

NOTE: The access point/receiver plate assembly is locked into the ceiling mount using the key. The turning of the key activates a cam mechanism that slides the locking plate underneath the receiver plate, thus, locking the slotted bosses located on the bottom of the receiver plate. Once the access point/receiver plate assembly is installed and the key is removed, the access point is securely mounted in the ceiling mount and cannot be removed without the key. Additional security measures (i.e. Kensington lock, etc.) are not required.

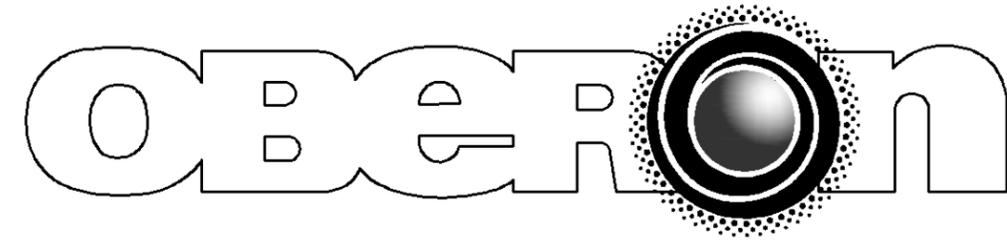
Step 5 – Place the access point/receiver plate assembly in the opening of the ceiling tile mount (reference *Figure 5*). If the key was previously turned the proper direction, the access point should drop in and self-center.

⚠ NOTE: If the access point does not drop fully into the opening, turn the key 180° and repeat step 5.

Step 6 – After verifying that the access point is properly seated within the opening, turn the key 180° to lock the access point/receiver plate assembly in place. The key should require minimal effort to turn. If excessive force is required to turn the key, verify that the access point/receiver plate assembly is properly seated within the opening and then retry turning the key.



Figure 5 – Proper positioning of AP within the 1068 enclosure. Note that the access point should be located within the AP mount so that the LED is located facing away from the lock



MODEL 1068-00

Installation Instructions

****** WARNING ******

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

1. Ceiling mounted products should be installed in accordance with National Electric Code paragraphs 300.10 (Electrical Continuity of Metal Raceways and Enclosures) and 300.11 (Securing and Supporting). Independent support wires or other means must be used for the installation of this product in the ceiling. Acoustical, suspended, false, drop and concealed spline ceiling grid work is not designed to support the weight of this product. Oberon's ceiling mounted products have four support wire tabs on the back box. These tabs shall be used for supporting the product with independent support wires, wire rope, threaded rod, or other secure support means of adequate gauge and fire resistance. A UL listed anchor or fastener suitable for the building material and type of construction shall be used to anchor the support mechanism.
2. The Cabinet System Communication is configured in the field by qualified service personnel.
3. When closing the enclosure access door, be sure that the cam lock is completely engaged to prevent the access door from accidentally swinging open.
4. When opening the enclosure door, be sure to support the door to prevent the door from accidentally falling open.
5. This enclosure has a maximum operating ambient of 55 °C (131 °F). The temperature within the enclosure may not exceed this temperature, depending on power dissipation within enclosure.
6. A minimum air clearance of 1" between the housing of the access point and the enclosure side walls must be maintained for the safe operation of the equipment.
7. This product is intended to be installed by trained personnel.
8. Only Listed ITE products shall be installed within the enclosure.
9. This product is to be repaired by personnel trained by the manufacturer or returned to the manufacturer for repair or replacement.
10. Maximum weight to be installed in the unit is 25 lbs.
11. 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.
12. All unused mounting holes should be sealed with tape or other material that complies with UL 1479.
13. AC Power is not to be used inside the enclosure.
14. A readily accessible disconnect device shall be incorporated in the building installation wiring.
15. See OSHPD approved installation drawing where applicable.

Installation Instructions

Model Number 1068-00

Assembly Components:

- (1) Ceiling Tile Mount
- (1) Receiver Plate
- (1) Dual Cable Egress Firestop Grommet
- (1) 1 in. Trade Size Conduit Connector
- (2) M4 x 0.7 mm Flat Head Screws
- (2) #6-32 x 1/4" Pan Head Screws
- (1) Cable Tie
- (2) Keys for Lock
- (4) Hanger Wires

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

ITEMS TO NOTE:

Item 1 – The back side of the enclosure has a knockout that will accommodate a cable clamp that will be used to bring in the Ethernet cable (Reference Figure 1).

Item 2 – Each corner of the back box has a tab with a hole through it. These tabs are to be used to attach the enclosure to a permanent structure within the ceiling using grid wire (provided) or other connecting devices.

Item 3 – The enclosure uses a receiver plate that is compatible with a wide variety of AP models. See AP mounting legend in 1068-00 customer print.

Item 4 – To attach the access point/ receiver plate assembly, place the key in the lock and turn it counter-clockwise (note that the key may already be turned as far as it will go). There are four 1/4" openings on the front surface of the enclosure, verify that the locking plate below is positioned so that you can see the round hole at the end of the slot in the opening.

Item 5 – The receiver plate has four keyway studs located on the bottom that will fit into the four 1/4" openings on the front of the enclosure. Align the keyway studs with the openings and guide the receiver plate into place. To lock the access point/receiver plate assembly in place, turn the key 180° clockwise (Reference Figure 2).

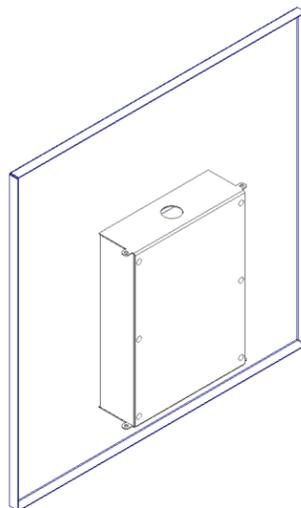


Figure 1 – Back of 1068-00 enclosure

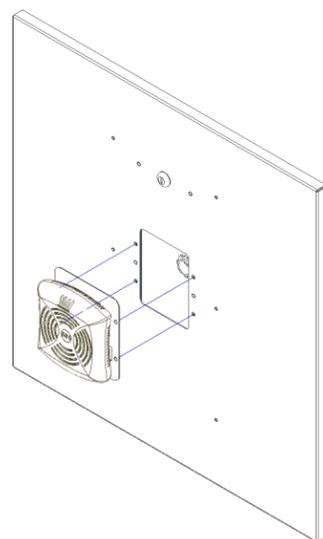


Figure 2 – Close-up showing installation of the access point attached to the Oberon receiver plate

CEILING INSTALLATION:

Step 1 – Remove the ceiling tile and replace it with the ceiling tile mount.

Step 2 – Use minimum 12-gauge grid wire to attach the ceiling tile mount to the ceiling. Attach one end of the wire to the eye tabs and the other end to a permanent structure within the ceiling, such as a ceiling joist (Reference Figure 3).

⚠IMPORTANT**** - This is an important safety feature that could prevent human injury or damage to the access point should the unit become dislodged from the ceiling.

Step 3 – Run the data and power cable (if required) through the conduit connector located on the side of the ceiling tile mount. Pull the data cable through the conduit connector far enough to allow attachment to the access point (8" - 10"). Snap the grommet on to the cable and slide it inside the conduit connector (Reference Figure 4).

Step 4 – Attach the Ethernet cables to the access point from the front side of the AP mount.

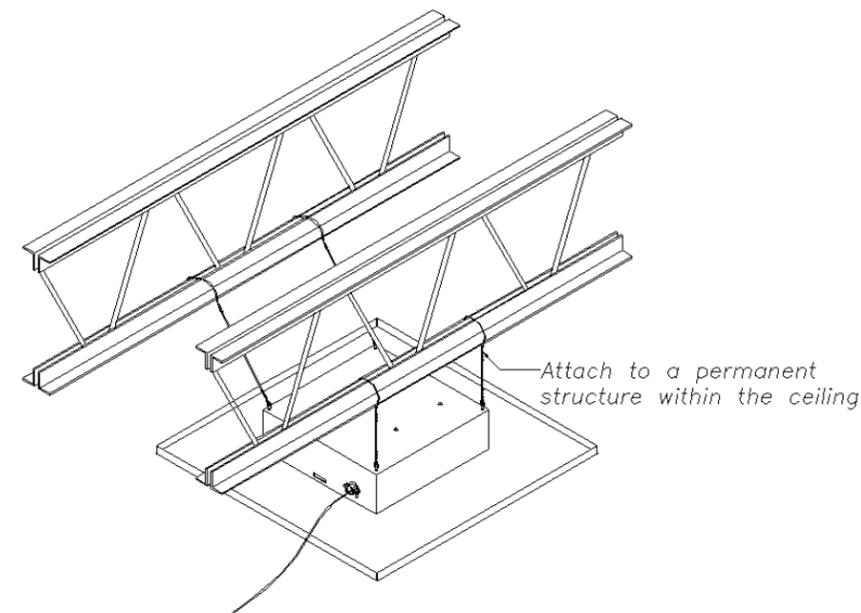


Figure 3 - Installation of grid wires and Ethernet cable.

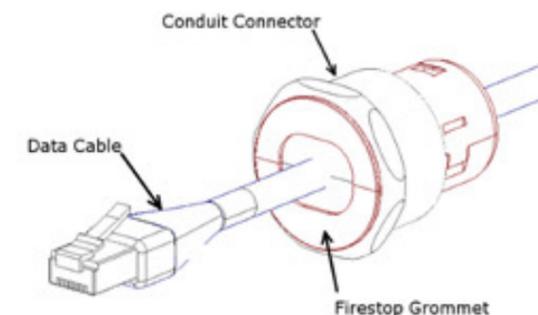


Figure 4 – Pull the data cable through the conduit connector far enough to allow attachment to the access point (8" - 10"). Snap the grommet on to the cable and slide it inside the conduit connector.