ⓡ **RadioShack**®

Cat. No. 43-651

ET-651 Two-Line Desk Phone

Your RadioShack ET-651 Two-Line Desk Phone lets you place or receive calls on two separate telephone lines.

Its features include:

Handset Volume Control — lets you adjust the volume of the sound you hear through the handset.

Distinctive Ring — tells you which line is ringing.

Ring Indicators — tell you when calls come in, even if the ringer is turned off.

Adjustable Ringer Volume — lets you set the ringer to low, high, or off.

Redial — lets you quickly redial the last number dialed.

Hold with Indicator — lets you put one or both lines on hold and has a separate hold indicator for each line.

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.

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

We recommend you record the ET-651's serial number here. The number is on the bottom of the phone.

Serial Number: _____

Your ET-651 is ETL listed to UL standards and meets all applicable FCC standards.

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.

Read This Before Installation

We have designed your ET-651 to conform to federal regulations, and you can connect it to most telephone lines. However, each telephone (and each device such as an answering machine) 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 telephone or other device on the line, add up all the RENs. If the total is more than five, your telephones 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 ET-651 complies with Part 68 of FCC Rules. You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are on the bottom of the phone.
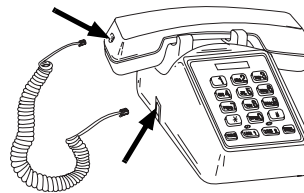
Note: You must not connect your ET-651 to any of the following:

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

PREPARATION

Connecting the Handset

Plug the supplied coiled handset cord into the jacks on the handset and the left side of the phone.
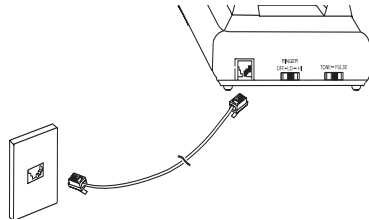

Connecting to the Phone Lines

To take full advantage of the ET-651's capabilities, you must have two phone lines with separate phone numbers. If you have only one line, you can order a second from your phone company.

Notes:

- The line that connects the phone jack to the phone company wiring must be twisted-pair cable. Otherwise, you might hear interference (crosstalk) between the two lines.

- Your phone connects directly to a modular phone line jack. If your phone wiring does not have a modular jack, you can update it using jacks and adapters available at your local RadioShack store, or have the phone company update it for you.

- The USOC number of the two-line jack to be installed is RJ14C. The USOC number of a single-line jack is RJ11C.

2

Plug one end of the supplied two-line telephone cord into the jack on the back of the phone. Then plug the cord's other end into a modular telephone line jack.
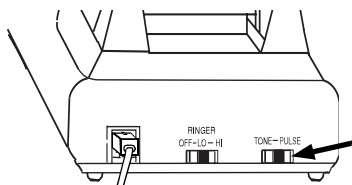
If you use two single-line jacks, you must connect the lines with an optional two-line coupler (such as RadioShack Cat. No. 279-401).

Two-line Coupler

Setting the Dialing Mode

Set **TONE–PULSE** for the type of service you have. If you are not sure which type you have, do this simple test.

1. Be sure **TONE–PULSE** is set to **TONE**.

2. Press **LINE 1** or **LINE 2**, lift the handset, and listen for a dial tone.

3. Press any number except **0**.

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

   If the dial tone stops, you have touch-tone service. Leave **TONE–PULSE** set to **TONE**.

   If the dial tone continues, you have pulse service. Set **TONE–PULSE** to **PULSE**.

4. Hang up, then repeat the test for the other line.

Note: If you have tone service on one line and pulse service on the other, you must set **TONE–PULSE** to the right setting each time you make a call on a different line. The setting does not matter when you answer a call, however.

Confirming the Line Numbers

Follow these steps to determine which phone number is connected to which line.
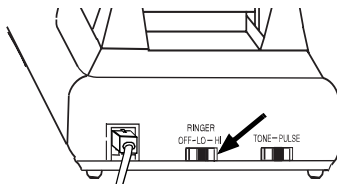
1. Be sure **TONE–PULSE** is set correctly.

3

2. Press **LINE 1** then lift the handset.

3. Dial one of your phone numbers. If the Line 2 indicator flashes, the number is connected to Line 2. If you hear a busy signal, the number is connected to Line 1.

After you confirm the phone number for each line, write the numbers on the number plate above the keypad. Use a paper clip to lift off the plate's plastic cover. Use a pencil to write the numbers in case the numbers change.

Setting the Ringer Volume

To adjust the ringer volume, set **RINGER** to **LO** for a quiet ring or **HI** for a louder ring.
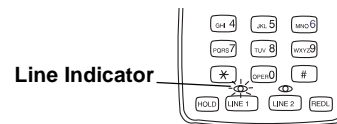

If you do not want the ringer to sound, set **RINGER** to **OFF**. You can still make and answer calls if you hear another phone on the same phone line ring or if you see a line indicator flashing.

OPERATION

To place a call, press the line button for an available line and lift the handset. When you hear a dial tone, dial the number.

When you receive a call, that line's indicator flashes. To answer a call, press the line button (**LINE 1** or **LINE 2**) below the flashing line indicator and lift the handset. The line indicator turns off.

The ring for Line 1 has a lower pitch than the ring for Line 2. This helps you tell which line is ringing.
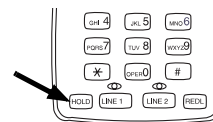
To end a call, hang up the handset.

Adjusting the Handset Volume

Set the handset volume switch in the center of the handset to the desired level (**LO**, **MED**, or **HI**).

Using Hold

To place a call on hold, press **HOLD**. The line's indicator lights.
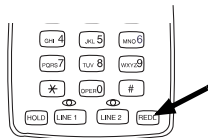

4

Note: Pressing another line button without pressing **HOLD** disconnects the current call.

To release a call from hold, press that line's button. You can also release a call from hold by picking up any extension phone on that line.

Using Redial

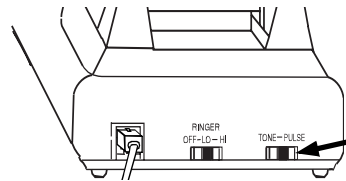To quickly dial the last number dialed, press **REDL** when you hear a dial tone.

Notes:

- The redial memory holds up to 32 digits. If you dial more than 32 digits, the phone does not store any numbers.

- When the phone redials, it uses the current dialing mode (tone or pulse). For example, if you dialed a number in pulse mode, and then set **TONE–PULSE** to **TONE**, the phone redials the number in the tone mode.

- You can redial a number on a line other than the one you originally dialed it on if you have the same type of service on both lines.

Using Tone Services with a Pulse Line

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

1. Dial the service's main number.

2. When the service answers, set **TONE–PULSE** to **TONE**. Any additional numbers you dial are sent as tone signals.

3. When you finish the call, set **TONE–PULSE** back to **PULSE**.

5

CARE AND MAINTENANCE

Your RadioShack ET-651 Two-Line Desk Phone is an example of superior design and craftsmanship. The following suggestions will help you care for your ET-651 so you can enjoy it for years.

Keep the ET-651 dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.

Use and store the ET-651 only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, and distort or melt plastic parts.

Keep the ET-651 away from dust and dirt, which can cause premature wear of parts.

Handle the ET-651 gently and carefully. Dropping it can damage circuit boards and cases and can cause the ET-651 to work improperly.

Wipe the ET-651 with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the ET-651.

Modifying or tampering with the ET-651's internal components can cause a malfunction and might invalidate its warranty. If your ET-651 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 ET-651 until you have resolved the problem.
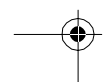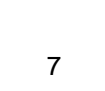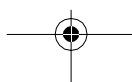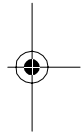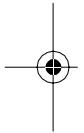
6

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.

Lightning

Your telephone has built-in protection circuits to reduce the risk of damage from surges in telephone line and power line current. These protection circuits meet or exceed the 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.

7

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

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