



Signal Enhancer for Wireless Intercom Systems

78-9236-6517-4

Installation Instructions

PURPOSE

To "fill in" areas of poor radio coverage due to blockage of signal by large metal objects and to extend working distance from system base station

SPECIFICATIONS

1. MINIMUM distance from base station - 25 feet
2. MAXIMUM cable length - 150 feet
3. Cable Type - RG-6U (not provided)

ADDITIONAL MATERIALS REQUIRED (not provided)

RG-6U Coaxial Cable (25 to 150 feet)

Mounting screws

Electrician's Putty (or Plumber's Putty)

INSTALLATION WITH A WIRELESS BASE STATION

1. Locate area in which enhanced radio coverage is desired (observe Maximum and Minimum distances and cable length)

NOTE: Obstruction-free line of sight to headsets is required with no large solid metal objects between Remote Antenna and headset.

2. Mount Remote Antenna as shown (minimum of 6 feet from the ground) using appropriate hardware
3. Turn OFF power to Base Station
4. Do not remove the liner from the double-stick tape yet. Lightly attach the Signal Coupler to the left-hand cover of the Base Station as shown in diagram with ®Scotch Tape.
5. Attach power wires to Base Station terminal strip. (Red = +12VDC, BLK = COMMON)
6. Connect RG-6U coaxial cable between Coupler and Remote Antenna.

NOTE: Be sure to form coaxial cable into a "drip loop" and secure to mounting surface when connecting to Remote Antenna

7. Turn on Base Station power (ensure the LED inside the Remote Antenna is lit).
8. Attach weatherproof cover to Remote Antenna and secure screws.
9. Cover outside cable connection with putty (or similar material) to protect from moisture damage.
10. Test the system range.

- Take a headset outside to just the point of losing contact. (intermittent signal)
- A second person would be inside with another headset.
- The outside headset transmits and the inside headset monitors.
- Move the pickup unit around over the base station cover until the best reception is achieved.
- Remove the hand from the coupler to verify that it is not affecting pickup.
- Permanently attach the Signal Coupler using the tape provided.

