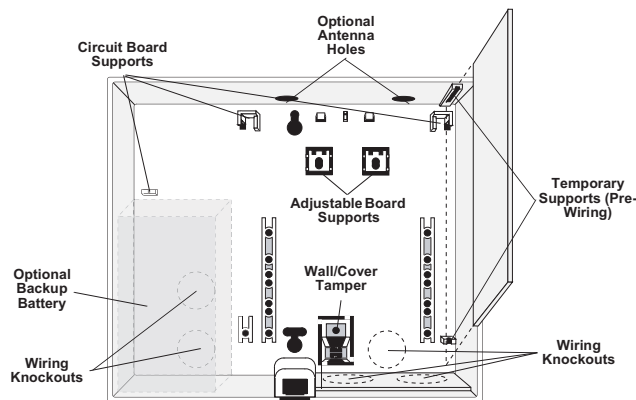# Multi-Purpose Housing Installation Instructions

Product summary

The Multi-Purpose Housing (60-928) is designed to hold several different circuit boards. It can be adapted for many different installation situations. The Multi-Purpose Housing has the following features:

- Space for an optional backup battery.
- Holes for an antenna
- Temporary supports for pre-wiring of boards.
- Wiring knockouts.
- Combined wall/cover tamper protection.

Figure 1: Multi-purpose housing features

Accessory kit

The Multi-Purpose Housing comes with the following accessories:

- Two screws for adjustable supports.
- One Tinnerman nut for the cover locking mechanism.
- Anchors and screws for mounting
- One screw for the cover locking mechanism.
- Two silicone caps for antenna holes and mounting of loop antenna.
- Two rubber o-rings for plastic antenna housings.
- One normally closed tamper switch with spring.

Installing 6 in. (15.24 cm) circuit boards

1. Remove the adjustable board supports from the housing.
2. Remove the appropriate wiring knockout.
3. Attach housing to wall.

Note: Be sure adjustable board supports and knockouts are removed before mounting the housing.

4. Place board in temporary support.
5. Wire the board as needed.
6. Place the board on appropriate supports.
7. Position adjustable board supports as needed for board size (See the following figures).
8. Attach supports with screws.

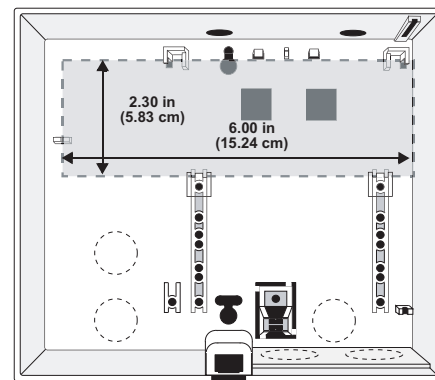**Figure 2: Installation of 2.3 x 6 in. (5.83 x 15.24 cm) circuit board**

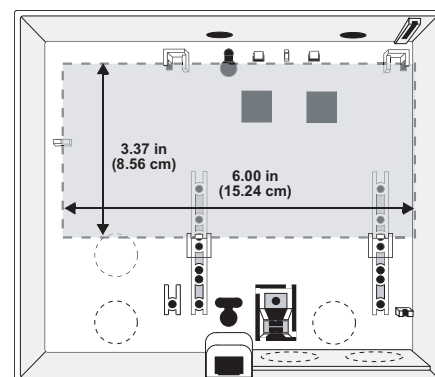**Figure 3: Installation of 3.3 x 6 in. (8.56 x 15.24 cm) circuit board**

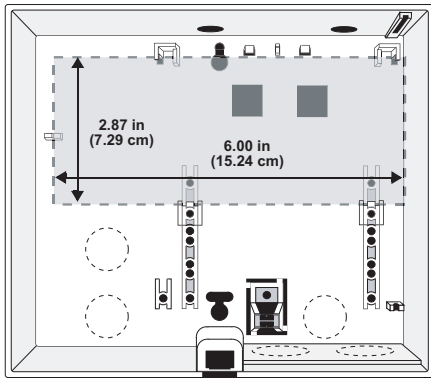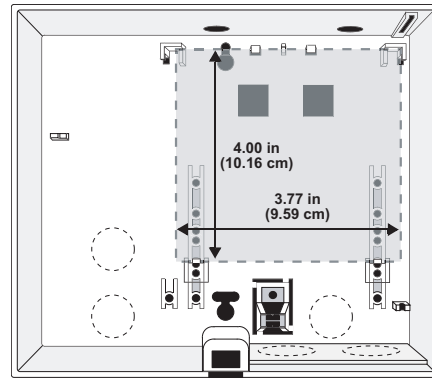**Figure 4: Installation of 2.87 x 6 in. (7.29 x 15.24 cm) circuit board**

Installing smaller width boards

1. Remove the adjustable board supports from the housing.
2. Remove the appropriate wiring knockout.
3. Attach housing to wall.

Note: Be sure adjustable board supports and knockouts are removed before mounting the housing.

4. Place the board on appropriate supports.
5. Wire the board as needed.
6. Position adjustable board supports as needed for board size (See the following figures).
7. Attach supports with screws.

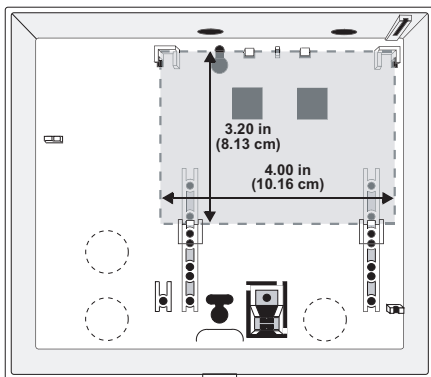**Figure 5: Installation of 3.2 x 4 in. (8.13 x 10.16 cm) circuit board**

Figure 6: Installation of 4 x 3.77 in. (10.16 x 9.59 cm) circuit board

Figure 7: Installation of 3.83 x 4 in. (9.72 x 10.16 cm) circuit board
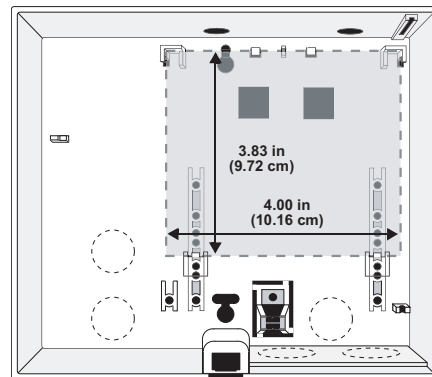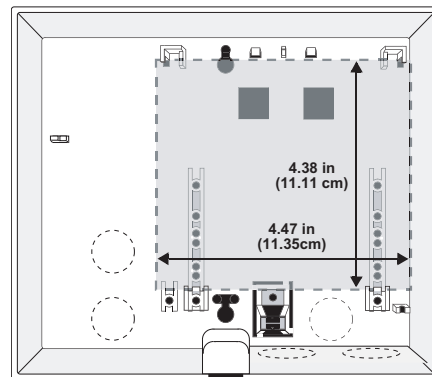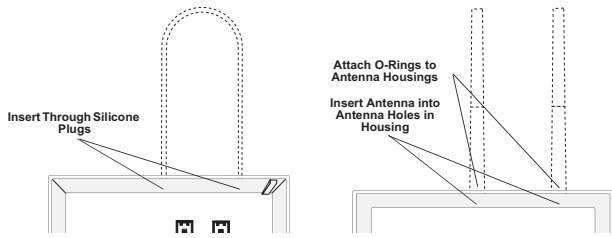

Figure 8: Installation of 4.47 x 4.38 in. (11.35 x 11.11 cm) board

Installing the optional antenna

See the documentation for your board for complete antenna installation instructions. The antenna can be attached through the supplied silicone plugs as shown in the figure on the left. Or in the case of a wire antenna, the plastic housings and o-rings can be directly attached to the antenna holes in the top of the housing.
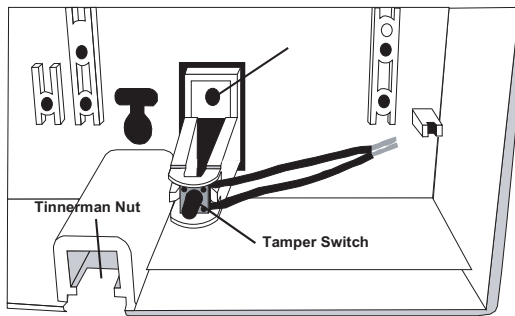
Figure 9: Optional antenna configurations

Insert Through Silicone Plugs

Attach O-Rings to Antenna Housings

Insert Antenna into Antenna Holes in Housing

Installing the wall/cover tamper

1. Push the wall/cover tamper switch into place as shown in Figure 10 below.

2. Wire the tamper switch to the circuit board. (Refer to the instructions for your board.)

3. Install the spring on the tamper switch.
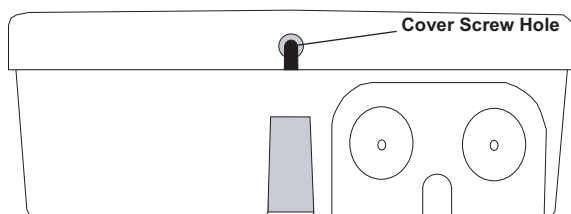
4. Install the wall tamper screw.

Figure 10: Installation of the wall/cover tamper switch and tinnerman nut

Tinnerman Nut

Tamper Switch

Attaching the cover

1. Install the Tinnerman nut as shown in Figure 10 above.

2. Attach the cover over the housing with the screw hole toward the bottom.

3. Install the cover screw through the Tinnerman nut (see Figure 11 below).

4. If the housing is installed outside, use silicone caulk on the edge of the cover to provide rain resistance

Figure 11: Bottom profile of housing

Cover Screw Hole

Specifications

Outside dimensions	6.82 x 6.50 x 2.00 in. (W x H x D) (17.32 x 16.51 x 5.08 cm)
Inside dimensions	6.40 x 5.50 x 1.92 in (W x H x D) (16.26 x 13.97 x 4.88 cm)
Cover dimensions	6.99 x 6.77 x 0.975 in (W x H x D) (17.75 x 17.20 x 2.48 cm)
Weight	1.0 lb (.45kg) (empty housing and cover)

Regulatory information

Manufacturer	UTC Fire & Security Americas Corporation, Inc. 1275 Red Fox Rd., Arden Hills, MN 55112-6943, USA
Certification	CE

Contact information

www.utcfireandsecurity.com or www.interlogix.com

For customer support, see www.interlogix.com/customer-support