

**Lucent Technologies**  
Bell Labs Innovations



**CIB 3063**  
General Purpose Adapter

CIB 3063  
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# CIB 3063

## General Purpose Adapter

The General Purpose Adapter (Figure 1) allows you to connect most types of telephone and data devices to your communications system. The adapter is compatible with all models of the MERLIN® Communications System and supports the following touch-tone equipment: modems, facsimile machines, automatic dialers, basic and cordless telephones, and transaction telephones.

The adapter also supports automatic answering devices (such as answering machines and modems) and industry standard, line-powered alerts if you have a MERLIN Model 1030 or 3070, MERLIN Plus, or a MERLIN II system.

The General Purpose Adapter provides the capability to have simultaneous voice and data service if you have a MERLIN Model 1030 or 3070 with Feature Module 4, MERLIN Model 1030 or 3070 with Feature Module 5, or a MERLIN II system.

**NOTE:** In order for a voice terminal to use the simultaneous voice and data feature with a MERLIN II system, the system administrator must assign the voice terminal two consecutive station jacks on the control unit. This requires special wiring. For further information, refer to your *MERLIN II System Manual*, Section 6, "Simultaneous Voice and Data Calls."

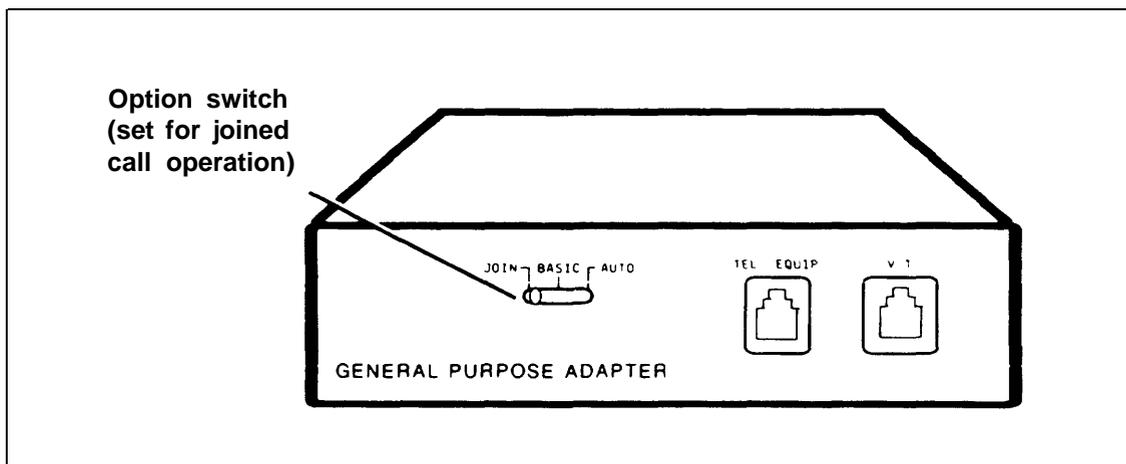


FIGURE 1 General Purpose Adapter

Your General Purpose Adapter comes with the following components:

- 4-foot (D8AC) modular cord
- Hardware kit (D181513) for mounting the adapter

# Installing the General Purpose Adapter

## CHOOSING A LOCATION

- 1 Choose a location for your General Purpose Adapter not more than four feet from your voice terminal. If the adapter is more than four feet from your voice terminal, you will have to order a longer (14-foot) modular cord.
- 2 Choose a location for the telephone or data device not more than 25 feet from the General Purpose Adapter. Make sure the cord supplied with the telephone or data device is long enough to reach to the General Purpose Adapter.

## MOUNTING THE GENERAL PURPOSE ADAPTER

Unpack the hardware kit provided for table top and wall mounting your General Purpose Adapter. Separate instructions follow for each installation. The kit includes the following items:

- Four rubber feet
- Mounting plate
- Two strips of double-sided tape
- Two screws
- Two anchors

### Table Top Assembly

For this installation you will need the four rubber feet from the hardware kit.

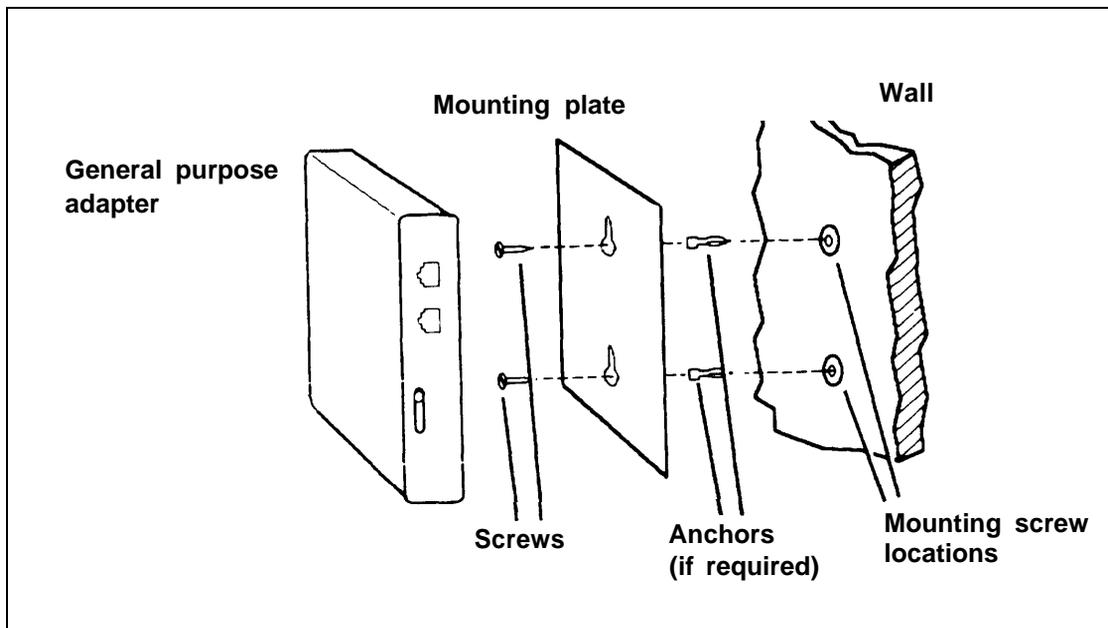
- 1 Remove the four rubber feet from the sheet to which they are attached.
- 2 Affix one rubber foot to each corner on the bottom of the adapter.

### Wall Mount Assembly

For this installation you will need the following items from the hardware kit: mounting plate, two strips of double-sided tape, two screws, and two anchors.

**NOTE:** Be sure that all mounting surfaces are clean and dry before wall-mounting your General Purpose Adapter.

- 1 Select a mounting location for your adapter which is as large as the mounting plate (Figure 2).



**FIGURE 2 Wall Mount installation**

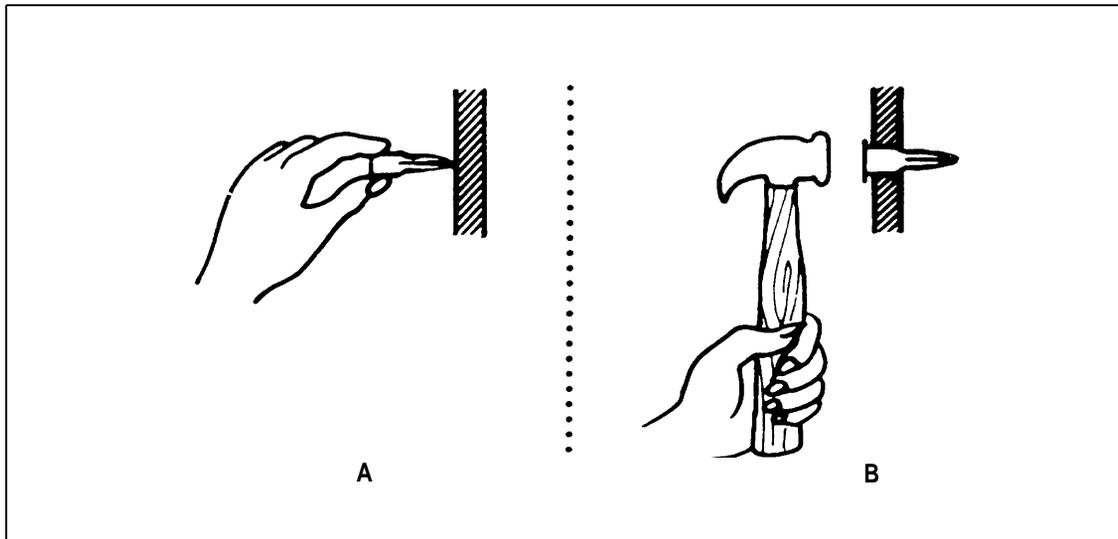
- 2 Holding the mounting plate level, place it against the mounting location on the wall.
- 3 Using a pencil or a sharp object, mark the two mounting screw locations (Figure 2).
- 4 Follow the instructions below for the type of surface you have selected for mounting the General Purpose Adapter.

**For plywood walls or walls with a sturdy supporting structure (wood studs or cross members):**

- A Insert one of the screws provided (Figure 2) into the upper hole in the mounting plate and partially thread it into the wall.
- B Insert the remaining screw into the lower screw hole and partially thread it into the wall.
- C Continue with the instructions in Step 5.

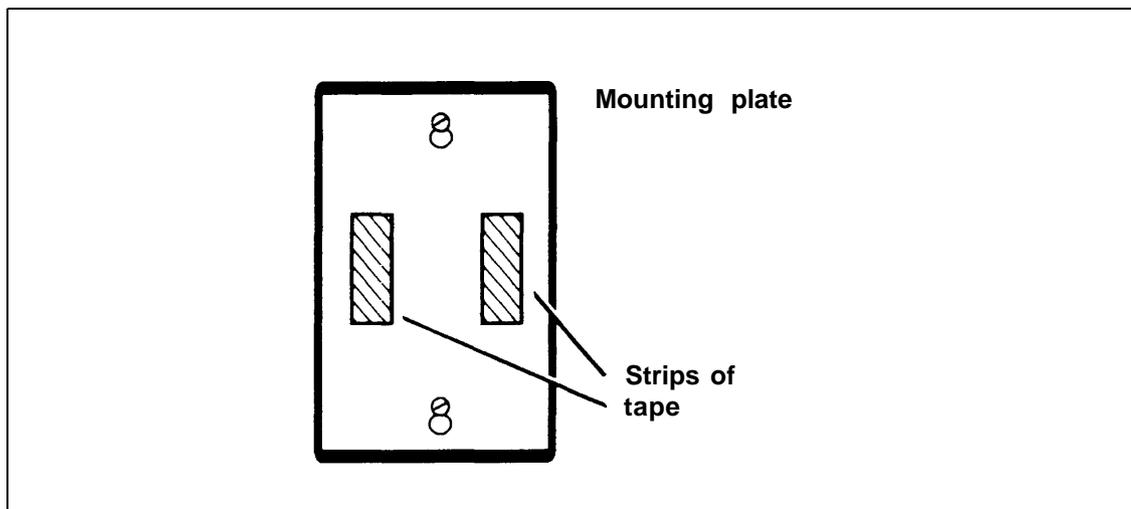
**For plaster or plasterboard (hollow) walls and cinder block or brick surfaces:**

- A Using a 3/16" drill bit, drill a hole at each of the two previously marked mounting screw locations on the wall.
- B Insert one anchor into each of the holes (Figure 3A). Gently tap each anchor with a hammer until it is flush with the wall (Figure 3B).



**FIGURE 3** Installing Anchors

- C Align the screw holes in the mounting plate with the anchors.
  - D Insert one of the screws provided (Figure 2) into the upper hole in the mounting plate and partially thread it into the anchor. Insert the remaining screw into the lower screw hole and partially thread it into the anchor.
  - E Continue with the instructions in Step 5.
- 5 Tighten both screws. Then loosen them so you will be able to remove the mounting plate at a later date if necessary.
  - 6 Locate one strip of double-sided tape and remove the protective paper liner from one side.  
**NOTE:** Avoid touching the sticky surface of the tape.
  - 7 Affix the tape's sticky side to the center of the left edge of the mounting plate (Figure 4).



**FIGURE 4** Affixing the Double-Sided Tape

- 8 Locate the second strip of tape and remove the protective paper liner from one side.
- 9 Affix the tape's sticky side to the center of the right edge of the mounting plate (Figure 4).
- 10 Remove the paper liners from the strips of tape attached to the mounting plate.
- 11 Position the adapter so the jacks are on its right side (Figure 2).
- 12 Hold the adapter level, and press it against the tape attached to the mounting plate.

### **CONNECTING THE GENERAL PURPOSE ADAPTER**

- 1 Plug one end of the modular cord (provided) into the jack labeled **V.T.** (voice terminal) on the adapter (Figure 5).

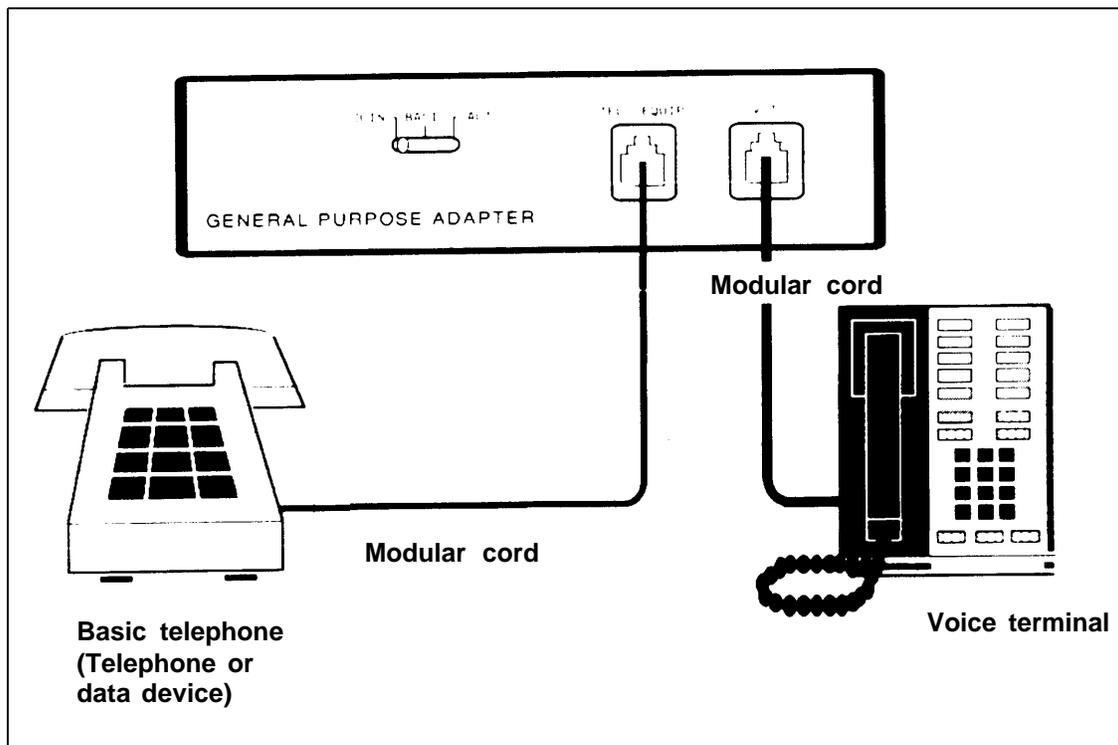


FIGURE 5 General Purpose Adapter Installation

- 2 Plus the other end of the modular cord into the jack labeled **Other** on the bottom of your voice terminal.
- 3 Plug the modular cord from the telephone or data device into the jack labeled **Tel. Equip.** on the adapter (Figure 5).

**NOTE:** After connecting the adapter, leave undisturbed for 24 hours to allow the tape's adhesive to cure properly.

## Selecting a Mode of Operation

- 1 Using the operation definitions below as a guideline, select the switch position (labeled **Join**, **Basic**, or **Auto** on the adapter) required for operating your telephone or data equipment.

**NOTE:** Make sure that you select a switch position that is compatible with your MERLIN system.

<b>Switch Position</b>	<b>Compatible MERLIN systems</b>	<b>Use this switch position to:</b>
Join	All models	Join a call already in progress on your voice terminal using a device such as a telephone or recording machine.
Basic	All models	Originate calls with your telephone or data device. You may answer incoming calls using your telephone or data device. However, alerting rings for incoming calls ring only at your voice terminal, not the telephone or data device.
Automatic	Model 1030 and 3070 MERLIN Plus MERLIN II	Activate automatic answering devices and industry standard, line-powered alerts. Before operating these devices, program an Auto Answer-All feature button. This will allow you to set the devices to go on automatically when you receive ringing calls. Use the following programming instructions titled "Automatic Answering Equipment."
	Model 1030 and 3070 With Feature Module 4 or With Feature Module 5	Provide simultaneous voice and data service. Before operating the connected device, program your voice terminal by using the following programming instructions titled "Simultaneous Voice and Data Service."
	MERLIN II	Provide simultaneous voice and data service. This feature requires special wiring and system administration. Refer to your <i>MERLIN II System Manual</i> , Section 6, "Simultaneous Voice and Data Calls."

- 2 Slide the three-position option switch to the selected mode of operation (Figure 1).

# Programming Automatic Operation

Programming procedures are necessary only if you have selected the automatic option.

## **AUTOMATIC ANSWERING EQUIPMENT**

If you have an automatic answering device (e.g., modem or answering machine) or an industry standard, line-powered alert connected to your voice terminal, program an Auto Answer-Outside or Auto Answer-All button so you can set your answering equipment or line-powered alert to go on automatically when you receive ringing calls. **Program this feature on a button with lights.**

- 1 Slide the T/P (Test/Program) switch on your voice terminal toward you to the *P* (program) position.
- 2 Touch the button to be programmed.
- 3 Dial \*75.
- 4 Return the T/P switch to the center position.
- 5 Touch the Auto Answer-Outside or Auto Answer-All button to have calls answered automatically.  
*(The green light next to the button goes on.)*
- 6 Touch the Auto Answer-Outside or Auto Answer-All button again to go back to answering calls yourself.  
*(The green light next to the button goes off.)*

## **SIMULTANEOUS VOICE AND DATA SERVICE**

In order for a voice terminal to use the simultaneous voice and data feature with a MERLIN II system, the system administrator must assign the voice terminal two consecutive station jacks on the control unit. This requires special wiring. For further information, refer to your *MERLIN II System Manual*, Section 6, "Simultaneous Voice and Data Calls."

If you have a Model 1030 or 3070 with Feature Module 4 or Feature Module 5, use the following instructions to program your voice terminal so you can make voice and data calls at the same time.

- 1 Slide the T/P (Test/Program) switch toward you to the *P* (program) position.
- 2 Touch the **Message** button.  
*(The green light next to the Message button goes on.)*
- 3 Return the T/P switch to the center position.  
*(The green light next to the button goes off unless you have a message waiting.)*

To deactivate simultaneous voice and data service:

- 1 Slide the T/P switch to the *P* position.  
*(The green light next to the button goes on.)*
- 2 Touch the **Message** button.  
*(The green light next to the button goes off.)*
- 3 Slide the T/P switch to the center position.

**NOTE:** Be sure to deactivate simultaneous voice and data service when removing the General Purpose Adapter from your voice terminal.