



Receiving Antenna Assembly

Magnetic Mount Assembly Instructions

- Position "O" ring around bushing on magnetized base.
- Affix receiving antenna to base.

Permanent Mount Assembly Instructions

- Refer to Figure 1 for an assembly diagram. The mount requires a $\frac{3}{4}$ " (19mm) hole in a flat area with a thickness of (0.5mm to 1.0mm) .020" to .040".
- Feed the lead-in cable from the top until the bushing assembly is in position to drop into the hole. The bushing should be tilted at a slight angle and fed into the hole. The threaded top of the bushing will not fall through the hole.
- Thread the brass nut onto the bushing. Be sure the "O"-ring is in the groove of the brass nut before tightening. The brass nut should be tightened until it comes in contact with the surface and the "O" ring is compressed.

Installing BNC Connector

- Refer to diagrams in Figures 2, 3, and 4 while performing the following steps.
- Trim cable as shown taking care not to damage the inner conductor or braid.
- Slip crimp sleeve over cable. Place inner conductor into contact. Note that the end of contact and inner dielectric must be butting and square. Crimp with appropriate tooling.

Flair outer braid, and gently but firmly push the contact into the connector housing until a snap is felt, indicating the contact is in place. Slip the crimp sleeve in place, butting the flange against the connector body, and crimp with appropriate tooling.

Receiver to Receiving Antenna Assembly

Connecting the Receiving Antenna to the Receiving Control Unit

Connect the receiving antenna to the top of the receiver control unit using the coaxial cable supplied with the antenna.

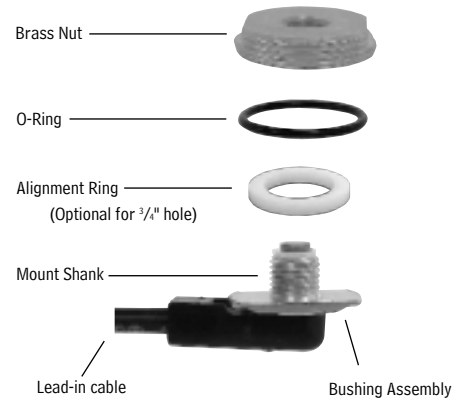


Figure 1

Connecting the Receiving Control Unit to the TV and/or VCR

Connect the receiver control unit to the TV and/or VCR using the video cable supplied. Attach one end of the cable to your TV or VCR's input ports. Connect the other end to one of the three video out connectors on the receiving control unit (note that one of the connectors is an RCA connector; the other two are BNC connectors - a BNC to RCA connector is included). The additional video output connectors can be used to send the transmission to another TV or VCR. If you are using a Transcommand system, you will not need to attach any video cables. For additional video cable, contact Bullard Inside Sales at 877-BULLARD (285-5273).

Powering the Receiving Control Unit

Connect either the AC or DC adapter to the power input port on the receiving control unit. When power is supplied, a red LED on the front panel will illuminate.

Selecting the Channel on your TV

In order to view the transmitted image, your TV should be set to video input or auxiliary channel. Some TVs require a remote control to access the video or auxiliary channel. See your TV owner's manual for further information.

FCC Registration Form

Fill out the Federal Communications Commission (FCC) registration form and send it to the address noted on the form. The form must be submitted to ensure the proper licensing with the FCC.

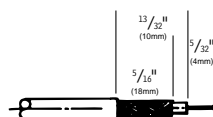


Figure 2

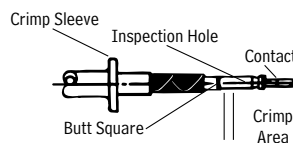


Figure 3

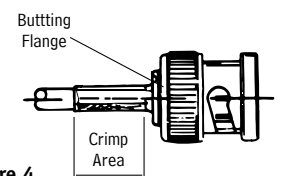


Figure 4



Head Protection



Respiratory Protection



Fire and Rescue Safety



Thermal Imaging

FCC Notice

This equipment has been tested and complies with Part 90 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference.

This equipment generates, uses and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Change receiver and transmitter channel
- Reorient or relocate the receiving antenna
- Increase the separation distance between the affected equipment and receiver
- Connect the affected equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult Bullard or an experienced radio/TV technician for help

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

To ensure licensing, you must fill out and return the FCC registration form included with this product.

Receiver Specifications

Dimensions	1.5" x 4.5" x 5" (38 x 114 127mm) (including protrusions)
Weight	1 lb. (454g)
Power Requirements	11-14.5 VCD (center pos.)
Power Consumption	250 mA
Power Input	Coaxial 2.1 mm by 5.5 mm center-positive connector
Receiving Frequency	2.45 GHz or 2.48 GHz.
Video Outputs	Two 75-ohm 1-Volt P-P video outputs (female BNC) and One RCA

CAUTION

Your Bullard Wireless Remote Transmitter/Receiver has been designed to operate in a variety of environments. However, Bullard recommends protecting the Receiving Control Unit from high-moisture environments.

Signal quality may vary considerably depending upon location. Composition and construction of interior walls and barriers will affect range indoors. Likewise, outdoor operation could be affected by large metallic objects, structures, fences, and dense foliage. Repositioning of both transmitter and receiver may be necessary to optimize performance.

Failure to note this information may effect operation of the thermal imager.

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