



ISDN 8510T Voice Terminal
Instructions for Changing the EPROM

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IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment and installing this D-Kit, the following safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons.

- Read and understand all instructions.
- Follow all warnings and instructions marked on the telephone.
- To reduce the risk of electrical shock, disconnect all cords before opening the telephone to install this D-Kit.
- This telephone can be hazardous if immersed in water. To avoid the possibility of electrical shock, do not use the telephone while you are in the bathtub or shower, or when you are wet. If you accidentally drop the telephone into water, do not retrieve it until you have first unplugged the line cord from the modular wall jack. Do not reconnect the telephone until it has dried thoroughly.
- Avoid using the telephone during electrical storms in your immediate area. There is a remote risk of electric shock from lightning. Urgent calls should be brief. Even though protective measures may have been installed to limit electrical surges from entering your home or business, absolute protection from lightning is impossible.
- If you suspect a natural gas leak, report it immediately, but use a telephone away from the area in question. The telephone's electrical contacts could generate a tiny spark. While unlikely, it is possible that this spark could ignite heavy concentrations of gas.
- Never push objects of any kind into the telephone through housing slots since they may touch hazardous voltage points or short out parts that could result in a risk of electric shock. Never spill liquid of any kind on the telephone. If liquid is spilled, however, refer servicing to proper service personnel.
- Slots and openings in the housing and the back or bottom of the telephone 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 telephone on a sofa, rug, or other similar surface. This product should not be placed in a built-in installation unless proper ventilation is provided.
- The telephone 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 being used, contact a qualified service person.
- 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.
- Do not overload the AC wall outlets and extension cords as this can result in risk of fire or electric shock.

- Before cleaning, unplug the telephone from the modular wall jack. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Unplug the telephone from the modular wall jack and refer servicing to qualified service personnel when these conditions exist:
 - When the power supply cord or plug is damaged or frayed.
 - If liquid has been spilled into the telephone.
 - If the telephone has been exposed to rain or water.
 - If the telephone has been dropped or the housing has been damaged.
 - If you note a distinct change in the performance of the telephone.
- If the telephone does not operate normally by following the operating instructions, adjust only those controls described in the User's Manual. Do not attempt to adjust any other controls since doing so may result in damage to the telephone and will require extensive work by a qualified technician to restore the telephone to normal operation.

SAVE THESE INSTRUCTIONS

When you see this warning symbol on the product, refer to the instructions booklet packed with the product for information before proceeding.

The ISDN 8510T Voice Terminal Firmware

If it becomes necessary to update the firmware cartridge in the bottom of the 8510T voice terminal, use the following procedures.

Removing the Voice Terminal from Operation

If the voice terminal is in operation, you must disconnect the line and adjunct cords before you can change the EPROM board. See **Figure 1** for the location of the jacks, cords and routing channels.

- 1 Pick up the handset (you can leave it connected to the voice terminal) and lay it aside.
- 2 Turn the voice terminal over and disconnect the line cord from the Line jack and the cord of any adjunct equipment from the Adjunct jack. You can leave the cables in the routing channels.

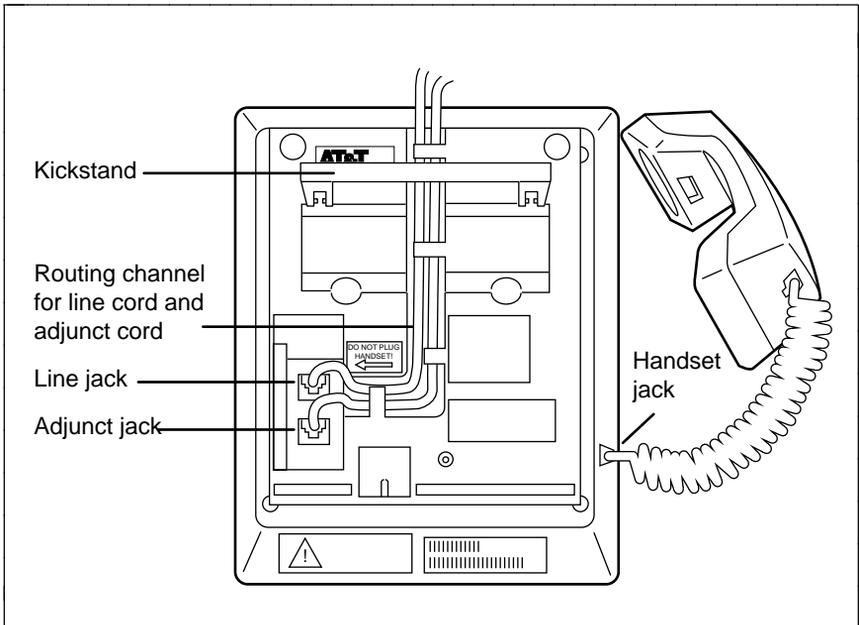


FIGURE 1 Line, Adjunct, and Handset Cord Routing for Desktop Installation

Removing the Voice Terminal Stand

Before you can remove and install an EPROM board, you must remove the voice terminal desktop stand from the bottom of the voice terminal. To remove the stand, follow these directions.

- 1 Place the voice terminal face down on a flat surface. The Bar Code label on the bottom of the set should be toward you.
- 2 Remove the screw on the lower center of the stand. See **Figure 2** for the location of the screw.
- 3 Remove the desktop stand attached to the base of the voice terminal by tabs on the top and bottom of the stand. (See **Figure 2**).
 - Slowly rotate the bottom of the desktop stand up toward the top of the voice terminal.
 - Then carefully lift the upper tab on the top of the stand out of the upper tab slot.

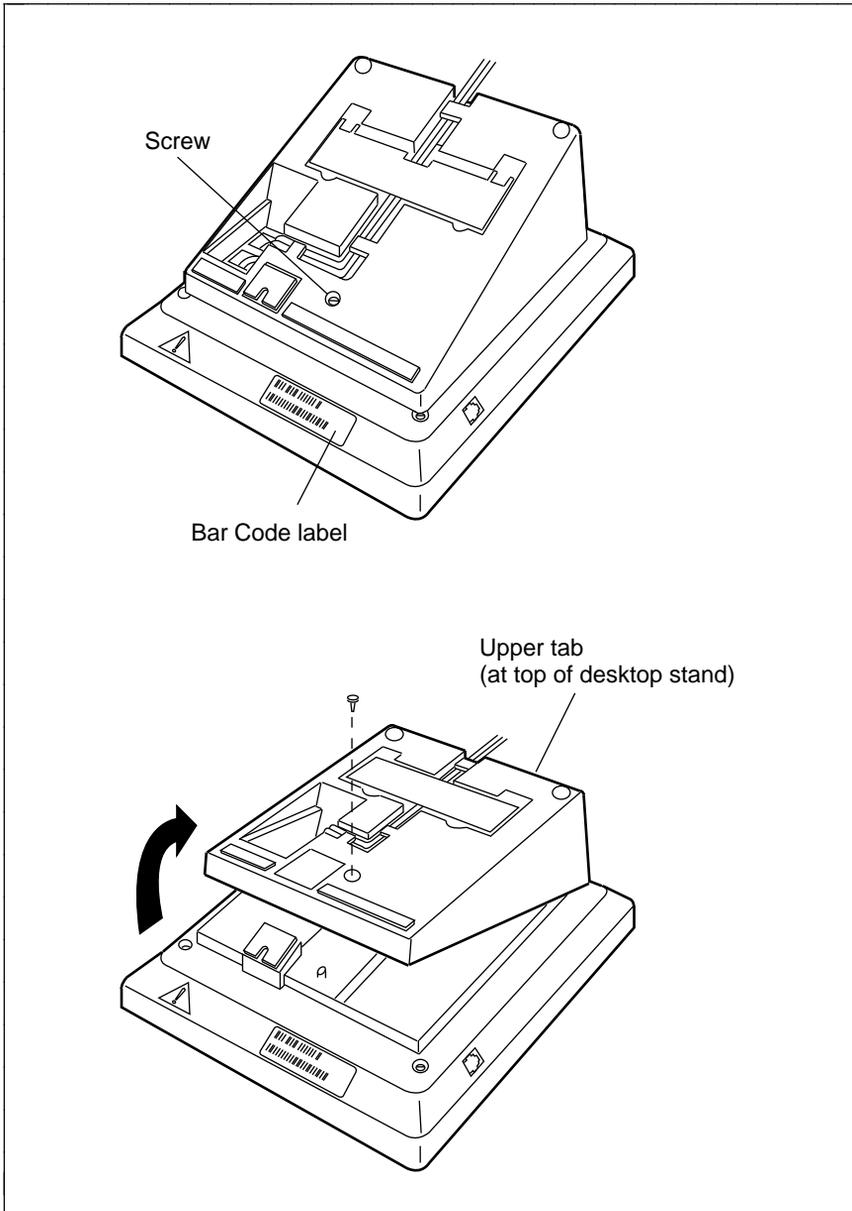


FIGURE 2 Removing the Voice Terminal Desktop Stand

Changing the EPROM Board

The EPROM board is located near the top center of the base of the voice terminal. See **Figure 3** for the location of this board. Use the following directions to remove the present EPROM board and install the new one.

- 1 To remove the old EPROM, take the EPROM board between your thumb and forefinger and pull up on the board.
- 2 To install the new EPROM board:
 - Orient the new EPROM board, as shown in **Figure 3**, with the 48-pin connector facing down.
 - Line up the 48-pin connector on the new EPROM board with the 48-pin connector on the bottom of the voice terminal.
 - Slowly lower the new EPROM board until the two 48-pin connectors fit together.
 - Gently push down on the EPROM board until it is secure and snaps in place.

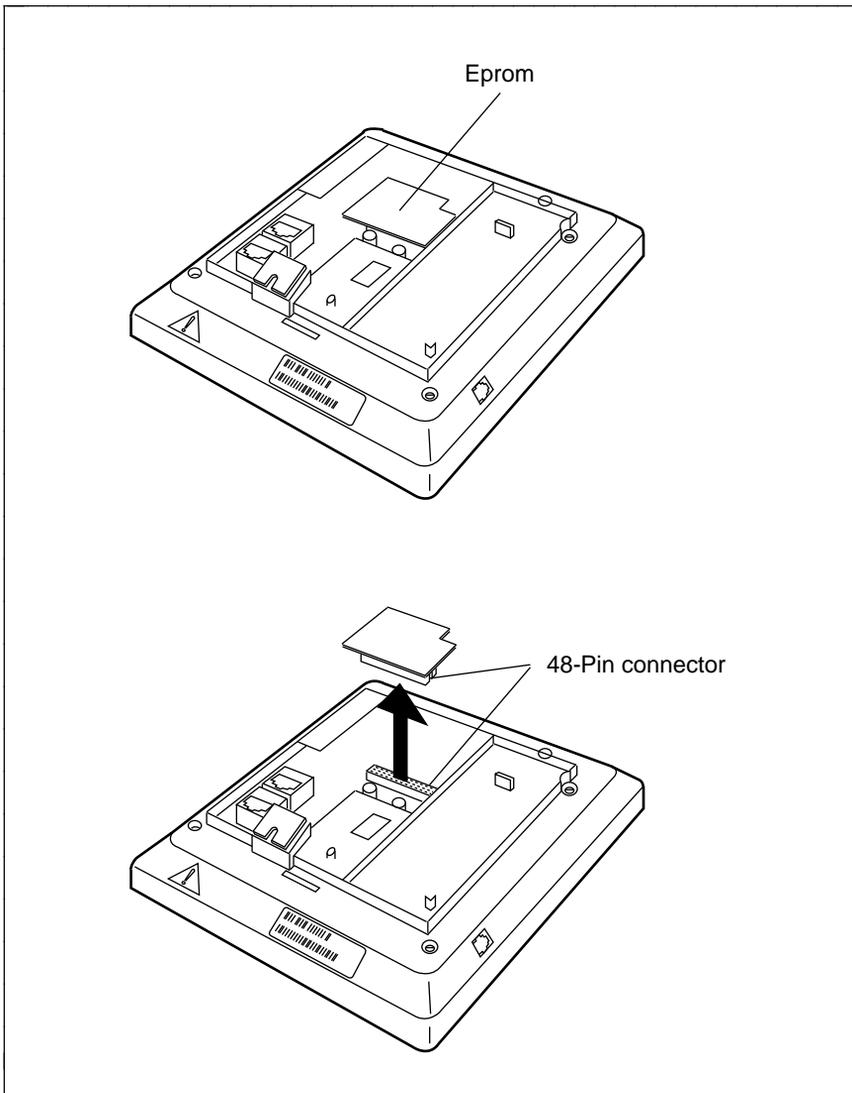


FIGURE 3 Changing the EPROM board on the 8510T Voice Terminal

Reinstalling the Desktop Stand

- 1 Replace the desktop stand by placing the upper desktop stand tab in the voice terminal slot at the top of the voice terminal and make sure the stand is oriented as in **Figure 2**.
- 2 Slowly rotate the desktop stand down until the tab at the bottom of the desktop stand fits into the slot on the bottom part of the voice terminal.
- 3 Replace the screw in the hole from which you removed it. See **Figure 2**.

Connecting the 8510T to the System

Next, reconnect the cords of the 8510T voice terminal.

- 1 Plug in the line cord into the Line jack, and plug in the adjunct cord into the Adjunct cord, if necessary.
- 2 Turn the voice terminal right side up, with the front facing you.
- 3 Decide whether you want the kickstand up, lifted from the desktop stand, or whether you want the kickstand down, level with the desktop stand. Check which of these kickstand adjustments allows you the best viewing angle of the display.
- 4 Snap the free end of the line cord into the modular jack. Lift the handset and listen for the dial tone.