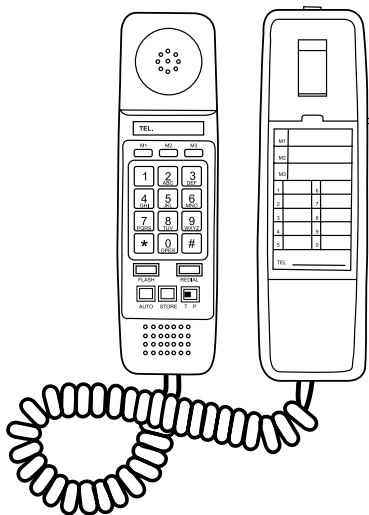


TRU-TONE

THIN Style Telephone

Owner's Manual

Model TT-1000



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 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 similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. 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.
8. 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

9. 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 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.

10. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

11. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

INSTALLATION INSTRUCTIONS

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.

Preparation

First carefully remove your CLEAR TONE telephone from the unit carton. In addition to the handset and telephone base, each carton contains the following accessories:

- One 7ft. fully modular telephone line cord (long, straight cord)
- One 7ft. fully modular coil cord
- Owner's Manual
- One 4 inch fully modular telephone line cord (short, straight cord).

GET TO KNOW YOUR TELEPHONE

1. 3-ONE TOUCH MEMORY KEYS
2. LIGHTED DIAL KEY PAD
3. REDIAL BUTTON
4. FLASH BUTTON
5. AUTO BUTTON
6. STORE BUTTON
7. TONE / PULSE SWITCH
8. HOOK SWITCH
9. RINGER ON / OFF SWITCH
10. MEMORY INDEX

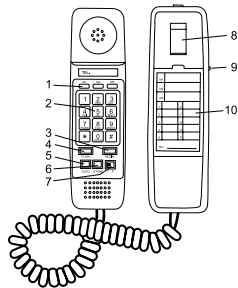


Diagram A

Important Notice

Your telephone will operate on all systems, tone or rotary.

1. If your home is wired for rotary service, move switch to pulse position (P).
2. If your home is wired for tone service, move switch to tone position (T).
3. If you're unsure of the type of service you have, ask your local telephone company.

1. Pushbutton Dialing Convenience on Rotary Lines.

Your telephone can be used as a direct replacement for rotary phones. If your home is wired for rotary service, move switch to pulse position and enjoy pushbutton dialing ease.

NOTE: Your telephone will pulse for a second or two while you are dialing. This simulates the dialing action.

2. Tone Dialing. If your home is wired for tone service, move switch to tone position. This can be used as a direct replacement for tone phones. Also allows use of long distance dialing services and tone accessed computer.

NOTE: If your home is not wired for tone service, you will not be able to make outgoing calls while in the tone mode. Slide the switch to the pulse position. You have rotary service.

INSTALLATION

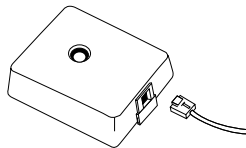
Coil Cord Connection

Insert coil cord into modular jack located on side of housing. Connect the other end into the modular jack located on handset.

Line Cord Connection

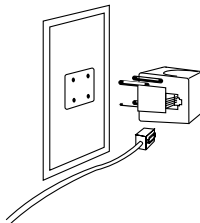
With a modular jack telephone system, connect the straight telephone line cord to the modular jack located on the bottom of the base. Insert the other end of cord into a modular wall jack. Make sure all plugs snap firmly in place. (See Diagram B).

Diagram B



With a four prong style jack, simply use a plug in modular adaptor (See Diagram C).

Diagram C



OPERATION

SETTING THE TONE/PULSE SWITCH (P/T)

Please ask your local telephone company whether your phone service is PULSE (Rotary) dialing or TONE DIALING. Set the switch at T position for TONE type, or set the switch at P position for PULSE (Rotary) type.

RINGER ON/OFF SWITCH

When you don't want to be disturbed by incoming calls, slide the ringer switch on the base to the "OFF" position, you can still use the phone to make outgoing calls but any in-com-ing call will not activate the bell Remember to return the switch to the "ON" position when you are ready to receive calls.

Select the desired function of the bell ringer.

-OFF the ringer does not sound, for undisturbed privacy. Only on THIS PHONE, other phones in your home will continue to ring normally.

-ON Normal setting rings on incoming calls.

RECEIVING CALLS

When the phone rings

1. Lift the handset and speak into the mouth piece of the handset.

2. Hang up the handset to release the telephone line when conversation is completed.

PLACING CALLS

1. Select the desired dialing mode with the (P/T)

2. Pick up the handset and listen for a dial tone.

3. Dial your call

LAST NUMBER REDIALING

The last number you called can be redialed using this telephone.

This is useful especially if the line is busy.

1. To Redial the last number, press the HOOK SWITCH, listen for the dial tone, then press the REDIAL BUTTON.

2. If you do not want anyone to know which number you dialed last, pick up the phone and press any number. and Hang up.

3. To redial numbers stored in memory, press the memory buttons (not redial).

STORING TELEPHONE NUMBERS INTO MEMORY LOCATIONS M1 OR M2 OR M3

NOTE: This phone has 3 one touch memories. This is very useful for emergency numbers or numbers you call frequently. To use the one touch numbers just get a dial tone and press one of the 3 buttons. To store a number into any of these 3 locations just follow the instructions below, Remember to write the names you stored onto the memory index. We suggest you write these in pencil so you can change them later.

STORING NUMBERS INTO MEMORY

To store numbers into the 3 one touch memory, locations do the following

1. Pick up handset, listen for the dial tone.

2. Press store button once & release.

3. Dial number to be stored.

4. Press store button once & release.

5. Press M1 or M2 or M3 (location where you want the number stored).

6. Hang up phone, & go back to step #1 again to store other numbers.

EXAMPLE:

To store 5551212 into memory M2 do the following.

1. Pick up handset.

2. Press store

3. Dial 5551212

4. Press store

5. Press M2

6. Hang up

TO DIAL FROM M1 OR M2 OR M3

1. Pick up handset - for dial tone
2. Press M1 or M2 or M3
3. Your phone will dial the number you stored into M1 or M2 or M3 automatically.

EXAMPLE: Pressing M2 will dial (in TONE or PULSE) the number you stored in M2 to be dialed.

TO STORE A NUMBER INTO THE 10 TWO TOUCH MEMORY LOCATIONS -DO THE FOLLOWING

STORING TELEPHONE NUMBERS

NOTE: This telephone will store up to 16 digits in each memory position. Follow this simple step by step method.

1. Pick up the handset to get a dial tone.
2. Press store button once & release.
3. Dial the number you want to store.
4. Press store button once & release.
5. Press a number from 1 to 0 (where you would like your number stored).
6. Hang up the phone.
7. Repeat steps 1 to 6 to store the remaining numbers.

EXAMPLE: Suppose you want to store 555-1212 into memory 3

1. Pick up handset.
2. Press store button once & release
3. Dial 5551212
4. Press store button once & release.
5. Press 3
6. Hang up phone.

TO DIAL NUMBER FROM MEMORY

1. Pick up receiver.
 2. Press AUTO and numerical button in which the number you want to dial is stored.
- The unit will dial the number stored in the memory you selected automatically.

EXAMPLE: Pressing AUTO 2 will dial (in TONE or PULSE) the number you stored in 2 to be dialed.

DIALING NUMBERS STORED IN 10 NUMBER MEMORY

NOTE 1. Emergency calling is an important safety feature that should be used wisely. If you decide to store emergency numbers into memory, use & label them carefully. CLEAR TONE assumes no responsibility for customer reliance on this memory feature. If you want to test emergency numbers you stored, please test them during non peak hours and tell the emergency operator "This is a test" to avoid dispatching of help.

NOTE 2. If you move your phone to another room or disconnect. the phone line, your stored numbers will remain in the memory for a short time, so quickly reconnect it to the new jack, or you will have to reprogram the memory numbers.

MEMORY DIALING

NOTE 3. If the operator comes on during storing numbers with the message "your phone is off the hook", ignore this. During storing of numbers. the circuit simulates an off hook condition. This is normal. We suggest you program the numbers quickly to avoid operator messages.

NOTE 4. In case you want to change a number, simply store a new number, the old number will be automatically erased.

MEMORY INDEX

1. Lift the plastic covering over index paper.
2. Write numbers on the index (in pencil so you can change them later)
3. Replace paper and plastic cover.

Telephone Number Insert

An area for your phone number has been provided just below the wall mount hook (Fig.1#1). Remove theplastic window and write or type your area code and phone number on the paper label and replace. Slightly bend the plastic cover to slip back into

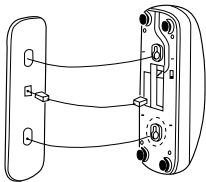
position.

INSTALLATION SECTION

Wall Mounting

Your telephone is also designed to mount on a wall surface over a modular wall jack. Simply connect the short telephone line cord to the modular jack located on the bottom of the base. Insert the other modular plug into the wall jack, making sure it snaps firmly in place. Position the wall mount slots on the bottom of the base over the two studs of the wall plate. Pull down to lock in place (see Diagram D).

Diagram D



Desk or Wall Mount

Keep the Desk/Wall hinge in a flush position for Desk Top use. To use with a Wall Mount simply flip hinge out. This will hold the handset.

Hearing Aid Compatibility

Your telephone is compatible with inductively coupled hearing aids.

Trouble Shooting Guide

Problem: No dial tone

•Check all modular plugs to be sure they have clicked into place.

•Are cords damaged in any way?

•Try another phone jack. If your TRU-TONE TELEPHONE works on another jack, it is likely that there is a problem with your wiring.

Problem: I hear my phone dialing, but I cannot get past the dial tone.

•Check the tone/pulse switch. If positioned in Tone (T) mode, switch to Pulse (P). You may have pulse dialing service. *Problem:* Phone doesn't ring.

•Is ringer switch set to the "OFF" position?

•How many extensions are connected to your line? If more than five telephones are installed on the same line, you may need to contact your local telephone company to determine the maximum number of extensions for your calling area.

Problem: The sound volume is too low.

•Is another extension off hook? If so, hang up extension.

FCC and Phone Company Information

Your telephone company is required by the Federal Communications Commission to allow you to connect FCC registered telephones to their lines. The FCC requires you to provide information, if requested by the local telephone company, about the connection of an FCC registered telephone to their lines. They may ask you for the FCC registration number and the ringer equivalence number (REN): both are on the bottom of the base. They may also ask for the Universal Service Order Code (USOC) which is RJ-11C.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive REN's on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line,

for the calling area. Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance: (2) afford you the opportunity to correct the situation: (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68. FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment operations or procedures where such action is required in the operation of its businesses not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

This equipment cannot be used on telephone Company provided coin service. Connection to Party Line Service is subject to state tariffs. Any changes or modifications not expressly approved by (state party responsible for compliance) can void the user's authority to operate the equipment.

Additional Information

- A. When your CLEAR TONE telephone is not in use, make sure the handset is engaged into the base unit.
- B. Avoid rough handling, areas with excessive moisture, heavy dust or extreme temperature.
- C. To clean, use a mild detergent and slightly damp cloth, never use strong solvents or abrasives.

- D. Connecting this telephone to a coin operated telephone or a party line is prohibited by law.
- E. If it is determined that your telephone is malfunctioning, the FCC requires that it be disconnected from the modular outlet until the problem has been corrected.