

TRW-B210W Wireless Detector Base

SPECIFICATIONS

| | |
|------------------------------|--|
| Base Diameter: | 6 inches (15 cm) |
| Base Height: | 1.2 inches (30 mm) |
| Operating Temperature Range: | Refer to the applicable sensor's operating temperature range provided in the sensor's installation manual. |

BEFORE INSTALLING

Please read the *System Smoke Detectors Application Guide*, which provides detailed information on detector spacing, placement, zoning, wiring, and special applications. Copies of this application guide are available from System Sensor. In addition, the wireless system must be installed in compliance with the control panel system installation manual and the SWIFT® Wireless Gateway Manual. The installation must meet the requirements of the Authority Having Jurisdiction (AHJ). Sensors offer maximum performance when installed in compliance with the National Fire Protection Association (NFPA); see NFPA 72.

NOTICE: This manual should be left with the owner/user of this equipment.

IMPORTANT: The detector used with this base must be tested and maintained regularly following NFPA 72 requirements. The detector should be cleaned at least once a year.

GENERAL DESCRIPTION

The TRW-B210W is a mounting base designed for addressable wireless detectors. The base includes a magnet for tamper resistance (Figure 1). The magnet

activates a supervisory tamper fault at the panel if the detector is removed from the base.

MOUNTING AND INSTALLATION GUIDELINES

The TRW-B210W wireless detector base can be mounted directly to a permanent structure in its desired location. Since there are no wires running to the base, an electrical box is not required. However, hole configurations are available that could be mounted to a 4 inch square (with or without plaster rings), 4-inch octagon, 3.5-inch octagon or single gang junction boxes.

NOTE: When mounting wireless devices on or around metal objects, signal strength may be directionally affected.

For installation, remove the decorative ring by turning it in either direction to unhook the snaps, then separate the ring from the base.

Place the decorative ring on the base and rotate it in either direction until it snaps into place (see Figure 2).

FIGURE 1. BASE WITH MAGNET

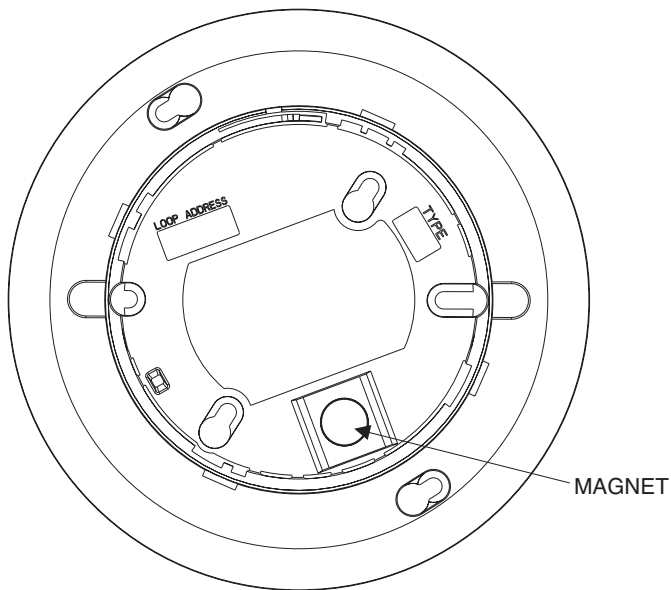
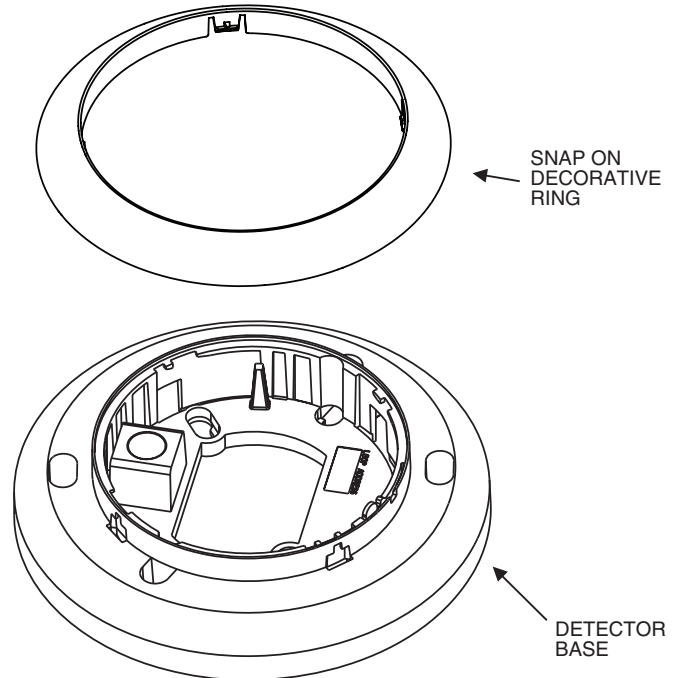


FIGURE 2. BASE AND TRIM RING



The base includes an area for recording the zone, address, and type of detector being installed. This information is useful for setting the detector head address and for verification of the detector type required for that location.

TAMPER-RESIST FEATURE

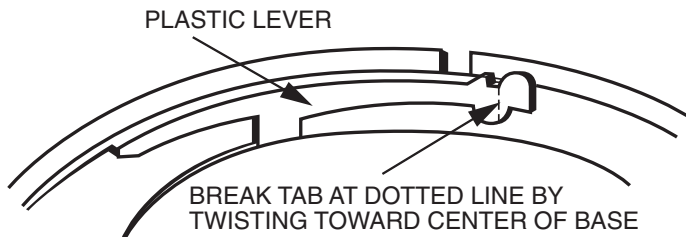
NOTE: Do not use the tamper-resist feature if the removal tool will be used. The detector base includes a tamper-resist feature that prevents removal of the detector without using a small screwdriver or similar tool.

To activate this feature, use needle-nose pliers to break the tab on the detector base as shown in Figure 3A. Then, install the detector.

To remove the detector from the base once the tamper-resist feature has been activated, remove the decorative ring by rotating it in either direction and pulling it away from the base. Then, insert a small screwdriver into the notch, as indicated in Figure 3B, and press the plastic lever toward the mounting surface before rotating the detector counterclockwise for removal.

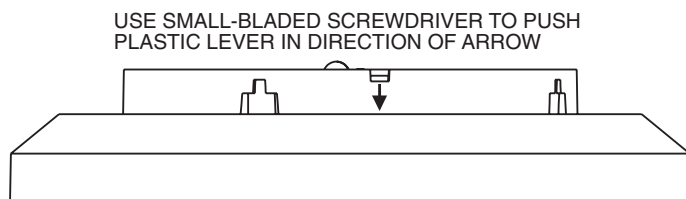
The tamper-resist feature can be defeated by breaking and removing the plastic lever from the base. However, this prevents the feature from being used again.

FIGURE 3A. ENABLING THE TAMPER-RESISTANT CAPABILITY



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FIGURE 3B. REMOVING THE DETECTOR HEAD FROM THE BASE



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LICENSING STATEMENT

Use of these products in combination with non-Honeywell products in a wireless mesh network, or to access, monitor or control devices in a wireless mesh network via the internet or another external wide area network, may require a separate license from

Sipco, LLC. For more information, contact Sipco, LLC or Ipco, LLC at 8215 Roswell Rd., Building 900, Suite 950, Atlanta, GA 303350, or at www.sipcollc.com or www.intusiq.com.