control the TAD, you can still answer incoming calls with the handset or another phone on the same telephone line.

SETTING THE NUMBER OF RINGS

You can select how long the TAD waits before it answers a call (2 rings, 5 rings, or toll-saver).

1. Hold down ANSWER until the TAD announces the number of rings ("2", "5" or "toll-saver") set previously. It also displays on the digital display.

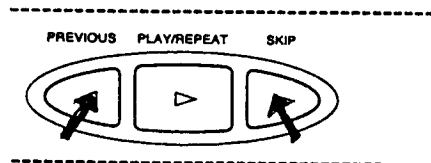


2. Repeatedly press PREVIOUS or SKIP until the digital display shows the desired number of rings. The TAD also announces the displayed number of rings.

2----- answers on the second ring

5----- answers on the fifth ring

5A----- toll-saver



3. Press ANSWER or PLAY/REPEAT/▶ . The TAD sounds a long beep and announces the selected number of rings.

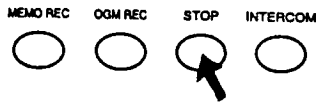
Notes:

- If you plan to check your messages by long distance, set the number of rings to toll-saver (See "Using the Toll-Saver" on Page 30).
- While setting the number of rings, you must press each button within 30 seconds of the previous button press. If you take longer, the setting procedure is canceled automatically.

SETTING THE DAY AND TIME

You must set the day and time so the TAD can record the correct day and time of each message.

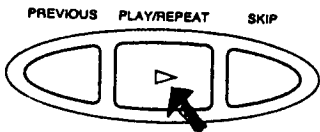
1. Hold down STOP on the base until a long beep sounds. The TAD announces the day of the week. CL flashes on the digital display.



2. Set the day of the week by pressing PREVIOUS or SKIP until the TAD announces the desired day of the week.



3. Press PLAY/REPEAT/▶. The TAD announces the hour, and "AM" or "PM".

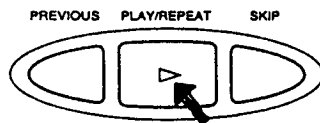


4. Set the desired hour by pressing PREVIOUS or SKIP until the TAD announces the desired hour, and "AM" or "PM".

5. Press PLAY/REPEAT/▶. The TAD announce the minute.

6. Set the desired minute by pressing PREVIOUS or SKIP until the TAD announces the desired minute. Holding down PREVIOUS or SKIP advances minute continuously.

7. Press PLAY/REPEAT/▶. The TAD announces the minute and sounds a beep. Then the seconds start to count from 0 second.



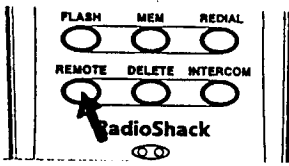
Notes:

- If you make an error, the TAD beeps rapidly 3 times. Repeat Steps 1-7.
- While setting the day and time, you must press each button within 30 seconds of the previous button press. If you take longer, the setting procedure is canceled automatically.
- When you have an incoming call or paging from the base while setting the day and time, the setting procedure is also canceled automatically.
- If there is a power failure, PF flashes on the digital display when power returns. Then reset the day and time correctly.

USING THE HANDSET TO CONTROL THE TAD

To control the TAD with the handset, press REMOTE in standby mode.

The TALK/LOW BATT indicator on the handset lights, and two bars flash on the digital display on the base.



The TAD tells you the number of messages you have (if any). If the TAD has no messages, the TAD announces "You have no messages."

Now, it is ready to accept a command. You can continue to access other features.

Note: If you need help during operation, press STOP/HELP/*TONE. The TAD plays a series of voice prompts to guide you through the handset operation.

When you finish operating the TAD, wait until the TALK/LOW BATT indicator turns off or press REMOTE again so you can use the handset to make and receive calls.

SELECTING AN OUTGOING MESSAGE

The TAD has two prerecorded messages. One asks the caller to leave a message ("Hello, no one is available to take your call. Please leave your message after the tone."), the other is simply an announcement and does not let the caller leave a message ("Hello, no one is available to take your call."). You can also record your own message (see "Recording an Outgoing Message").

Use the REC TIME switch to select which message you want. When you set it to either 1 or 4 (minutes), the normal message is selected and the TAD records each incoming message for 1 or 4 minutes.

When you set it to ANS. ONLY, the announce-only message is selected.

Recording an Outgoing Message

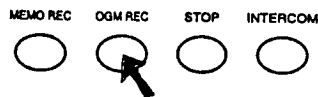
You can record your own message up to 1 minute long for the caller to hear when the TAD answers a call. You can use both the base and the handset to record the message.

With the REC TIME switch set to 1 or 4, you can select either your own normal message or the normal prerecorded message. With the REC TIME switch set to ANS. ONLY, you can select either your own answer-only message or the answer-only prerecorded message.

Hint: Do not tell callers that you are not home. Instead, say that you cannot come to the phone right now.

Follow these steps to record your outgoing message.

1. Hold down OGM REC on the base for about 2 seconds until a beep sounds. The digital display begins counting up by second (00→01→02 - - -). Then speak your outgoing message into the base.

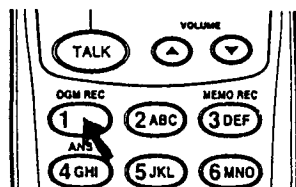


2. Press OGM REC again (or press STOP) when you finish recording. The base beeps, plays back the message, then beeps again. The digital display shows A, and the number of messages (if the TAD has new messages) alternately. The TAD is now ready to answer calls.

You can also record your message on the handset.

After you have pressed REMOTE and have heard the announcement of the number of messages, or all messages have been played back (or you finished playing back by pressing STOP/HELP/✕ TONE), follow these steps.

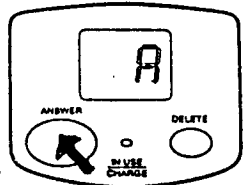
1. Press OGM REC/1 twice within 2 seconds. A beep sounds. Then speak your outgoing message into the handset.



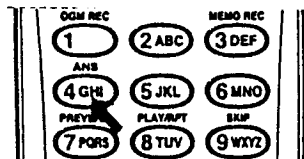
2. Press OGM REC/1 again (or press STOP/HELP/✕ TONE) when you finish recording. The handset beeps, plays back the message.

SETTING THE TAD TO ANSWER CALLS

To set the TAD to answer calls, press ANSWER on the base. The TAD plays the outgoing message, then displays A (if normal message) or AO (if announce-only message). Select the prerecorded or your own message by repeatedly pressing ANSWER.



You can also turn the TAD on and off from the handset. Press REMOTE so the TALK/LOW BATT indicator lights. The TAD announces the number of currently recorded messages. Then press ANS/4. The TAD announces the current outgoing message or "Answer off". To turn the TAD on, select the prerecorded or your own message by repeatedly pressing ANS/4.



Note: If the incoming message memory is full (59 messages including your own outgoing messages or less than 15 seconds left), the TAD announces "No remaining time", F flashes on the digital display. The TAD does not answer calls.

To turn off the TAD, press STOP on the base or ANS/4 on the handset except while any message is playing back. The TAD announces "Answer off".

SCREENING CALLS

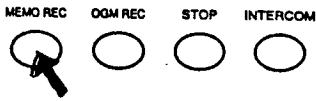
You can let the TAD answer calls for you while you listen to the caller's message through the base's speaker. You can adjust the volume of caller's voice with the VOLUME control on the base. If you decide to answer the call, lift the handset and press TALK, or pick up any phone on the same phone line as the TAD. The TAD stops recording.

You can also use the handset to screen calls. When the TAD starts to answer a call, press REMOTE on the handset and listen to the caller's message. If you decide to answer the call, press TALK. If you decide to hang up and let the TAD continue recording the caller's message, press REMOTE again.

RECORDING A MEMO

You can leave a message (memo) up to 4 minutes long, for yourself or others, using either the base or the handset. The memo is counted as one message and plays back with other messages (see "Playing Messages").

1. Hold down MEMO REC on the base for about 2 seconds until a beep sounds.

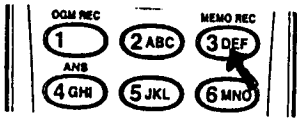


2. Speak into the base.
3. When you finish recording your memo, press MEMO REC again (or press STOP). The TAD beeps again and the message number increases by one.

You can also record your memo on the handset.

After you have pressed REMOTE and have heard the announcement of the number of messages, or all messages have been played back (or you finished playing back by pressing STOP/HELP/✕TONE), follow these steps.

1. Press MEMO REC/3.



2. When the TAD beeps, speak into the handset.
3. When you finish recording your memo, press MEMO REC/3 again (or press STOP/HELP/✕TONE). The TAD beeps again and plays back the recorded message.

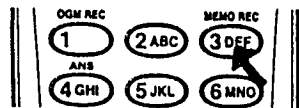
RECORDING TELEPHONE CONVERSATION

When you are talking on the TAD-727, you can record the conversation. The recorded conversation is counted as one message. The recording can be as long as the available recording time (about 15 minutes maximum).

Note: Before recording, make certain the other caller knows that you plan to record the conversation.

To Record a Conversation Using the Handset

1. Press REMOTE.
2. Press MEMO REC/3. Then recording starts.



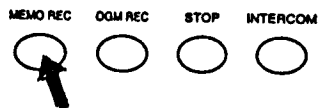
3-a. To send the recorded contents you just made back to the caller through the telephone line, press PLAY/RPT/8 while recording.

or

3-b. Press MEMO REC/3 again to stop recording.

To Record a Conversation Using the Handset and the Base

1. Hold down MEMO REC on the base for about 2 seconds while talking with the handset. Then recording starts.



2-a. To send the recorded contents you just made back to the caller through the telephone line, press PLAY/REPEAT/▶ while recording.

or

2-b. Press MEMO REC again to stop recording.

Notes:

- To stop playback, press REMOTE on the handset, or press STOP on the base.
- To repeat playback, press PLAY/RPT/8 on the handset, or press PLAY/REPEAT/▶ on the base.

PLAYING MESSAGES

After new message(s) is recorded, A and the number of all new recorded messages flash on the display.

Notes:

- The maximum number of messages that the display can show is 59. The number does not change after that even if you have received more messages.
- When the TAD receives 59 messages or the memory has less than 15 seconds left, F (full) and the number of messages flash on the display.

Press PLAY/REPEAT/▶ on the base, or press REMOTE then PLAY/RPT/8 on the handset. The TAD announces the number of messages and whether the messages are new or old (already listened to). Then each new message plays, followed by the day and time it was recorded.



When you have both old and new messages, the TAD first plays back only new messages, then plays old ones.

While playing back the messages, PL (playback) and the number of the current message flash on the display. For example, if you have a total of four messages (one old, three new), pressing PLAY/REPEAT/▶ displays 2 (the first new message).

If there are no messages when you press PLAY/REPEAT/▶ or PLAY/RPT/8, the TAD announces "You have no messages."

Notes:

- If the TAD detects a busy signal for more than 5 seconds or silence for more than 8 seconds while recording a message, it stops recording and releases the call.
- When you play back messages using handset, the message number does not appear on the display.

To skip to the next message, press SKIP (or SKIP/9 on the handset).



To skip to the previous message, press PREVIOUS (or PREVIOUS/7 on the handset).

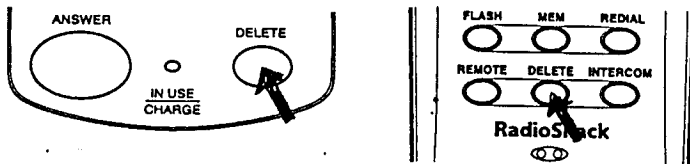


To play the current message again, press PLAY/REPEAT/▶ (or PLAY/RPT/8 on the handset).

To stop playback before the end of the messages, press STOP (or STOP/HELP/*TONE on the handset).

DELETING MESSAGES

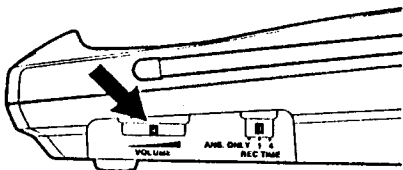
To delete the current message, press DELETE (or DELETE on the handset) until a beep sounds at any time during playback.



To delete all messages at once, while messages are not playing, hold down DELETE on the base until the TAD beeps 3 times. After all messages have been deleted, the TAD announces "You have no messages."

ADJUSTING THE TAD'S VOLUME

You can adjust the playback volume with the VOLUME control on the base during message playback or call screening.



REMOTE OPERATION

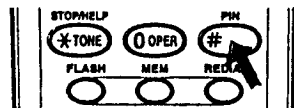
USING THE TOLL-SAVER

When you call the TAD with the number of rings to answer calls set to "toll-saver", it answers after about two rings if you have new messages (ones you have not listened to). If there are no new messages, the TAD waits for about five rings before it answers. This gives you time to hang up before the TAD answers so you can avoid long-distance charges.

SETTING THE REMOTE OPERATION PIN

The remote operation PIN (personal identification number) permits remote access to the TAD. The PIN can be any number from 00 to 99. The default setting is 99, but you can change it by following these steps.

1. Press REMOTE on the handset so the TALK/LOW BATT indicator lights. The TAD tells you the number of messages you have (if any).
2. Press PIN/# on the keypad. Then the TAD announces the current PIN.



3. Enter your two-digit PIN.
4. Press PIN/# on the keypad again. Then the TAD announces your new PIN stored.
5. Press REMOTE so the TALK/LOW BATT indicator turns off.

ACCESSING THE TAD BY REMOTE

While you are away from your home, you can use a touch-tone phone, or a pulse (rotary) phone with a pocket tone dialer, to enter your PIN and do any of the following:

- Set the TAD to answer calls
- Select an outgoing message
- Listen to your messages
- Record a new announcement
- Record a memo
- Delete messages
- Turn the TAD off

Note: You cannot access the TAD from another telephone on the same line as your TAD-727.

1. Dial your phone number and wait for the TAD to answer.

If the TAD is not set to answer calls, let the phone ring 10 times.

The TAD automatically turns itself on to answer your call and beeps then turns off when you hang up (unless you set the TAD to answer calls).

2. When the outgoing message begins, press ✕ then enter your 2-digit PIN within 2 seconds.

The message stops, and the TAD announces "You have xx new message(s)" (where xx is the number of messages) or "You have no messages", then the TAD plays back the recorded messages continuously. When you have both old and new messages, the TAD first plays back only new messages, then plays old ones.

3. During playback, you can press the number key for the command you want.

Press: To:

7 Skip to previous message.

8 Repeat current message.

9 Skip to next message.

✕ Stop playback of messages.

0 twice within 2 seconds Delete current message.

After all messages have been played back (or you finished playing back by pressing ✕ key), you can continue to access other features.

To record a new outgoing message:

1. Press 1 key twice within 2 seconds. You hear a beep.

2. Record your new outgoing message.

3. Press 1 or ✕ key. A beep sounds and the recorded outgoing message plays back.

To record a memo:

1. Press 3 key. You hear a beep.

2. Record your message.

3. Press 3 key. A beep sounds and only the recorded message plays back.

To listen to help guidance:

Press ✕ key. Then you can hear a series of voice prompts to guide you through remote operation.

To set the TAD to answer/not answer calls:

Press 4 key. The TAD announces the current outgoing message or "Answer off". To turn the TAD on, select the prerecorded or your own message by repeatedly pressing 4 key.

TROUBLESHOOTING

We do not expect you to have any problems with your phone, but if you do, the following suggestions might help.

Problem

The phone does not work or works poorly.

Suggestion

Check all phone line connections.

Make sure the AC adapter and battery pack are properly connected.

Make sure battery pack is properly charged.

The handset loses the security access-protection code when the battery pack loses its charge. To correct this, return the handset to the base for about 2 seconds (see "Connecting and Charging the Battery Pack" on Page 12).

The TALK/LOW BATT indicator flashes slowly when the handset is faceup on the base.
Be sure the battery pack in the handset is properly connected.

Space

The handset stops working or works poorly during a call.

Move the handset closer to the base.

Lift the base's antenna to a fully vertical position.

Be sure the handset's battery pack is charged. (If the battery pack power is too low, it does not have enough power to light the TALK/LOW BATT indicator.)

Severe noise interference.

Keep the handset away from computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.

Move to another location or turn off the source of interference.

Hang up and redial the number.

The phone cannot be operated at a useful distance from the base because the signal becomes weak or noisy (handset's range has decreased).

Lift the base's antenna to a fully vertical position.

Be sure neither the handset's nor base's antenna is touching a metal surface.

Recharge the battery pack.

The handset battery pack does not charge.

Check the charging contacts on the handset and base. If they are dirty, clean them with a pencil eraser.

Be sure the battery pack is properly connected.

Be sure the handset is properly seated on the base.

Replace the battery pack (see "Replacing the Battery Pack" on Page 35).

Handset does not ring or receive a page.

Lift the base's antenna to a fully vertical position.

Move the handset closer to the base.

Move the base away from other electrical devices.

Recharge the battery pack.

The TAD does not answer call.

Make sure the TAD is turned on.

Make sure the AC adapter and battery pack are properly connected.

Check all phone line connections.

The TAD does not record callers' messages.

REC TIME is set to ANS. ONLY (announcement only). Set it to 1 or 4.

Delete messages if memory is full.

If you still have problems, disconnect the phone. If other phones on the same line work properly, the fault is in this phone or its installation. If you cannot find the problem, take your TAD-727 to your local RadioShack store for assistance.

OUT OF RANGE SIGNAL

If you move the TAD-727's handset out of the base's range, the handset will not operate properly.

If you move the handset out of the base's range while a call is in progress, three beeps sound through the earpiece every four seconds.

If you move the handset back within the base's range within 40 seconds, the out of range signal stops, and you can resume your phone conversation.

If you keep the handset out of the base's range for 40 seconds or more, the call is disconnected.

CARE AND MAINTENANCE

Your RadioShack TAD-727 900 MHz Digital Spread Spectrum Cordless Telephone with Digital Answering System is an example of superior design and craftsmanship. The following suggestions will help you care for your TAD-727 so you can enjoy it for years.



Keep the TAD-727 dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the TAD-727 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage battery packs, and distort or melt plastic parts.



Keep the TAD-727 away from dust and dirt, which can cause premature wear of parts.



Handle the TAD-727 gently and carefully. Dropping it can damage circuit boards and cases and can cause the TAD-727 to work improperly.



Use only a battery pack of the required size and recommended type. Batteries can leak chemicals that can damage your TAD-727's electronic parts.



Wipe the TAD-727 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the TAD-727.

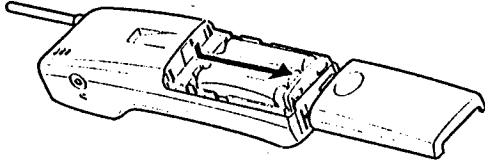
Modifying or tampering with the TAD-727's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your TAD-727 is not performing as it should, take it to your local RadioShack store for assistance. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your TAD-727 until you have resolved the problem.

REPLACING THE BATTERY PACK

If you follow the instructions in "Connecting and Charging the Battery Pack" on Page 12, the battery pack should last about one year. If the battery pack does not hold a charge for more than 2 hours after an overnight charge, replace it with a new 3.6-volt, 600 mAh battery pack with a connector that fits the socket in the battery compartment. You can order a replacement battery pack through your local RadioShack store.

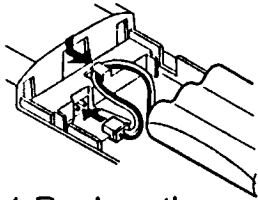
Install the new battery pack as described below, then charge it for about 12 hours.

1. Press down and slide off the battery pack compartment cover as shown.



2. Lift the battery pack out of the compartment, then gently pull on the battery connector to disconnect it.

3. Insert the new battery pack's connector into the socket in the compartment and place the battery pack into the compartment.



4. Replace the cover.

Cautions:

- You must use a replacement battery pack of the same size and type.
- Do not dispose of the battery pack in a fire because it might explode.
- Do not open or mutilate the battery pack.
- Be careful not to short the battery pack by touching the connector's pins with conducting materials, such as rings, bracelets, and keys. The battery pack or conductor might overheat and burn.

If you have trouble replacing the battery pack, take the phone to your local RadioShack store for assistance.

Important: This product contains a rechargeable nickel-cadmium battery pack. At the end of the battery pack's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curb-side collection, drop-off boxes at retailers such as your local RadioShack store, recycling collection centers, and mail-back programs.

THE FCC WANTS YOU TO KNOW

In the unlikely event that your phone causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this telephone. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

Your phone might cause TV or radio interference even when it is operating properly. To determine whether your phone is causing the interference, turn off your phone. If the interference goes away, your phone is causing it. Try to eliminate the interference by:

- moving your phone away from the receiver
- connecting your phone to an AC outlet that is on a different electrical circuit from the receiver
- contacting your local RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using your phone.

Some cordless telephones operate on frequencies that might cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR.

LIGHTNING

Your telephone has built-in lightning protection to reduce the risk of damage from surges in telephone line and power line current. This lightning protection meets or exceeds FCC requirements. However, lightning striking the telephone or power lines can damage your telephone.

Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone during storms to reduce the possibility of damage.

RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102
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Printed in Malaysia

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER 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, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; 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.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W, 100 Throckmorton St., Suite 600, Fort Worth, TX 76102