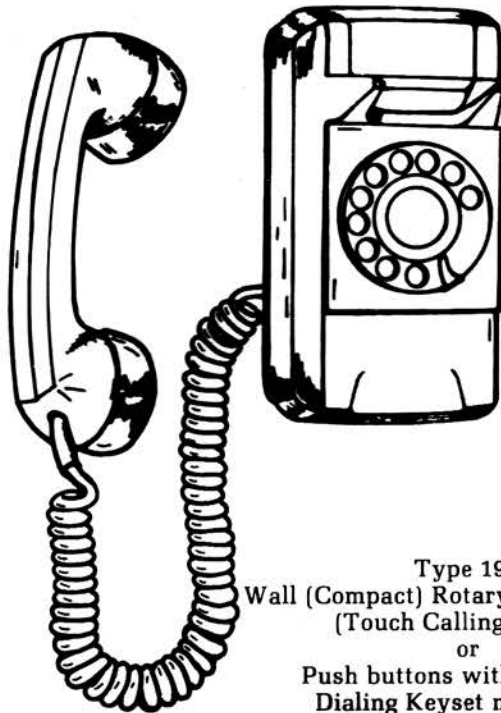


CUSTOMER INFORMATION

Starlite® Telephones by GTE (Type 182/192)



Type 182
Desk Touch Calling Telephone
or
Push buttons with Universal
Dialing Keypad
(Rotary Dial Version not shown)



Type 192
Wall (Compact) Rotary Dial Telephone
(Touch Calling Version
or
Push buttons with Universal
Dialing Keypad not shown)

The Starlite® Telephone embodies the skill and craftsmanship resulting from over eighty years of telephone design and manu-

facturing experience. To insure your satisfaction, please read and follow these instructions.

Federal Communications Commission Requirements

Before connecting this equipment, notify your local telephone company of your intent to use this equipment on your particular line (Tel. No. XXX-XXXX). Provide the telephone company the information on the label located on a visible surface of the equipment.

GTE Automatic Electric Inc.
FCC REGISTRATION NUMBER
RINGER EQUIVALENCE NUMBER (REN)
USOC NUMBER
MODEL NUMBER

Should the equipment cause harm to the telephone network, the telephone company shall, where practicable, notify the customer in writing that temporary discontinuance of service may be required; however, where prior written notice is not practicable, the telephone company may temporarily discontinue service forthwith, if such action is reasonable in the circumstances. The telephone company

may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission. Do not attempt to repair or modify this equipment. If defective, return to the Telephone Co. from which it was obtained or retailer from whom purchased who will in turn arrange to return to manufacturer or his authorized agent. This equipment should not be used on party lines or coin telephone lines. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If equipment is determined to be malfunctioning, its use shall be discontinued until the problem has been corrected.

When you permanently disconnect this unit from your particular line, notify your local telephone company of such disconnection.

Limited Warranty Telephones

REPAIR OR REPLACEMENT

If your GTE Automatic Electric Telephone is found defective or fails because of a manufacturing defect within ninety (90) days of the date of original purchase, return it to the place of purchase and they will have the telephone repaired with new or rebuilt parts or replaced, at their option, at no-charge to you.

After the ninety (90) day warranty period has expired, but within one (1) year after original purchase, telephones will be repaired with new or rebuilt parts or replaced, at the option of GTE Automatic Electric, for a prepaid \$5.00 service charge, when mailed to the GTE Automatic Electric factory.

EXCLUSIONS & LIMITATIONS Your warranty does not cover:

- Damage by negligence, misuse or accident.
- Compatibility with the equipment of any particular telephone company.
- Modifications to the telephone to make it compatible with any particular telephone company.
- A defect that has been caused by modification or repair other than thru GTE Automatic Electric or its Authorized Agent.
- Damage to the product resulting from improper installation or operation.

WHO IS PROTECTED — WHERE?

This warranty applies only in the U.S.A. to you the original purchaser. If you move within the warranty period GTE

Automatic Electric or its agent will honor this warranty for the remainder of the original warranty period.

Legal Rights and Limits

ALL APPLICABLE IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, GIVEN TO YOU BY LAW ARE HEREBY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. UNDER NO CIRCUMSTANCES WILL GTE AUTOMATIC ELECTRIC BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long implied warranties last, or exclusion or limitations of incidental or consequential damages so exclusions or limitations mentioned may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Some components of the telephone furnished hereunder may be reconditioned. Such components are equivalent to new components in performance and are covered under Seller's warranty as set out above.

Purchaser's Responsibility

CARRY IN SERVICE

You must **deliver** your telephone for warranty service to the place of purchase or to an Authorized Agent or send it prepaid to an Authorized Agent or the GTE Automatic Electric factory.

PROOF OF PURCHASE

Proof of original purchase date (sales receipt or other evidence) **must** be presented or mailed with unit when requesting warranty service. If not, service will not be performed.

After Warranty Service

Out-of-Warranty repair of this product can be made by GTE Automatic Electric or its authorized agents. Repairs by GTE Automatic Electric will be made at a flat charge of \$12.00 for the rotary dial telephone, \$16.00 for the touch calling telephone, and \$21.00 for the push button with universal dialing keyset. We reserve the right to adjust the repair

charge as required.

Send your unit **PREPAID** with a check or money order to the GTE Automatic Electric Customer Service Department. **FCC REGULATIONS PERMIT REPAIR OF REGISTERED TELEPHONES ONLY BY THE MANUFACTURER OR HIS AUTHORIZED AGENTS.**

Please, before you deem your telephone inoperable, review all steps in the instruction booklet.

PUSH BUTTON PHONES

Two types of push button phones are available. If your telephone is equipped with a **UNIVERSAL DIALING KEYSET** it will be so labeled, and the last character in the FCC registration number is "R." The symbols "*" and "#" will not be marked on the extra buttons in the bottom row of the keyset. The unmarked buttons are not used on a phone equipped with a Universal Dialing Keyset. Telephones equipped with Universal Dialing Keysets signal the central office with pulses — just like regular dial telephones, **SO THEY DO NOT REQUIRE THAT YOUR TELEPHONE**

LINE BE EQUIPPED FOR TONE SERVICE.

Touch Calling phones also have push buttons, but they signal the central office with tones. **Touch Calling phones** carry an FCC registration number ending with a "T." **Touch Calling phones will not work on lines that are not specially** equipped to receive and process tone signalling.

If you have questions as to whether your line can accept tone signalling, contact your local telephone company.

Connection of Your Telephone

A desk telephone should be placed on a desk, table or shelf where it won't be accidentally pushed off. A desk telephone should be close enough to the jack to allow slack in the cord, so the plug and jack are not under tension.

CAUTION: Locations where the telephone is exposed to excessive heat or dampness should be avoided.

FCC regulations require that customer-owned telephones be connected with an approved plug and jack. The Starlite desk telephone is equipped with the standard miniature plug on the line cord. The Starlite wall telephone is equipped with a plug shell which protrudes from the base of the telephone. Both plugs will connect with the standard desk or wall jack outlets now being used by telephone operating companies.

If a pre-wired jack is not already available in the location in which you wish to install the telephone, jack installation will be made upon request to your local telephone company. The telephone company will make a charge for installing the jack and necessary wiring.

To connect the line cord plug to the desk telephone base, insert the plug into the socket on the bottom of the telephone base (Figure 1). Press the plug into the socket until a click is heard. Thread the line cord from the socket, from the slot to the edge of the telephone base.

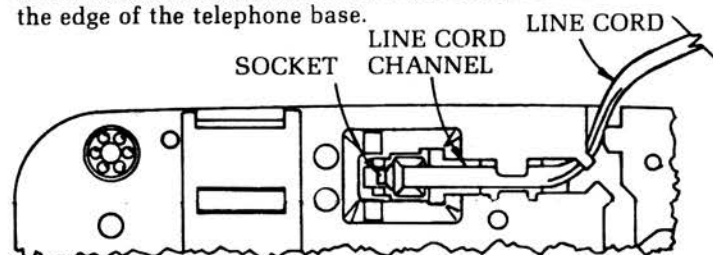


Figure 1. Connecting the line cord to the desk telephone.

To connect a desk telephone to an outlet, insert the plug in the jack outlet and press it until the locking tab "clicks." If an old-style four point telephone jack is in place, an adapter plug may be used to allow use of the new standard plug. Install the adapter in the old style jack and insert the plug on the line cord in the jack in the adapter.

Disconnection of Your Telephone

WARNING: WHEN DISCONNECTING A DESK TELEPHONE, THE PLUG SHOULD BE REMOVED FROM THE WALL CONNECTION FIRST. UNDER NO CIRCUMSTANCES SHOULD THE LINE CORD BE ALLOWED TO BE CONNECTED TO THE WALL WITH THE PLUG ON THE TELEPHONE END DISCONNECTED FROM THE TELEPHONE.

Maintenance

Care:

Plastic surfaces of the phone may be cleaned when necessary with a mild non-abrasive detergent solution. Use a damp (not wet) cloth. To avoid damage never use abrasives, strong cleaners or solvents to clean any part of the telephones or cords.

To connect a wall telephone to a wall jack outlet, align the plug shell and the mounting pin openings (located above and below the plug shell) with the jack outlet opening and the two mounting pins (Figure 2). Press the telephone into the wall so that the jack and plug are completely engaged. Now push in the lever on the lower right side of the telephone to engage the mounting pins with the holes on the base of the telephone. Pull the base downward and release the lever. Check to see that it returns to its outer position which will lock the telephone into the wall outlet (Figure 3).

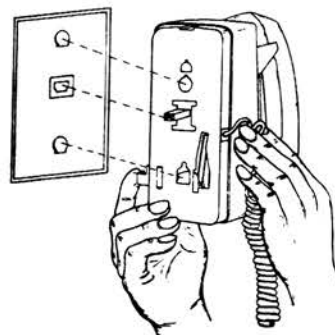


Figure 2. Alignment of Type 192B Telephone Baseplate With Wall Outlet.

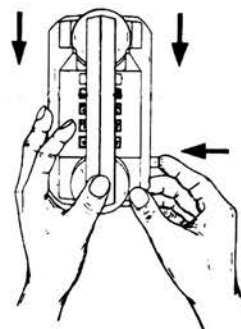


Figure 3. Engaging the Locking Pins into the Baseplate.

To disconnect a desk telephone depress the locking tab of the plug and pull to disengage the plug from the jack. These instructions may be repeated when removing the plug from the telephone base.

To disconnect a wall telephone, depress the latching lever while sliding the telephone upward. This will release the locking pins. Now pull the telephone away from the wall to disengage the plug and jack.

Line Cord Replacement:

In the event the line cord becomes soiled or damaged and you wish to replace it, you should obtain a GTE AE approved cord from the source from whom you purchased the telephone.

In case of troubles immediately after installation:

Problem:

No dial tone when handset is lifted. Phone is dead.

Touch Calling phone—can answer but cannot make calls.

Can make calls, but phone does not ring.

Rotary dial or push button with universal dialing keyset telephone can receive but cannot make calls and you have touch call service.

Likely Causes:

Plug disconnected from jack. Jack not properly wired. Line out of order.

Touch Calling phones cannot be used on all lines. Check with telephone company to learn if line will accept touch calling.

Your local telephone company may use different ringing methods. Check with the telephone company. Your GTE Telephone is designed for standard "Straight Line Bridged ringing."

Some telephone companies condition lines for touch call service only. Contact telephone company to have line arranged for both touch call and rotary dial service.

If problems with your telephone service occur later, try to determine if the trouble is with telephones which you own or with telephone company equipment. Disconnect all telephones except for the telephone company units. If the trouble persists, advise the telephone company. If

disconnection of your equipment ends the problem, your extension telephone may be the source of trouble and it should be tested and repaired if necessary before it is reconnected.

Radio-Frequency-Interference

This telephone generates and uses low-level Radio-Frequency (RF) energy. This telephone complies with FCC Part 15, Subpart J for Class B computing devices. If not used in strict accordance with the manufacturer's instructions, this telephone can cause interference to radio and/or television reception. The Radio-Frequency Interference (RFI) may occur within any of the telephone components or in a line connection external to the telephone. To determine whether RFI is external or internal, refer to the 471-150 subdivision of GTE Practices and perform the test procedures.

In the event that such interference does occur, the following action should be taken:

- (a) Make certain this telephone is the source of Radio-Frequency Interference (RFI). To do so, proceed as follows:
- (1) If applicable, disconnect from the source of ac power.
 - (2) If RFI is still present, disconnect the telephone from the telephone line. If interference is still present, this telephone is not the RFI source.

(b) If either of the above does stop the interference, proceed as follows:

- (1) Reorient the receiving antenna on the radio or television receiving RFI.
- (2) Relocate this telephone relative to the radio or television receiving RFI.
- (3) Plug this telephone and/or the radio or television being interfered with into a different ac wall outlet.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems."

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

GTE AUTOMATIC ELECTRIC

Customer Service Department
P. O. Box 4148
Huntsville, Alabama 35803
1-800-633-2076 (Toll-free)

CI-473-202-182
ISSUE 7