

User Guide



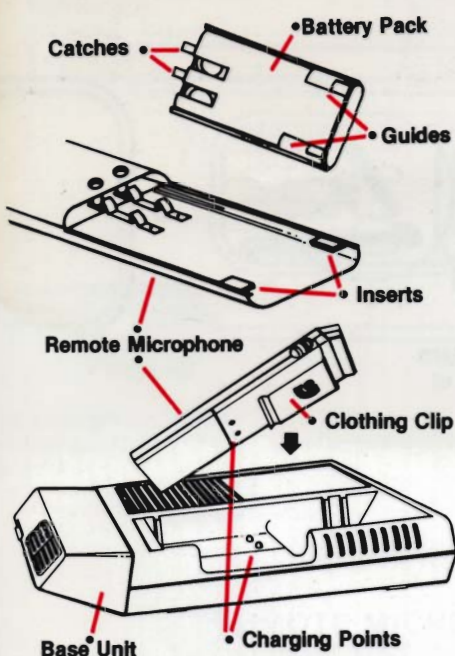
PhoneBeam®

Echoless Infrared Speakerphone

Model IR 101 Series

REMOTE MICROPHONE BATTERY

IMPORTANT: The Battery must be charged for a minimum of 12 hours before using the Remote Microphone. To extend battery life, use the Remote Microphone without recharging until the battery light flashes—then fully recharge (12 hours). Never leave the Remote Microphone ON for more than 3 hours straight or battery damage will result.



Unwrap the battery pack and install by placing it flat on the Remote Microphone so the inserts align with the battery pack guides. Next, slide the battery pack forward (toward the top of the Remote Microphone), so the catches snap firmly.

Place the Remote Microphone into the Base Unit charging receptacle. Make sure that the Remote Microphone ON/OFF Switch is in the OFF position. The metal clothing clip should face down and to the rear of the Base Unit with the charging points on both the Remote Microphone and Base Unit in contact.

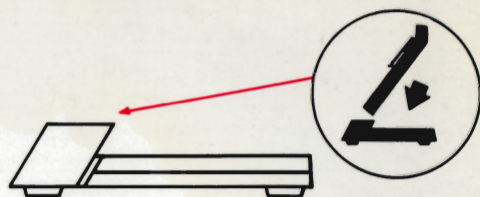
Do not force the Remote Microphone into the charging receptacle.

When the charging points are in contact the Battery Indicator Light will glow constantly indicating the battery is charging. If the battery is weak and the Remote Microphone is in use, the Battery Indicator Light will flash.

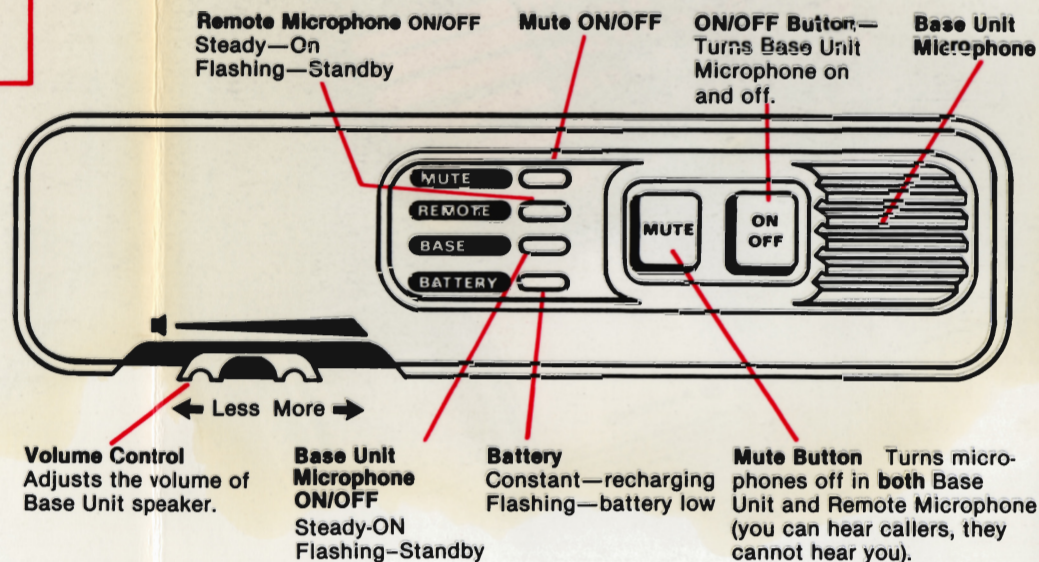
Place the Remote Microphone in the charging receptacle overnight so the battery will be fully recharged in the morning. It is OK for the Battery Indicator Light to remain on overnight or for extended periods. The Base Unit can still be used for phone conversations while the battery is being charged.

WATCH THE LIGHTS!

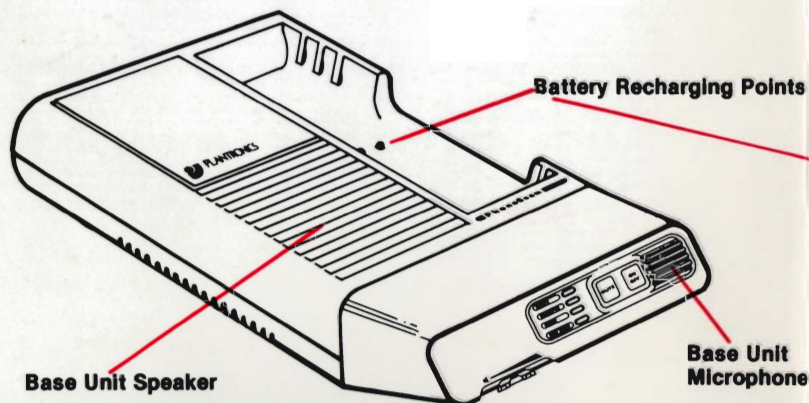
The Status Indicator Lights are your guide to easily operating the PhoneBeam. Familiarize yourself with the lights and other controls before attempting to operate.



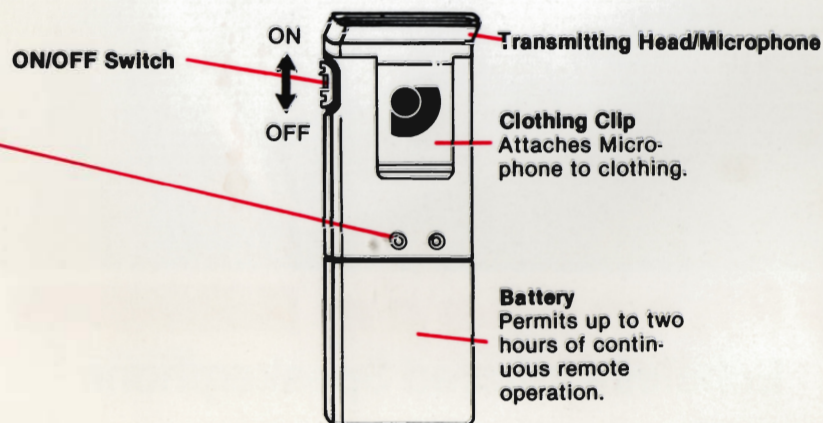
REMOTE MICROPHONE STAND
Permits table-top placement of Remote Microphone.



BASE UNIT



REMOTE MICROPHONE



BEFORE YOU START

- Refer to the Installation Manual for correct installation procedures, warranty and required FCC information. Additional FCC requirements are on page 15 of this Guide.
- PhoneBeam speakerphones will work with both pushbutton and rotary dial telephones.
- You can transmit on either the Remote Microphone (Remote Mode) or the Base Unit Microphone (Base Mode). All calls will be received over the Base Unit speaker.
- The PhoneBeam speakerphone uses infrared light to carry your voice from the Remote Microphone to the Base Unit. The unit has been designed to work within a single, private office. Do not attempt to transmit with the Remote Microphone outside the office—walls will not permit passage of the infrared light.
- Clip the Remote Microphone to your clothing so the transmitting head (microphone) is fully exposed and within 1 foot of your mouth. You can hold the Remote Microphone in your hand near your mouth or place it directly in front of you in the Microphone Stand.
- Keep the Base Unit free from papers, books or other materials and place it in a location free from direct sunlight or strong incandescent light. The Base Unit may be most convenient when placed near your telephone.
- Stay within 20 feet of the Base Unit when using the Remote Microphone. Leaving the room with the Remote Microphone ON will result in automatically turning on the Base Unit Microphone. Re-entering the room will reactivate the Remote Microphone.
- If you turn the PhoneBeam ON, hear dialtone and fail to dial within 10 seconds, you will lose dialtone and will likely hear a recorded message from the telephone company. If so, just turn the PhoneBeam OFF, check the instructions, turn it back ON and be prepared to dial within 10 seconds.

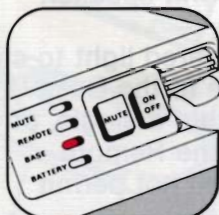
PLACING A CALL WITH THE BASE UNIT

1



Adjust Volume Control on the Base Unit to the middle of the volume indication.

2



Push ON/OFF Button (Base Indicator Light should come on).

BASE



3



Dial telephone number. (If you misdial, turn the Base Unit OFF and then start over).

4



Listen for ringing tones on the other end of the line (adjust speaker volume if necessary).

5

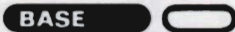


Converse through microphone on the Base Unit.

6



When finished, **push ON/OFF Button** (the Base Indicator Light will go OFF).



CALL DIDN'T GO THROUGH? You have a telephone which requires you to use the following steps:

1. Push ON/OFF Button.

2.



Lift telephone receiver (place it in front of the cradle if convenient).

3. Dial telephone number.

4. Listen for ringing tones.

5.



Hang up your telephone receiver (adjust the speaker volume if necessary).

6. Converse through microphone on Base Unit.

7. When finished, push ON/OFF Button.

NOTE: If neither system works, reread the instructions—make sure the Base Indicator Light glows when the Base Unit is turned ON. If the second set of steps works for you but you do not want to lift and hang up your telephone each time, ask your telephone company to install a telephone made for speakerphones.

PLACING A CALL WITH THE REMOTE MICROPHONE

1



Remove Remote Microphone from the Base Unit.

2



Attach to clothing with transmitting head exposed (or insert it in the microphone stand).

3



Turn Remote Microphone Switch to ON (Remote Indicator Light is ON).

REMOTE



4



Dial the telephone number.

5



Converse over Remote Microphone. Talk in a normal voice as if the other person were in the room with you. **Do not yell.**

6



When finished, turn **Remote Microphone Switch to OFF** (Remote Indicator Light is OFF).

REMOTE



CALL DIDN'T GO THROUGH? You have a telephone which requires you to use the following steps:

1. Remove Remote Microphone from Base Unit and attach to clothing with transmitting head exposed (or place it in the microphone stand).
2. Turn Remote Microphone Switch to ON (Remote Indicator Light is ON).

3.



Lift your telephone receiver (place it in front of the cradle if convenient).

4. Dial the telephone number.
5. Listen for ringing tones from Base Unit Speaker.

6.



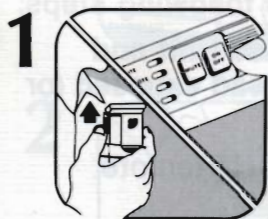
Hang up telephone receiver.

7. Converse over Remote Microphone.
8. When finished, turn Remote Microphone Switch to OFF (Remote Indicator Light is OFF).

When using the Remote Microphone be sure the transmitting head is fully exposed—stay within the room.

RECEIVING A CALL WITH THE BASE UNIT OR REMOTE MICROPHONE

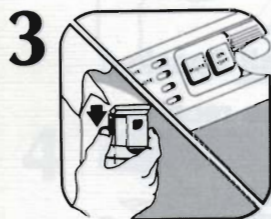
When your telephone rings, you may answer with **either** the Base Unit or the Remote Microphone.



When the telephone rings, **turn on either Base Unit or Remote Microphone** (check to see that the appropriate Indicator Light is ON).

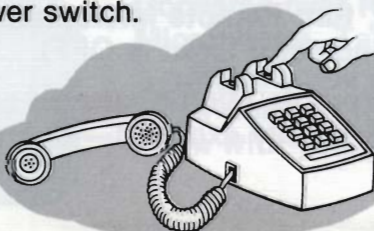


Answer the call.



When the call is concluded, **switch unit being used to OFF** (Indicator Light will go OFF).

NOTE: Telephone features which are activated with the receiver switch (such as Call Waiting) can be used with the PhoneBeam. Either switch the Remote Microphone OFF and ON quickly, or lift the telephone receiver and press and release the receiver switch.



MUTE (PRIVACY) FEATURE

The Mute Feature is helpful if you have a call in progress and want to speak privately to someone in the room with you.



When you press and release the MUTE Button (Mute Indicator Light ON), **you will be able to hear the person on the other end of the line, but they will not hear you.**



To cancel the MUTE function, just press and release the MUTE Button again. The Mute Indicator Light will go out and you can continue your two-way conversation.

MICROPHONE PRIORITY

If the Remote Microphone is turned ON first and then the Base Unit is turned ON, the Remote Microphone Light will begin flashing. This is a reminder to turn the Remote Microphone OFF to save the battery. When you turn the Remote Microphone OFF, the Base microphone and Indicator Light stay ON.

When the Base Unit is turned ON first and the Remote Microphone second, the Base microphone and Indicator Light will be turned OFF automatically since there are no batteries in the Base Unit to conserve.

CONFERENCING

PhoneBeam is designed to improve conferencing capability by placing the Remote Microphone in the center of the conferencing group. The closer the individuals are to the microphone, the less "echo" will be heard.

POSSIBLE PROBLEMS AND THEIR SOLUTIONS

PROBLEM: I have difficulty inserting the Remote Microphone into the Base Unit to charge the battery.

SOLUTION:

- Be sure the Remote Microphone is turned off.
- Insure the battery pack is correctly and completely inserted in the Remote Microphone.
- Insert the Remote Microphone so charging points are aligned.

Do not force it.

PROBLEM: When I press the ON/OFF Button I do not hear a dialtone.

SOLUTIONS:

- Read page 4 carefully and determine which set of instructions to follow. Make sure your telephone is hung up before you start.
- Make sure the volume control is turned up.
- Make sure the Base Indicator Light is ON—if not, check installation.

PROBLEM: After turning the PhoneBeam ON, a dialtone was heard for a while and then it stopped.

SOLUTION:

- You generally have 10 seconds to dial after turning the PhoneBeam ON (same as lifting your telephone receiver). Read the instructions first, then turn the PhoneBeam ON and dial the telephone number within 10 seconds.

PROBLEM: The Base Unit does not work (microphone does not transmit).

SOLUTIONS:

- Check to determine that the AC Adapter is plugged into a functioning electrical outlet not controlled by a wall switch.
- Make sure the telephone connections are correct.
- Check to determine that the MUTE is not ON.

PROBLEM: The Remote Microphone does not work (microphone does not transmit, unit will not answer or hang up from a remote location).

SOLUTIONS:

- Check the Battery Indicator Light when the Remote Microphone is ON to determine that the batteries are charged—when they are weak it will flash.
- Make sure the AC Adapter for the PhoneBeam is plugged into a functioning electrical outlet which is not controlled by a wall switch.
- The Remote Microphone will only work in the office where the Base Unit is installed.
- Be sure the sun or an incandescent lamp is not shining directly on the Base Unit.
- If you have noticed that your Remote Microphone battery has recently failed to hold a charge for at least one hour, replace the battery pack (see page 1).

PROBLEM: My voice sounds distorted.

SOLUTIONS:

- Lower your voice; talk in a normal tone.
- Move the Remote Microphone away from your mouth.
- Make sure the Remote Microphone is placed so that the transmitting head/microphone is fully exposed.

PROBLEM: When using the Remote Microphone, my conversation often cuts in and out.

SOLUTIONS:

- Any wall or barrier may interfere with the infrared light that carries your voice. Be sure there are no such obstacles between the Remote Microphone and the Base Unit.
- Make sure nothing covers any part of the Base Unit or that it is not under strong sun or incandescent light. This interferes with the infrared signal from the Remote Microphone.
- Infrared light is lost through open doorways and large windows. Do not stand facing toward such areas.

PROBLEM: Misdialed the telephone number.

SOLUTION:

- Don't worry! Just turn the PhoneBeam OFF (same as hanging up the telephone receiver), turn it ON again (same as lifting the receiver again), and redial the telephone number.
- You must wait at least two seconds after turning the unit off OFF before turning the unit back ON.

AVAILABLE ACCESSORIES and REPLACEMENT PARTS

1. IR1 Battery Pack 16901-01.
2. IR2 Cable Adapter, 3 Ft. (50 pin to spade lug termination) 16893-02.
3. IR3 Remote Microphone unit (includes battery pack) 17326-02.
4. IR4 AC Adapter 17140-01.
5. IR5 Desk stand for remote 17141-01.
6. IR6 Cable adapter, 3 Ft. (50 pin to Northern Telecom SL-1 and Logic series telephone connector) 17467-02.
7. IR7 Cable adapter (50 pin to modular connector) 18467-01.
8. IR8 Base unit IR 101 series (50 pin connector) 17565-01.

For ordering information, contact any major distributor of telecommunications products or call Plantronics at 800/538-0748 Ext. 735 (California: 800/662-3902 Ext. 735).

LIMITED WARRANTY

The Plantronics PhoneBeam is warranted to be free from defects in workmanship and materials for a period of one (1) year from date of shipment from Plantronics. During the warranty period, Plantronics, at its option, shall repair or replace without charge any part or subassembly (not including battery), which is found to be defective under normal installation, use and service, provided the product is returned to Plantronics, postage prepaid, as a complete assembly. The battery pack shall be warranted for a period of ninety (90) days. Plantronics reserves the right to effect repair by replacement of the defective unit with a factory-rebuilt unit of "like-new" condition. This warranty does not extend to material which has been subjected to abuse, misuse, neglect, accident or improper installation, wiring or alteration, or to any defects or damage directly or indirectly caused by the use of unauthorized replacement parts and/or service performed by unauthorized personnel. In such cases, all repairs will be billed at current rates for labor and materials, even during the warranty period.

The following parts are considered to be subject to wear and tear in normal usage and are not covered under warranty. Items in this category include, but are not limited to, the following:

- | | |
|------------------------|------------------------|
| a) Case and case parts | d) Cable adaptors |
| b) Connectors | e) Decorative finishes |
| c) Cords | |

The warranty period shall be one (1) year from date of manufacture as indicated on the unit. To obtain warranty repairs, return your unit, shipping prepaid, direct to: Plantronics Service Center, 333 Encinal Street, Santa Cruz California 95060. Include the following information: (1) Bill to address, (2) Ship to address, (3) Purchase order number, (4) Number and description of units shipped, (5) Name and telephone number of person to call should contact be necessary, and, (6) Descriptive statement of defect or failure. Please pack the unit in a sturdy carton with sufficient packing material to prevent shipping damage. Damage occurring during shipment is not the responsibility of Plantronics and any claims for shipment damage must be made directly with the carrier.

Any replacement or repair performed by Plantronics shall be warranted for ninety (90) days or the remainder of the original warranty period, whichever is longer and shall be based on the date repair service was completed. Return freight from Plantronics to the customer for a unit requiring any repair covered by the warranty shall be prepaid by Plantronics.

EXCEPT AS PROVIDED HEREIN, PLANTRONICS MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED, WITH RESPECT TO THIS PRODUCT, INCLUDING ANY WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. IT IS EXPRESSLY UNDERSTOOD THAT THE SOLE AND EXCLUSIVE REMEDY PROVIDED TO PURCHASER SHALL BE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS OR PARTS.

IN NO EVENT SHALL PLANTRONICS BE LIABLE TO A PURCHASER FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS, LOSS OF USE OR OTHER INDIRECT DAMAGES OF ANY KIND ARISING OUT OF DEFECTIVE MATERIAL WHETHER THE CLAIM BE BASED ON WARRANTY, NEGLIGENCE OR ANY OTHER LEGAL THEORY.

FCC REQUIREMENTS

(Requirements of Part 68 of FCC Rules)

This device has been granted a registration number by the Federal Communications Commission, under part 68 rules and regulations for direct connection to the telephone lines. In order to comply with these FCC rules, the following instructions must be carefully read and applicable portions followed completely:

1. Direct connection to the telephone lines may be made only through the standard plug-ended cord furnished to the utility-installed jack. No connection may be made to party or coin phone lines.
2. Prior to connecting the device to the telephone lines, you must: Call your telephone company and inform them you have an FCC registered device you desire to connect to their telephone lines. Give them the number(s) of the line(s) to be used, the make and model of the device, the FCC registration number and ringer equivalence. This information will be found on the device or enclosed with instructions as well as the jack suitable for your device.
3. After the telephone company has been advised of the above you may connect your device if the jack is available, or after the telephone company has made the installation.
4. Repairs to the device may be made only by the manufacturer or his authorized service agency. This applies at any time during and after warranty. If such unauthorized repair is performed, registration, connection to the telephone lines and remainder of warranty period all become null and void.
5. If, through abnormal circumstances, harm to the telephone lines is caused, it should be unplugged until it can be determined if your device or the telephone line is the source. If your device is the source, it should not be reconnected until necessary repairs are effected.
6. Should the telephone company notify you that your device is causing harm, the device should be unplugged. The telephone company will, where practicable, notify you that temporary discontinuance of service may be required. However, where prior notice is not practicable, the telephone company may temporarily discontinue service, if such action is reasonably necessary. In such cases the telephone company must (A) promptly notify you of such temporary discontinuance, (B) afford you the opportunity to correct the condition and (C) inform you of your rights to bring a complaint to the FCC under their rules.
7. The telephone company, under certain circumstances, may temporarily discontinue and make changes in facilities and services which may affect the operation of the users' equipment: however, the users shall be given adequate notice in writing to allow the user to maintain uninterrupted service.

