

# Installation Instructions

Model Number 1043-AN

## Model 1043-AN Locking Recess Wall/Ceiling Mount Assembly Components:

- Ceiling enclosure Model 1043-Series assembly – 1 each
- Box mounting bracket – 1 each
- #6-32 X 3/4" counter sink screw – 4 each
- #6-20 X 1/2" self-drilling screws – 4 each
- Trim – 1 each
- 1" Conduit Fitting with Nut – 1 each
- Firestop grommet – 1 each
- Installation instructions – 1 each



If any of these items are missing, contact your Oberon representative.

Find a flat work surface to assemble the enclosure, access point and antenna(s) (if needed) prior to mounting in wall/ceiling or ceiling.

**Step 1** - When cutting the hole for the 1043 enclosure in the drywall allow for an 11.75" x 11.75" opening for clearance when the drywall is installed over the enclosure (Figure 1).

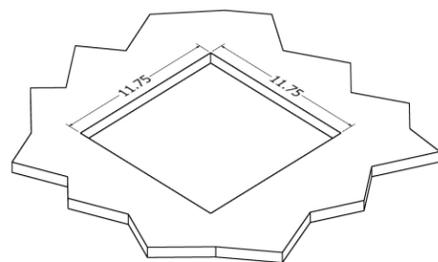


Figure 1 - Cutout Dimensions

**Step 2** – Place the enclosure assembly on the work surface. Remove one of the 1" trade size hole cover on the side of the enclosure and install the 1" trade size conduit connector (the side on which the trade size cable clamp is to be installed will be determined by the location the enclosure is to be installed and direction from which conduit will be brought into the enclosure)

**NOTE:** A surface mount box (or biscuit jack) and equipment cord can be conveniently mounted inside the enclosure. (Non-plenum rated cables can be used inside a plenum rated enclosure). Use an adhesive backed surface mount box. Consider bend radius of horizontal cable and equipment cord when attaching the surface mount box.

**Step 3** – Loosen the thumb nuts by approximately 1 or 2 turns to allow the bracket to slide in the slots located beneath the thumb nuts. Place the access point in the opening (Figure 2).

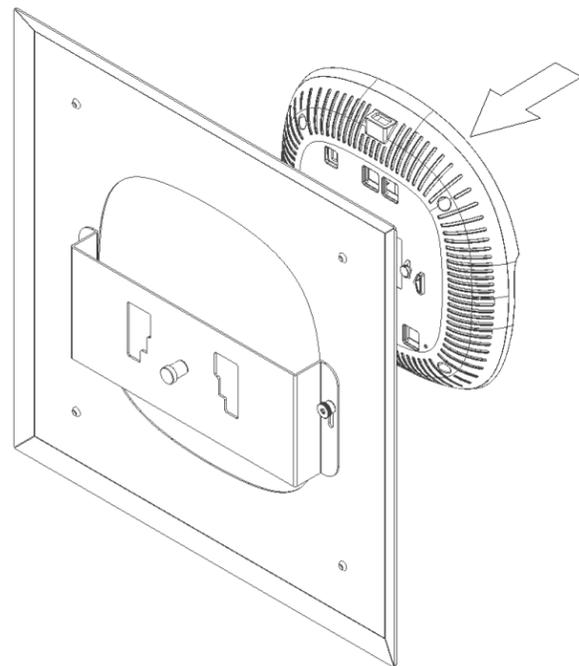


Figure 2 - T-Bar Clip Install

**Step 4** – The mounting pegs on the bottom of the access point should protrude into the widest portion of the mounting bracket's slots. If they don't, slide the mounting plate so that the mounting pegs fall into the widest section of the mounting brackets slots. Lock the access point in place by sliding the mounting bracket in the direction shown in Figure 3. The plunger on the mounting bracket will fall into the hole on the back of the access point locking it into place. Complete the assembly by securely tightening the thumb nuts.

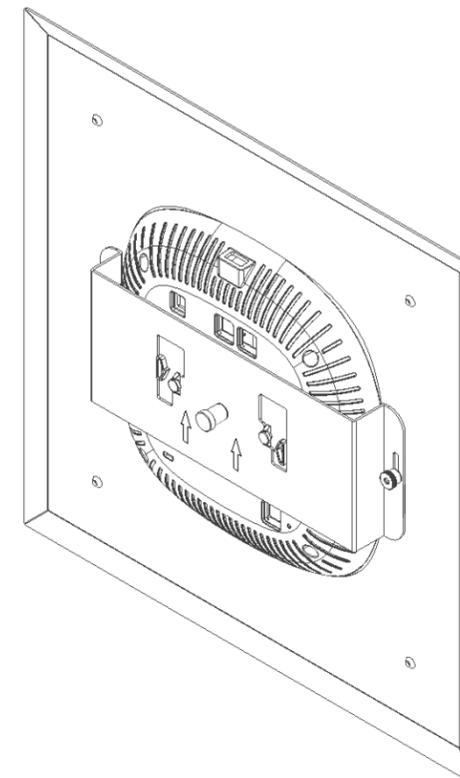


Figure 3 - Lock AP Into Trim

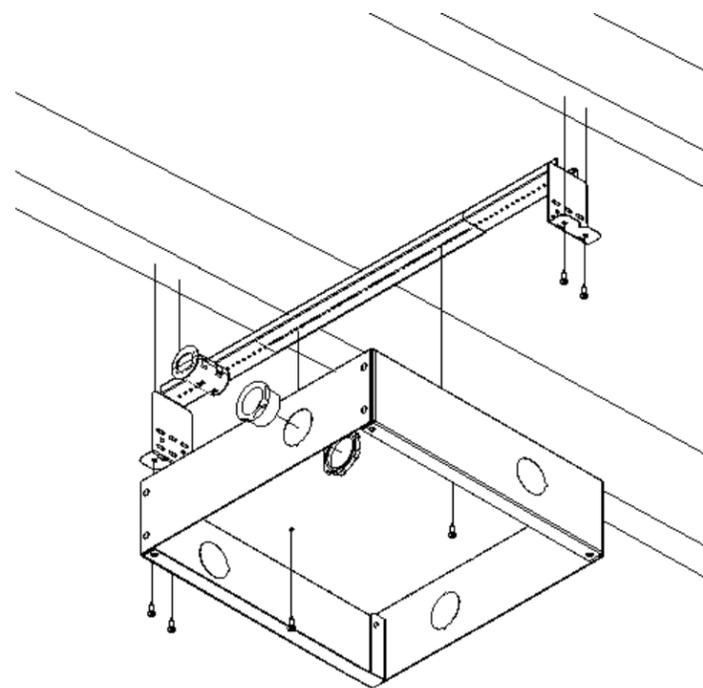
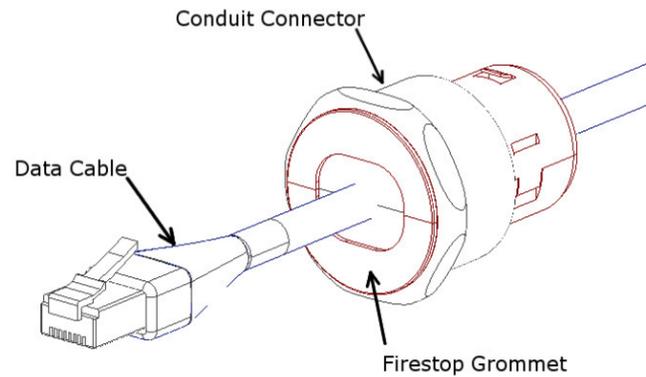


Figure 4 - Installation Into Wall/ Ceiling

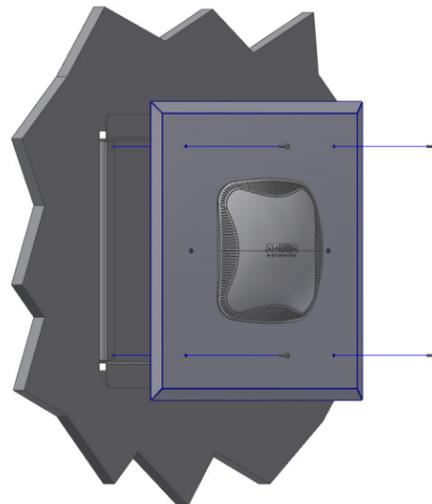
**Step 5** – Attach box mounting bracket to studs and secure the back box to the bracket using self-tapping screws (Figure 4).

**Step 6** – Once the assembly has been installed in the wall or ceiling and secured using wall/ceiling bridges, run the Ethernet cable into the enclosure through the conduit connector located on the side of the *access point* enclosure and attach to the access point prior to installing. Clamp the firestop grommet around the cable far enough to allow attachment to the access point (8" - 10"). Insert the grommet into the conduit fitting (Figure 5).



**Figure 5 – Firestop Grommet.**

**Step 7** – Once the access point is secured and power and Ethernet are connected, screw the trim with access point into the installed back box using the provided painted screws. The installation is now complete (Figure 6).



**Figure 6**



## MODEL 1043-AN

### Installation Instructions

**\*\*\*\* WARNING \*\*\*\***

**Please thoroughly read the product warning below before installation to provide for a safe work environment.**

1. The Cabinet System Communications are intended to be installed in accordance with the applicable requirements of the NFPA 70, "National Electrical Code" (NEC), and/or the applicable sections of ANSI C2, "National Electrical Safety Code" (NESC). The Authority Having Jurisdiction will be responsible over the final installation to determine if the final configuration meets the necessary criteria for the installation and use.
2. The Cabinet System Communication is configured in the field by qualified service personnel.
3. Ambient Temperature - A manufacturer's maximum specified operating ambient of 55°C; so that the installer is able to determine acceptability of use of Accessories and components in the operating state.
4. A readily accessible disconnect device shall be incorporated in the building installation wiring.
5. The instructions may include the product Load Ratings or those ratings shall be placed on the product. Maximum weight to be installed in the unit is 25 lbs
6. Only Listed ITE products shall be installed within the enclosure.
7. This product is to be repaired by personnel trained by the manufacturer or returned to the manufacturer for repair or replacement.
8. All knockouts, openings, and holes shall be sealed with a plug constructed of metal, or a non-metal material that complies with UL 2043 or UL 1479.
9. All unused mounting holes should be sealed with tape or other material that complies with UL 1479.
10. AC power is NOT to be used inside the enclosure