

Badger® ORION®	Remote Box Enclosure	Installation Data
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OVERVIEW

The Badger® ORION® Remote Box Enclosure is for use with either the Recordall® Transmitter Register (RTR®) or Absolute Digital Encoder (ADE®) stepped tube and threaded tube Badger ORION Transmitter for remote mounting applications. The Remote Box Enclosure is designed for mounting Badger ORION Transmitters in indoor or outdoor environments and provides an environmentally protected area for gel splice connections (if needed) to be maintained inside the enclosure.



Figure 1

INSTALLATION

Prior to installing the Badger ORION Transmitter, be certain to verify that the transmitter is labeled for remote applications by checking the serial number identification sticker on the transmitter wire. Badger ORION Transmitters for remote applications contain the following product description on the serial number label – Non-metal. If the transmitter does not contain this description, do not install the product. It is essential that the correct transmitter be used for remote applications. Failure to do so will result in a violation of FCC regulations.

The following Badger ORION Remote Box Installation Kit is required to properly mount the Badger ORION transmitter for remote applications:

Badger ORION Remote Box Enclosure Kit - 64394-021

After obtaining the installation kit and confirming the correct Badger ORION Transmitter is available for a remote application, the installer places the transmitter into the Badger ORION Remote Box Enclosure. To ensure maximum transmitter performance, it is important to mount the Badger ORION Transmitter in the proper orientation (transmitter antenna up and Badger ORION Transmitter IR communication port and wire down).

To verify the proper orientation, flip the enclosure over and look inside the Badger ORION Remote Box Enclosure. Locate the three security ribs inside the Remote Box Enclosure to determine the top of the enclosure. The bottom of the Remote Box Enclosure is identified by the two strain relief tabs located on both sides of the enclosure housing and the hole in the bottom of the enclosure that allows access to the transmitter IR communication port without having to disassemble the unit (Figure 2).

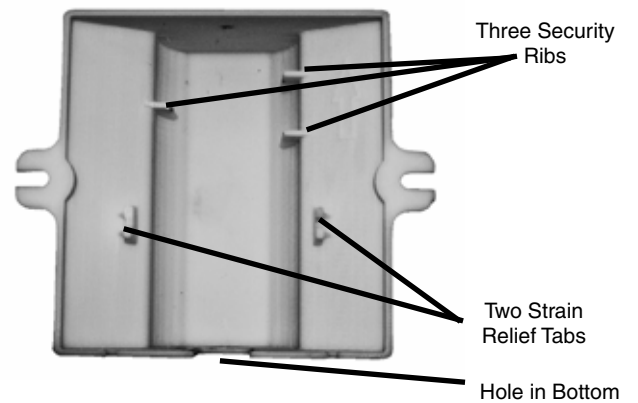


Figure 2

When inserting the Badger ORION Transmitter into the Badger ORION Remote Box Enclosure, make certain that the flat side of the transmitter is facing the back of the enclosure or toward the installer (Figure 3). When installing, the transmitter antenna must be mounted toward the top of the enclosure, between the security ribs. Note that the arrow on the back of the Remote Box Enclosure points up toward the top of the assembly. When installing the Remote Box Enclosure to a wall, it must be mounted with the arrow pointed up (toward the sky).

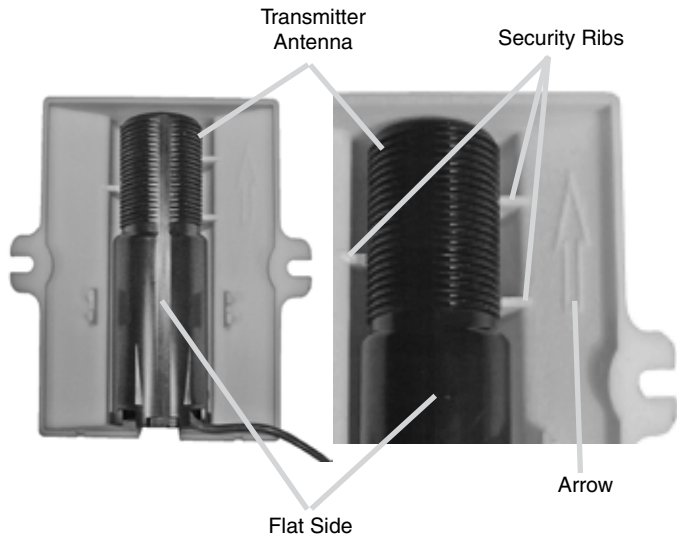


Figure 3

After the Transmitter is mounted in the Badger ORION Remote Box Enclosure, loop the transmitter wire through the strain relief tab and through the cut out on the bottom of the enclosure (Figure 4). If needed, gel splice connections can be made and kept inside the ORION Remote Box Enclosure prior to mounting.

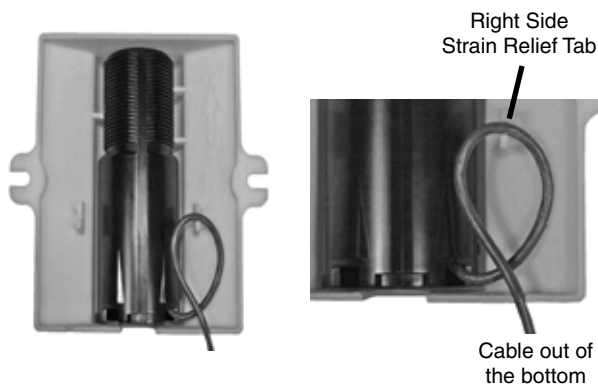


Figure 4

To install, verify that the Badger ORION Remote Box Enclosure is properly positioned with the transmitter antenna up and the transmitter IR port facing down and secure the enclosure to the wall using appropriate customer supplied screws (figure 5).

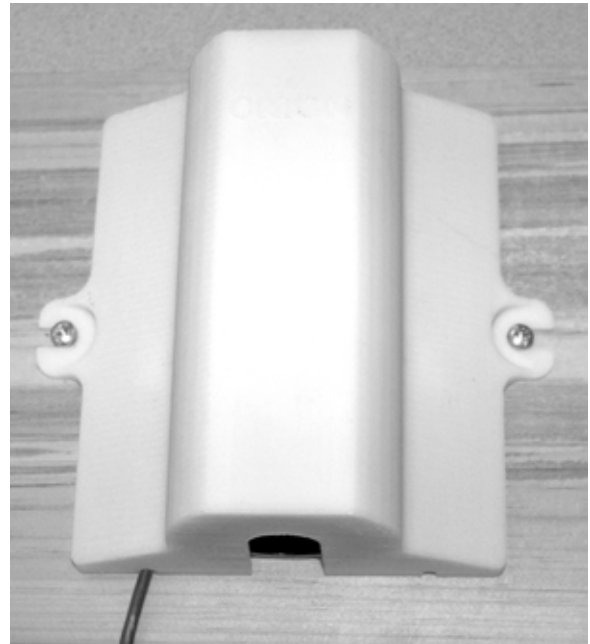


Figure 5

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