



# **PARTNER™ Plus Door Phone**

Installation and Operation Manual

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PARTNER Plus Door Phone is a registered trademark of AT&T.

### **Notice**

Every effort was made to ensure that the information in this manual was complete and accurate at the time of printing. However, information is subject to change.

### **Compatibility**

The PARTNER™ Plus Door Phone is recommended for a PARTNER™ Plus business telephone system.

### **Warranty Information**

AT&T provides a limited warranty to this product. Refer to "Warranty Information" in Appendix A.

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# System Overview

# 1

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# Your PARTNER™ Plus Door Phone

*The PARTNER™ Plus Door Phone can ring up to 5 telephone extensions.*

The PARTNER™ Plus Door Phone is a low cost, hands-free door phone unit designed specifically to communicate with the PARTNER™ Plus telephone system.

Your PARTNER™ Plus Door Phone operates within a weather resistant enclosure ideal for indoor as well as outdoor applications. Once installed, persons within your office or building can speak directly with outside visitors.

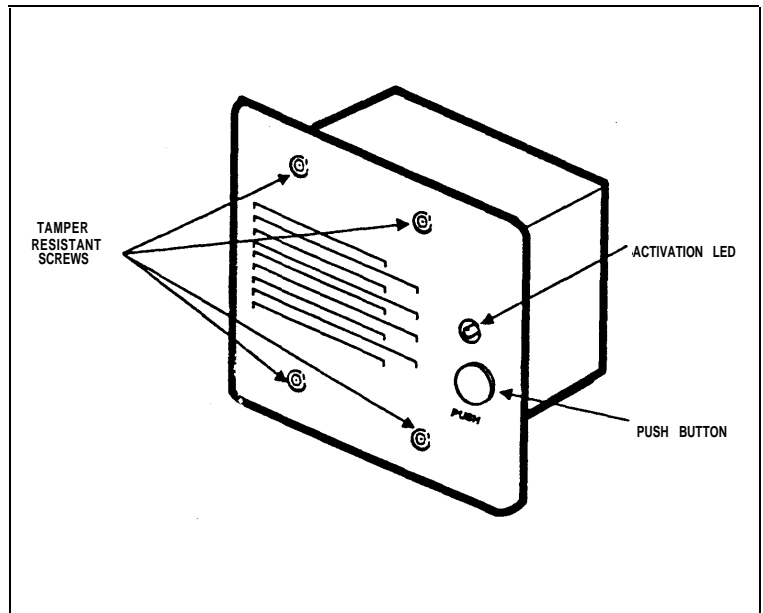


Figure 1-1. Front View of PARTNER™ Plus Door Phone

# Features

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Your PARTNER™ Plus Door Phone has the following features:

- Push Button – to initiate signaling
- LED – lights up to indicate activation
- Two-way hands-free voice communication
- Silent monitor capability
- Volume Control – adjusts speaker volume
- No external power required
- Stainless steel faceplate with tamper resistant hardware
- Weather resistant enclosure
- VOX circuit - to turn unit off with lack of voice activity.

# Operation

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*The jumper plug on the back panel of the PARTNER™ Plus Door Speaker (see Figure 2-6) must be in the RINGDOWN position for proper operation.*

The activation of the PARTNER™ Plus Door Phone's push button will cause the telephone system to dial the numbers of up to 5 telephone stations (programmed in the PARTNER™ Plus telephone system). When the telephone is answered, there is direct two-way communications with the outside visitor. When the Partner Door Phone push button is pressed by a visitor, the light on the face plate will go on, the door phone will go off-hook, and the PARTNER™ Plus will respond with a “pin pong” tone and dial the extension which has been programmed. Upon hearing the ringing extension, the person inside the building picks up the telephone receiver and is in direct contact with the door phone. To contact the door phone from within the building, simply dial the programmed Door Phone extension number.

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# The VOX Operation

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*When the VOX circuit detects silence from the telephone extension for more than 24 seconds (nominal). The PARTNER™ Plus Door Phone will disconnect.*

The PARTNER™ Plus Door Phone is equipped with a VOX (voice activated switch) circuit. This feature is provided to automatically drop communications to the door speaker when there is no talking detected from the telephone extension within the building. Visitors talking into the door speaker will not affect the VOX circuit.

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# General Installation Procedure

## 2

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# Overview

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*Mounting the PARTNER™ Plus Door Phone along with installing the necessary wiring, i.e., installation of double-gang electrical boxes, running of conduit, cutting through walls, etc., should be conducted by persons with appropriate technical skills; we highly recommended installation be provided by a licensed electrician. Install per National Electrical Code and any applicable local codes.*

This section provides information for installing the Partner Door Phone to a solid (surface mount) or non-solid (flush mount) surface. In addition, this section provides instructions for properly configuring the PARTNER™ Plus Door Phone unit.

## What Does PARTNER™ Plus Door Phone Include?

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Your Partner Door Phone shipping box contains:

- Door answer speaker unit
- Faceplate (steel)
- Weather proof double-gang outdoor electrical outlet box, and surface mounting hardware (screws and brackets)
- Gasket
- Tamper resistant (face plate) mounting screws
- Tamper resistant mounting screw tool
- This instruction booklet

## Tools (not supplied)

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The following tools are not supplied:

- Set of screwdrivers
- Wire stripper/cutter
- Pipe cutting and bending tools for conduit (exterior wall installations)
- Power drill and bits
- Saw (for cutting drywall and wood)

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## Equipment (not supplied)

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The following equipment is not supplied:

- Steel double-gang **indoor** electrical outlet box (flush-mount installations)
- 24 gauge twisted pair telephone cable
- B-type wire connectors (for splicing wires)
- Wall mounting anchors

## Before You Begin

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When determining the best location for mounting the PARTNER™ Plus Door Phone unit outside your office or building, you should consider the following points first:

- The unit should be mounted close to the door where it can be located and accessed easily.
- Is the wall which has been selected for mounting the PARTNER™ Plus Door Phone unit solid (concrete, brick, stone, etc.)? If so, the unit is more easily surface mounted in the provided outdoor-type electrical box with conduit used outdoors to run the wires connected to the Partner Door Phone unit (refer to Surface Mount Wall Installation in this section). If the wall is not solid, the Partner Door Phone unit can be flush mounted in an indoor-type electrical box, with the wires running inside the wall (refer to Flush Mount Wall Installation).
- Will the location you have selected-for installation, provide for the simplest routing of wires or conduit (if necessary)?
- Does the PARTNER™ PLUS telephone system have available station ports to interface with the PARTNER™ Plus Door phone?

# Mounting Considerations

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The first step when installing the PARTNER™ Plus Door Phone is to determine where it will be mounted, how the wires will be routed, and what other optional equipment, such as an auxiliary alert device, will be installed. See Figure 2-1 for an example of a small business configuration.

The PARTNER™ Plus Door Phone can be mounted to virtually any type of surface or wall. Those surfaces that are too hard or difficult to cut through require the unit to be surface mounted (device installed so it is completely external to the wall surface). Wall surfaces such as wood or drywall often are hollow and allow wiring to be run within the wall. Mounting the PARTNER™ Plus Door Phone unit to non-solid surfaces is often preferred because the unit can be flush mounted so only the face plate is exposed. Refer to Figures 2-2 and 2-3 for surface-mount and flush-mount double-gang outlet box installations.

## Mounting Tips

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There are two surface mount methods to secure the PARTNER™ Plus Door Phone gang box to a wall. The first method utilizes mounting brackets. The gang box mounting brackets (included) can be screwed to the gang box back plate so they protrude out the sides of the gang box. Using the appropriate screws (depending on the material the wall is made of), position the screws through the bracket holes and using a screwdriver secure the gang box to the wall surface (see Figure 2-2).

Another method to attach the gang box to the surface of a wall, which is more secure and provides an aesthetically pleasing look, is to drill mounting holes (4) directly into the back of the gang box. Using the appropriate screws (depending on the material the wall surface is made of) position the screws through the inside of the gang box and using a screwdriver secure the gang box to the wall (see Figure 2-2).

*For some wall surfaces, such as drywall, plastic wall anchors may need to be driven into the wall surface to secure the mounting screws.*

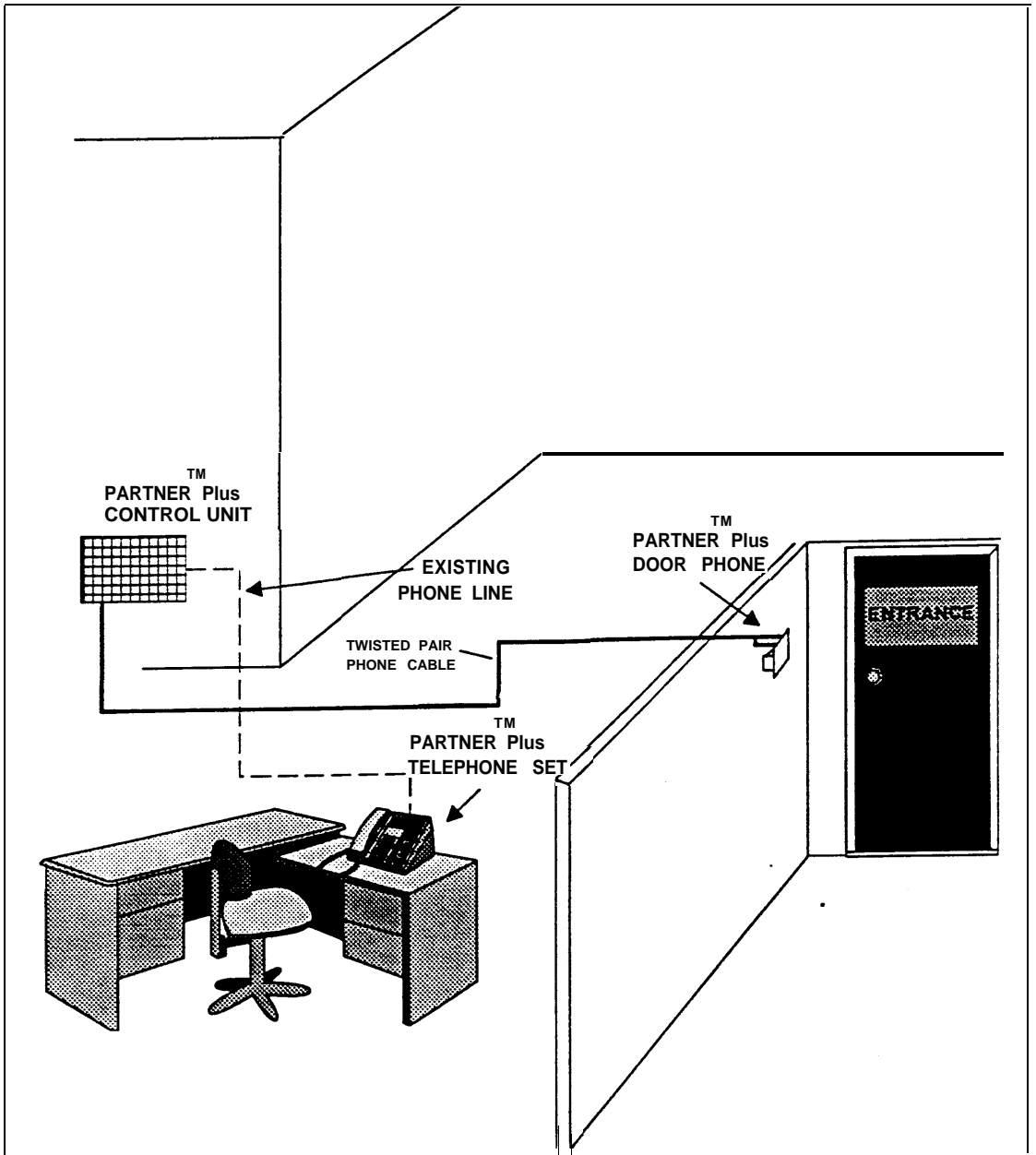


Figure 2-1. Typical Business Installation

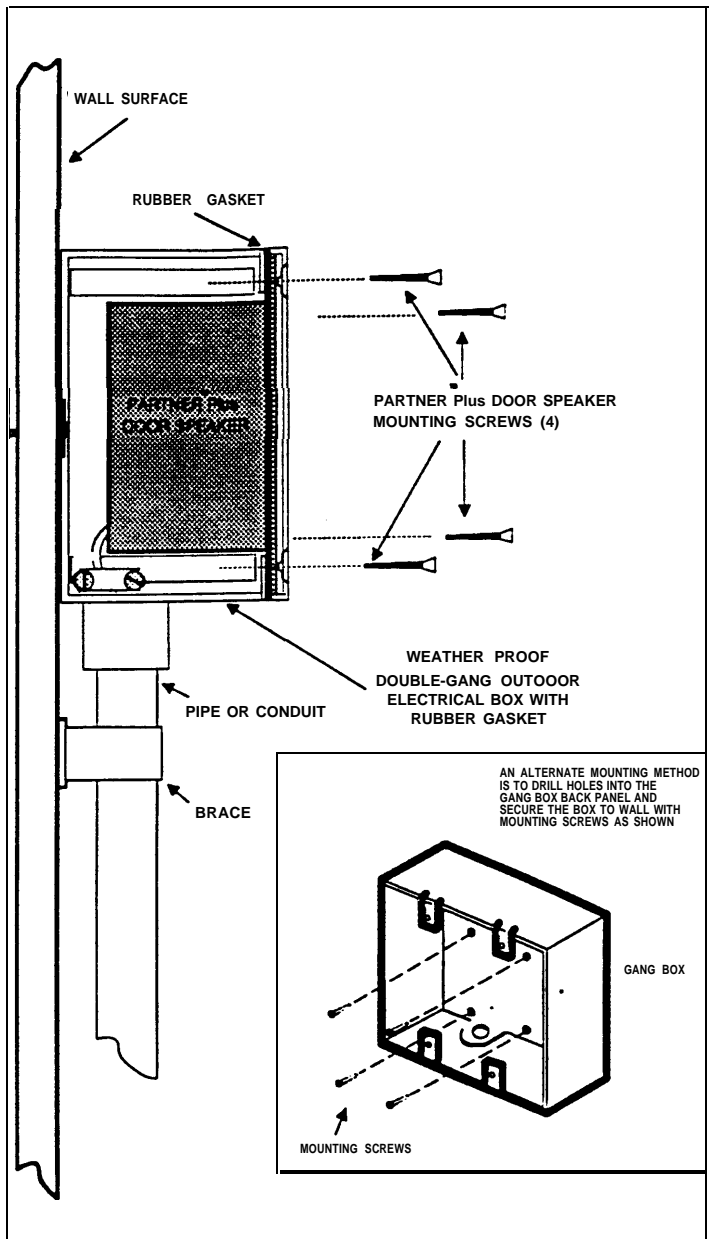


Figure 2-2. Surface Mount Installation

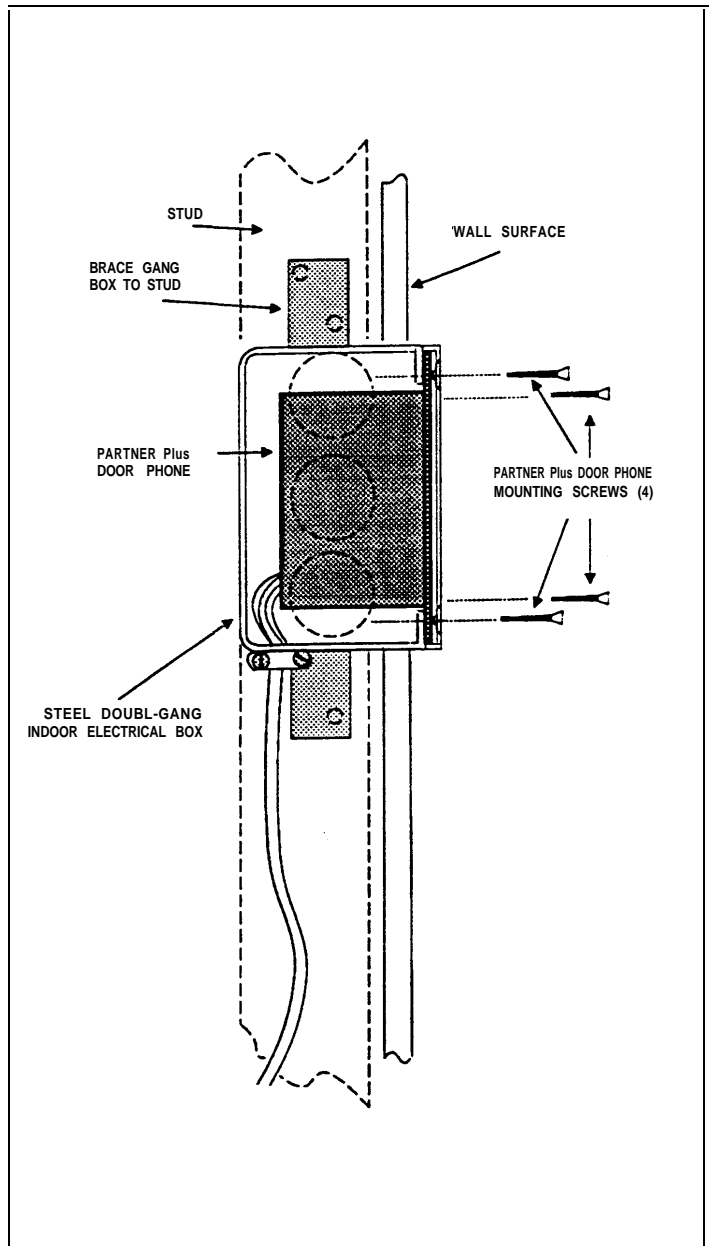


Figure 2-3. Flush Mount Installation

# Connections to the PARTNER™ Plus Door Phone

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The PARTNER™ Plus Door Phone back panel has two sets of terminals; one set is labeled ALERT the other labeled TIP/RING (refer to Figure 2-6). The TIP/RING terminals connect to your PARTNER™ Plus telephone system and must use twisted pair phone wire. See Figure 2-4 for wiring diagram. Follow the steps below:

*Check National Electrical Code and applicable local codes and ordinances for exact wiring requirements for your area.*

*Keep track of which colored wire is connected to which device.*

1. Run the twisted pair phone wires from the PARTNER™ Plus control unit to the installed double-gang electrical box.
2. Route wires through conduit (if necessary) and feed into double-gang outlet box. See Figure 2-5.
3. Cut wires, leaving at least six (6) extra inches for connection to PARTNER™ Plus Door Phone Terminal strip.
4. Strip approximately 1/2 inch off one end of each of the four wires.
5. Loosen each of the terminal block screws and insert exposed wire ends into appropriate terminal block locations. Tighten terminal block screws (see Figure 2-6). Ensure wire connections are correct before continuing.
6. Place the jumper plug in the position shown in Figure 2-6 (factory default setting). Program your PARTNER™ Plus telephone system for the phone number(s) to be called when the PARTNER™ Plus Door Phone goes off-hook.
7. Connect the PARTNER™ Plus Door Phone wires to the designated station port on the PARTNER™ Plus system.
8. Test the system by having an assistant call the designated extension number of the PARTNER™ Plus Door Phone. Adjust the speaker volume (Figure 2-7) to an appropriate level.
9. Secure PARTNER™ Plus Door Phone and faceplate to double-gang outlet box with four mounting screws (included) as shown in Figure 2-7.

*Check National Electrical Code and applicable local codes and ordinances for exact wiring requirements for your area.*

*Total length of wire is not to exceed 1500 feet.*

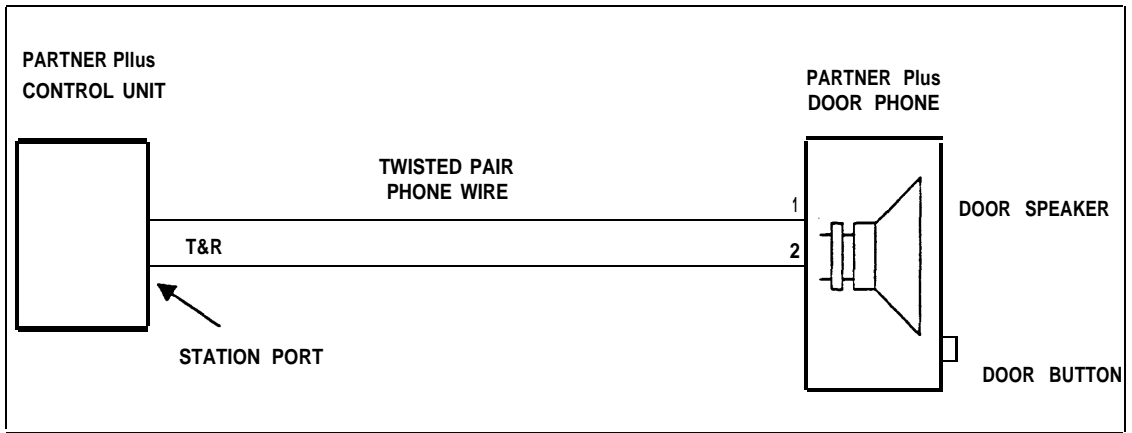


Figure 2-4. PARTNER™ Plus Wiring Diagram

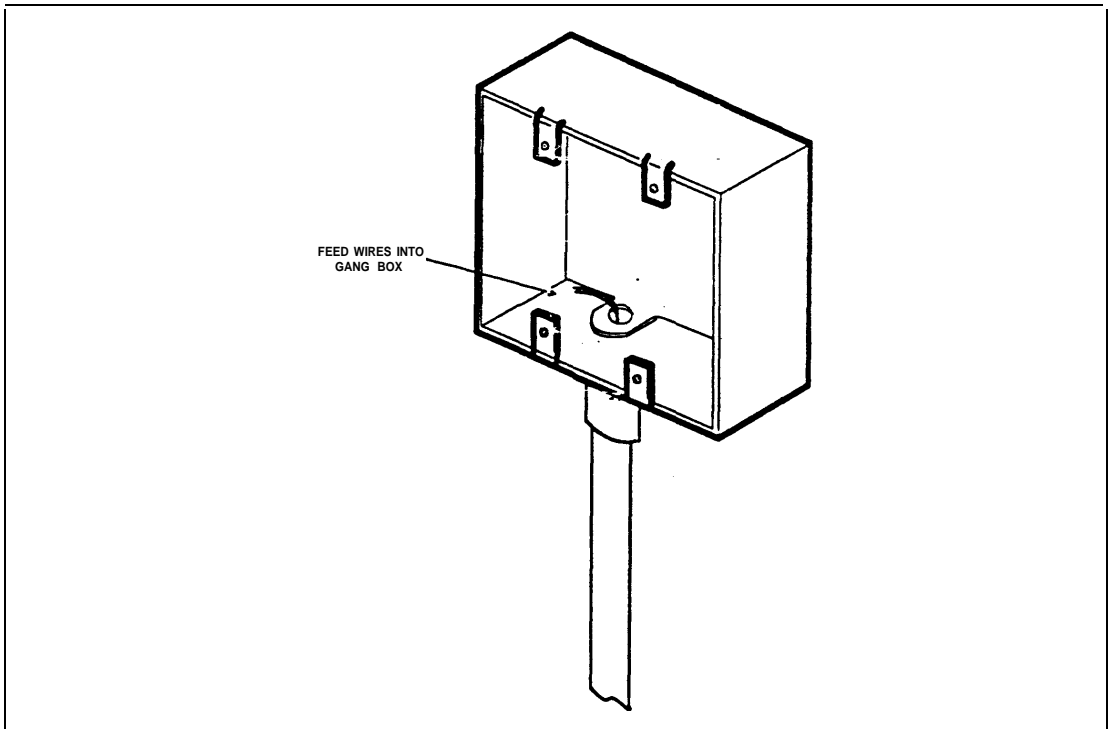


Figure 2-5. Feed Wires Into Gang Box



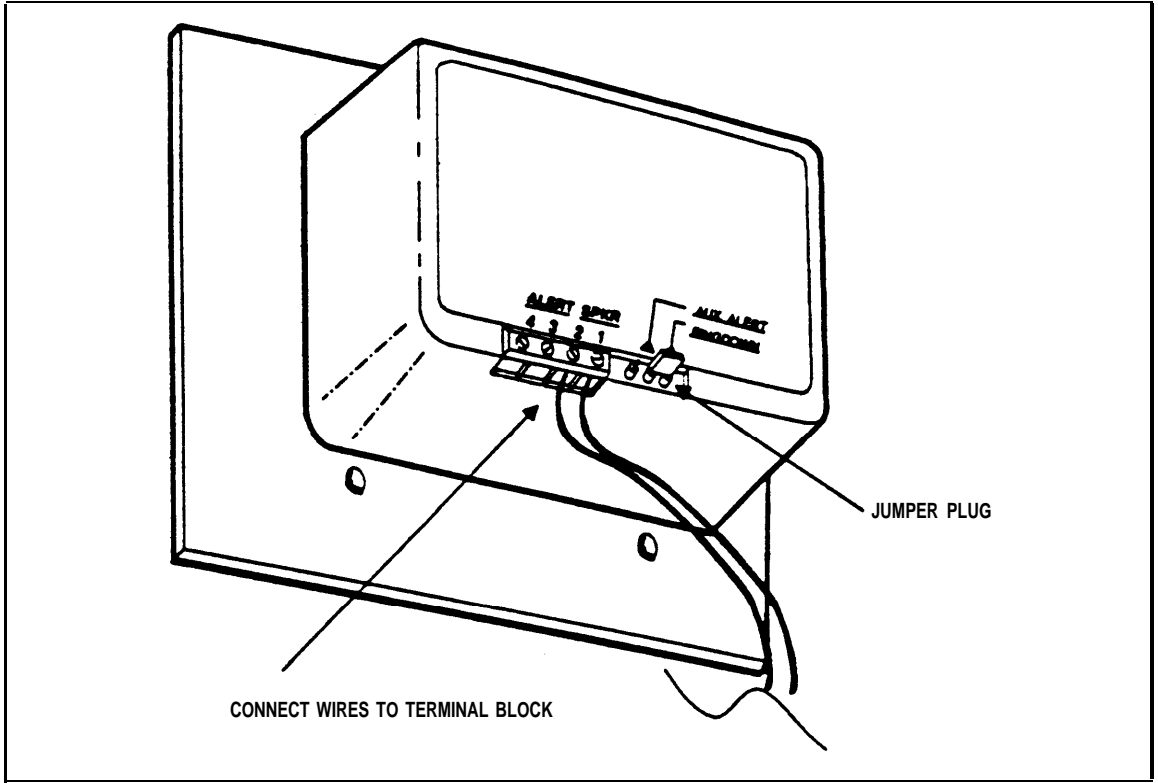


Figure 2-6. Connect Wires to PARTNER™ Plus Door Phone Terminal Block

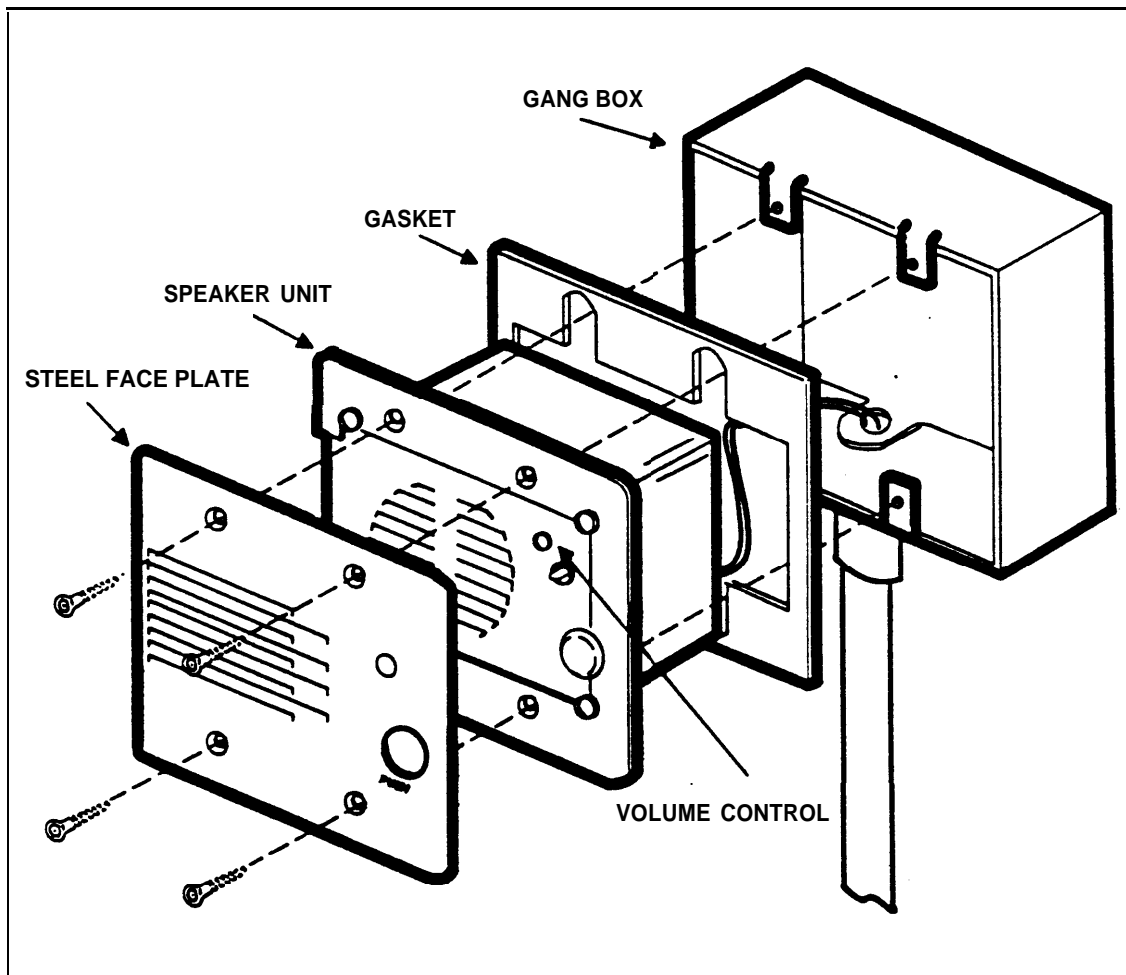


Figure 2-7. Attach PARTNER™ Plus Door Phone and Faceplate

# Appendix A—Warranty Information

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## Limited Warranty and Limitation of Liability

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AT&T warrants to you that the product will be free from defects in material and workmanship when title passes to you. If you notify AT&T that the product has failed to operate as warranted within one year of the date title passes to you, AT&T will, at its option, repair or replace the component or components of the product that failed to operate as warranted. Any repair or replacement components may be new or refurbished and will be provided on an exchange basis. If AT&T determines that the product cannot be replaced, AT&T will refund the purchase price to you.

If you purchased the product directly from AT&T, AT&T will perform warranty repair on your premises in accordance with the terms and conditions of AT&T's "Business Day" or "Around-the-Clock" warranty plans. The details of AT&T's warranty plans may be obtained from AT&T. If you purchased the product from an authorized dealer, you will be covered by AT&T's authorized dealer warranty plan during the warranty period. Contact your authorized dealer for details of AT&T's authorized dealer warranty plan. **AT&T's obligation to repair, replace or refund as set forth above is your exclusive remedy.**

The limited warranties provided above do not cover damages, defects, malfunctions or product failures caused by:

- Failure to follow AT&T's installation, operation or maintenance instructions;
- Unauthorized modification or alteration of the product or its components;
- Product abuse, misuse or the negligent acts of persons not under the reasonable control of AT&T;
- Actions of third parties and acts of God other than power surges (e.g., lightning).

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This limited warranty applies only to the product purchased directly from AT&T or purchased directly from an authorized AT&T dealer. This limited warranty does not apply to products purchased or operated outside the United States.

You may be required to provide AT&T with proof of purchase before AT&T will perform any warranty repair or provide any warranty replacements.

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