

RECESSED CEILING INSTALLATION KIT FOR THE IN-CEILING™ HALF-RECESSED ENCLOSURE

For gypsum board or hard ceiling applications - fits the Vaddio™ ClearVIEW™ HD-20, HD-19 and HD-18 Pan/Tilt/Zoom Cameras

Part Number: 998-2225-051

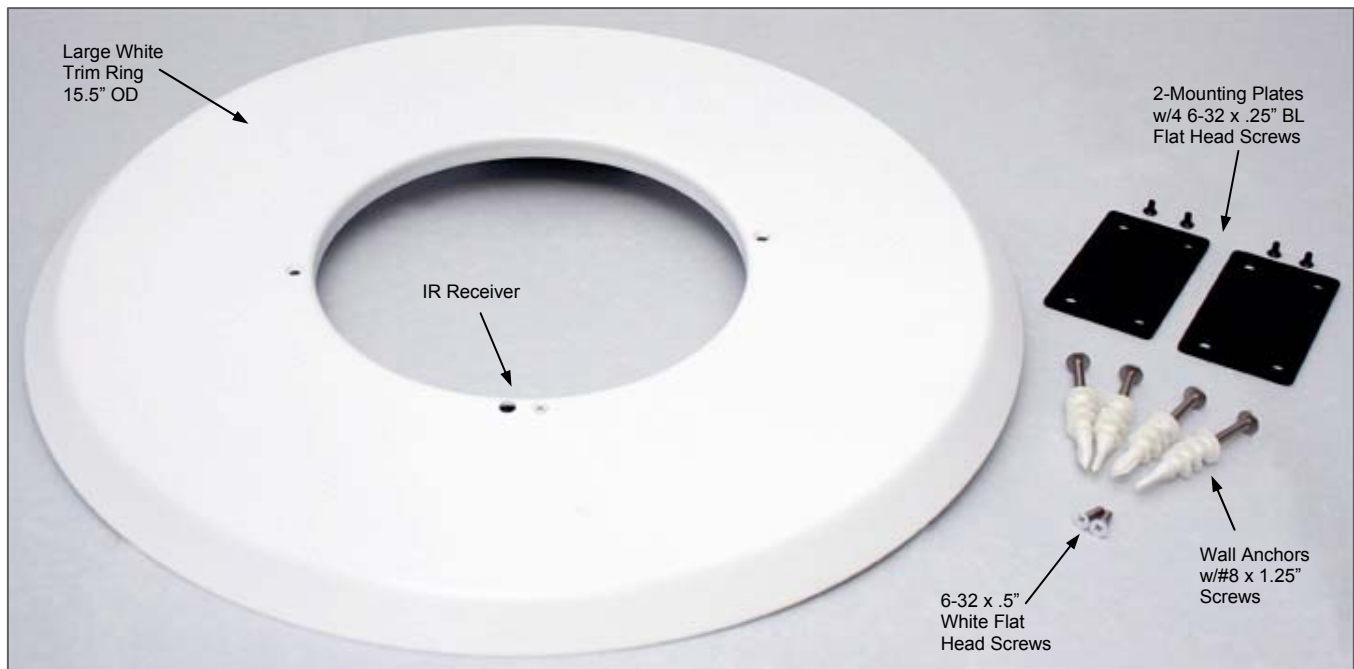


Figure 1: Recessed Ceiling Installation Kit with Call-outs

Overview:

The Vaddio Recessed Ceiling Installation Kit for the IN-Ceiling Half-Recessed Enclosure was designed to provide integrators with an easy to install solution for mounting Vaddio ClearVIEW HD-20, HD-19 and HD-18 Pan/Tilt/Zoom Cameras into gypsum board or hard ceiling applications. The kit allows the integrator to install the enclosure from below the ceiling and have a trim ring large enough to cover the entire back box enclosure. Please use this manual along with the manual, Document Number 342-0177, to install the enclosure into a recessed, hard ceiling application.

The 998-2225-051 Recessed Ceiling Installation Kit includes:

- One (1) Large Trim Ring (15.5" / 393.7mm OD) with IR Receiver Board Attached
- Two (2) 6-32 x .5" White Flat Head Screws for Trim Ring
- Two (2) Mounting Plates (when attached to enclosure, acts as mounting flanges)
- Four (4) 6-32 x .25" Black Flat Head Screws (to attach the Mounting Plates to enclosure)
- Four (4) Spiral Wall Anchors
- Four (4) #8 x 1.25" Sheet Metal Screws for Wall Anchors
- One (1) User Manual

Installation Notes:

- Before starting the installation of the enclosure and camera, check above the ceiling where the camera is to be installed to verify the area is clear of obstructions and confirm that there is adequate room for the camera enclosure.
- All above-ceiling work must conform to local building codes and should be performed by qualified personnel. There is a clamp down 3/4" conduit connector on the side back box that can be switched out to an EMT type connector to seal the box for areas that have building codes that require conduit for all cabling.
- Before cutting the hole in any ceiling, always measure twice and then check your work, then cut once.

STEP-BY-STEP Installation Instructions:

Step 1:

For the most seriously obvious reasons, a ladder is required to install the IN-Ceiling Half-Recessed Enclosure and Vaddio PTZ camera into a ceiling. Safety comes first, so please use safe tools, ladders and installation practices.

Choose the location where the enclosure and camera are to be installed. Make sure that it is not too close to a wall or ceiling fixture or lighting fixture that will serve to interfere with proper operation of the trim ring, camera lens or iris. Mark the optimum location on the ceiling of both the back box (for the hole cut-out) and the trim ring.



Step 2:

The back box of the IN-Ceiling Half Recessed Enclosure is not symmetrical. It is 8" (203.2mm) wide x 12" (304.8mm) long. Take care in positioning the front camera back box to optimize the performance and viewing angles of the PTZ camera.

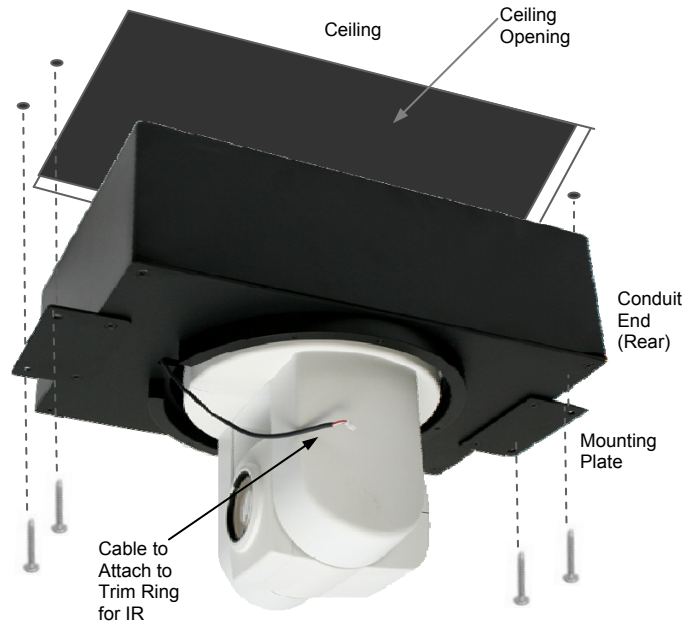
An opening in the ceiling should be cut to the following dimension: 8.25" (209.55mm) W x 12.25" (311.15mm) L.

Step 3:

After the hole in the ceiling is cut, pull the Cat-5e cables through the opening and connect the camera as directed in the manual for the enclosure in Document Number 342-0177.

Step 4:

Attach the mounting plates with the provided 6-32 x .25" black flat head screws and dry fit the enclosure into the opening. Push the conduit end in first and lift it into the opening. Mark the position of the wall anchors on the ceiling through the mounting plates. The mounting plate on the conduit connector (rear) side of the enclosure may have to be attached after the enclosure is lifted into the ceiling (depending on ceiling thickness and structure). For some installations, the conduit connector may have to be removed altogether - in this case, make sure that the building codes permit the connector removal and provide proper strain relief for the cables.



Remove the enclosure and install the spiral wall anchors or any other drywall anchor (like a toggle bolt - not supplied) of the integrator's choice or preference.

Step 5:

Before attaching the enclosure to the ceiling, it is probably a good idea to test the camera for video and PTZ control. Plug the large trim ring into the IR cable and apply power to the Quick-Connect SR Interface or the Quick-Connect DVI/HDMI SR Interface according to the Document 342-0177. With the IR Remote, turn on the camera, check the video outputs on the Quick-Connect and move (pan, tilt and zoom) the camera. Unplug the trim ring and drop the power to the Quick-Connect.

Step 6:

After the camera has been tested and the wall anchors are installed, lift the enclosure into the opening, tuck the cabling in first, and secure the enclosure to the ceiling. Plug in and attach the trim ring with the white screws

Step 7:

Continue the installation according to Document 342-0177.

Always a Better Way...

Quite often, there are better methods of installation than described herein. An integrator may want the extra security of toggle bolts on the gypsum board ceiling or additional bracing for the enclosure. Please feel free to improve your installation in anyway possible and keep in mind that safety always comes first, so again please use safe tools, ladders and installation practices.

Warranty Information:

(See Vaddio Warranty, Service and Return Policies posted on vaddio.com for complete details):

Hardware* Warranty: One year limited warranty on all parts. Vaddio warrants this product against defects in materials and workmanship for a period of one year from the day of purchase from Vaddio. If Vaddio receives notice of such defects during the warranty period, they will, at their option, repair or replace products that prove to be defective. Please see Vaddio's Service Terms and Conditions at vaddio.com for specific details and policies.

Exclusions: The above warranty shall not apply to defects resulting from: improper or inadequate maintenance by the customer, customer applied software or interfacing, unauthorized modifications or misuse, operation outside the normal environmental specifications for the product, use of the incorrect power supply, improper extension of the power supply cable or improper site operation and maintenance.

Vaddio Customer Service: Vaddio will test, repair, or replace the product or products without charge if the unit is under warranty and is found to be defective. If the product is out of warranty, Vaddio will test then repair the product or products. The cost of parts and labor charge will be estimated by a technician and confirmed by the customer prior to repair. All components must be returned for testing as a complete unit. Vaddio will not accept responsibility for shipment after it has left the premises.

Vaddio Technical Support: Vaddio technicians will determine and discuss with the customer the criteria for repair costs and/or replacement. Vaddio Technical Support can be contacted through one of the following resources: e-mail support at support@vaddio.com or online at www.vaddio.com.

Return Material Authorization (RMA) Number : Before returning a product for repair or replacement, request an RMA from Vaddio's technical support. Provide a technician with a return phone number, e-mail address, shipping address, and product serial numbers and describe the reason for repairs or returns as well as the date of purchase and proof of purchase. Include your assigned RMA number in all correspondence with Vaddio. Write your assigned RMA number on the outside of the box when returning the product. All products returned for credit are subject to a restocking charge without exception.

Voided Warranty: The warranty does not apply if the original serial number has been removed or if the product has been disassembled or damaged through misuse, accident, modifications, or unauthorized repair. Cutting the power supply cable on the secondary side (low voltage side) to extend the power to the device (camera or controller) voids the warranty for that device.

Shipping and Handling: Vaddio will not pay for inbound shipping transportation or insurance charges or accept any responsibility for laws and ordinances from inbound transit. Vaddio will pay for outbound shipping, transportation, and insurance charges for all items under warranty but will not assume responsibility for loss and/or damage by the outbound freight carrier.

• If the return shipment appears damaged, retain the original boxes and packing material for inspection by the carrier. Contact your carrier immediately.

Products Not Under Warranty: Payment arrangements are required before outbound shipment for all out of warranty products.

*Vaddio manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry standard practices.

Other General Information:

Care and Cleaning

- Do not spill liquids in the product
- Keep this device away from food and liquid
- For smears or smudges on the product, wipe with a clean, soft cloth
- Do not use any abrasive chemicals.

Operating and Storage Conditions:

Do not store or operate the device under the following conditions:

- Temperatures above 40°C (104°F) or temperatures below 0°C (32°F)
- High humidity, condensing or wet environments
- In inclement weather
- In swimming pools, waterfalls or outer space
- Dry environments with an excess of static discharge

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

vaddio