



BTI - Indoor Temperature Sensor

For use with the BTU-4 Burk Temperature Unit

Features

The BTI Indoor Temperature Sensor is the ideal solution for monitoring room temperatures:

- The active end of the BTI is enclosed in a contemporary style housing suitable for installation in any room.
- Hidden mounting - No visible mounting clamps or screws.
- Air vents in the housing of the BTI allow the sensor to react promptly to changes in room temperature.
- Comes packaged with 15' of flexible cable allowing the BTI to be mounted virtually anywhere.

Installation

1. Locate the back half of the enclosure against the surface where the BTI will mount.
2. Mark reference circles at each of the 2 mounting slots and the cable entry point using the enclosure as a template.
3. Set aside the enclosure and drill a hole at the cable entry location.
4. Mount 2 screw in wall or into wall anchors, leaving at least 1/8" from wall to underside of the screw head.
5. Test fit the enclosure back half against the wall. Check for a secure fit, still allowing for removal of the BTI from the wall.
6. From the location of the BTU-4, route the BTI cable through the wall and the rear of the enclosure. The length of the cable does not affect calibration, and it may be extended as required.
7. Attach it to the terminals on the front half of the BTI.
Terminal 1=Red, 2=Black, 3=Shield/Drain, 4=No connection.
8. Secure the two halves of the BTI using the 3/4" screws, being careful not to over tighten them.
9. Place the BTI against the wall and secure it to the mounting screws.
10. Disconnect the AC Adapter from the BTU-4.
11. Plug the connector of the BTI into one of the 4 available input jacks on the BTU-4.
12. If not already wired, connect the Output Sample pin associated with the input jack chosen in step 3 from the BTU-4 to the remote control equipment.
13. Supply AC power to the BTU-4 using its AC Adapter.

Setup for ARC-16

1. Select the desired channel using the **CHANNEL** keys.
2. Press **MODE** until the display shows **DEC. POINT**.
3. Press **RAISE** to move the decimal point until the displayed value shows the decimal point located one digit from the right, as in [**wxy.z**].
4. Press **MODE** until **SELECT TYPE** is displayed, and confirm that **MV** is the scale selected. If you are not currently in **MV**, press **RAISE** until it displays **MV**.
5. Press **CLEAR**. Setup is concluded.