Ceiling Cable | Small Canopy | Remote Power | Single Rail
BoxRail®, RaceRail®, WingRail® | 107

Please read instructions in their entirety before proceeding with any part of the installation. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. Consult a qualified electrician to ensure correct branch circuit rating. To prevent electric shock, disconnect all power before installing or servicing product. Rated for use in dry and damp locations only. Retain instructions for future reference.

Technical Support: 707-996-9898

Installed View

BoxRail®, RaceRail®, WingRail®
NOTE: Single rail systems do not have any double mounting components.

NOTE: WingRail rail orientation is very important. Be sure wire harness connection (power) is on the right side of the rail and it is oriented as shown.

1. Install Power Supply
   RLP-XX...UNV
   Remote Power Supply Housing

2. Install Mounting Plate
   CAN-107-CC-UMP-XX
   Universal Mounting Plate

3. Preparing Ceiling Cable Hardware
   Conduit provided by others
   Junction Box provided by others

4. Connect Wire Harness
   22 Gauge Power Cord

5. Install Canopy
   107-BX-CP-XX-CC-2R-2C-YY
   BoxRail Coupler w/ Small Canopy
   -or-
   107-RR-CP-XX-CC-2R-2C-YY
   RaceRail Coupler w/ Small Canopy
   -or-
   107-WG-CP-XX-CC-2R-2C-YY
   WingRail Coupler w/ Small Canopy
   (shown)

6. Install Rail
   107-WG-XX...YY
   WingRail shown

5. Install Canopy
   107-BX-HB-XX-CC-2R-2C-YY
   BoxRail Hub w/ Small Canopy
   -or-
   107-RR-HB-XX-CC-2R-2C-YY
   RaceRail Hub w/ Small Canopy
   -or-
   107-WG-HB-XX-CC-2R-2C-YY
   WingRail Hub w/ Small Canopy
   (shown)

5. Install Canopy
   107-BX-CP-XX-CC-2R-2C-YY
   BoxRail Coupler w/ Small Canopy
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   -or-
   107-WG-CP-XX-CC-2R-2C-YY
   WingRail Coupler w/ Small Canopy
   (shown)
Installation Instructions

1 Install Remote Power Supply and Junction Box

IMPORTANT! Accurate placement and alignment of junction boxes is critical as it will determine the alignment of the entire system.

IMPORTANT! Vode small canopy mounting hardware designed for 5/8" drywall.

Mount 4” J-Box in desired location using the center to center dimensions on page 6. The Vode wire harness is plenum rated. If necessary, install conduit per local building code. Make conduit connections between remote power supply housing and 4” J-Box. Conduit and conduit adapters provided by others. All mounting locations will require a jbox for installation but only one side of each rail requires power.

Install power supply housing to desired surface with screws (provided by others). Ground all housings using provided green/yellow lead. Housing should be mounted in an area that is accessible after installation. Bring power into system by removing one of 6 provided knockouts, connecting ground/earth to green slot in the quick disconnect, common/neutral to white slot in quick disconnect and line/hot to black slot in quick disconnect. Insert wire harness through j-box and feed wire harness through j-box to remote power housing, as shown below. Connect wire harness to power supply using the Red (+) and Black (-) tinned leads.

For remote power supply maximum distance or other wiring questions, please consult Vode Driver Guide.

DO NOT POWER ON SYSTEM
Installation Instructions

2 Install Universal Mounting Plate and Drywall
Mount universal mounting plate to junction box using provided screws. Install 5/8" drywall, cutting a 2.5" diameter hole for mounting plate flange. Mounting plate flange should be flush with drywall.

3 Preparing Ceiling Cable Hardware
Adjust cable for Hub/Coupler Mounting Assembly by firmly pressing cable gripper into suspension disk and pulling cable. Release cable gripper and tighten strain relief set screw to secure cable.

4 Connect Wire Harness
Install 5/8" drywall. Connect wire harness, as shown. Push remaining cable inside junction box.

5 Securing Suspension Disk and Canopy
Press suspension disk into universal mounting plate and fine tune cable length using cable gripper. When complete, secure suspension cable by gently tightening hex screw. Do not over tighten! Slide canopy up suspension cable to suspension disk. Magnets in suspension disk will secure canopy in place.
Install Rail to the Hub/Coupler

Snap the rail into the hub/coupler, paying special attention to which end is powered. The rail will have two ends, one end cap will have a green circle, this end is inserted into the powered side of the hub/coupler. The other end cap will have a red circle, this end is inserted into the non-powered side of the hub/coupler. Once rail is installed firmly into the hub/coupler and is facing in the desired direction, tighten the installed set screws using the provided hex key. Power system ON.

NOTE: Coupler is supplied with a powered and non-powered side.
**Trouble Shooting Guide**

**Fixture will not turn on:**

Check all wiring is correct and all connections are fastened properly.

If all wiring is correct, remove fixture and connect it to a known working driver.
If the fixture lights up, then the problem is with the installed driver or wiring:
1) Check line voltage to driver is present.
2) Check driver wiring (see Vode Driver Guide for details) and check wiring to fixture.
3) Check driver and dimming system are compatible (see Vode Dimmer Guide and the dimmer manufacturer's website).

If fixture still doesn't light up, check all dimming wires are installed correctly. Reversed polarity at any point in the system will cause the entire system to not work, (see Vode Driver Guide for wiring details).

**Fixture is not dimming properly:**

Check all wiring is correct and all connections are fastened properly.

Check driver wiring (see Vode Driver Guide for details). Make sure driver is compatible with dimming controls (see Vode Dimmer Guide and the dimmer manufacturer's website).

**Rail is not rotating:**

DO NOT FORCE RAIL! When properly installed, rails will turn easily.

Check that both hub set screws are loose. If rail will still not turn, uninstall rail from arms, paying attention to the wire harness connection. Check that both hubs and arm tabs are rotated in the same direction.

For any help with installation or technical information, contact Vode Tech Service at 707-996-9898.

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**Important Notes**

- Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA
- Operating Temperature: 32°F to 104°F (0°C to 40°C).
- Input Voltage: 120v - 277v, 50/60hz.
- Power Type: Class 2 (<60v) constant current driver.
- Dimming curve is factory preset to linear. Logarithmic is available upon request. See Vode Driver Guide for specific details and wiring diagram.
- Unless specified, one driver per rail will be supplied.
- 5 Year Limited Warranty. All material and component parts manufactured by Vode are guaranteed to be free from defects of material and/or workmanship for a period of 5 years from date of sale. Product must be installed according to Vode installation instructions and accepted trade practices. Power supplies and other auxiliary equipment is not covered under Vode warranty but may be covered by separate OEM warranty.

**Remote Driver Distance**

**Note:** All Vode remote drivers come in a 1/16” (0.8mm) formed steel, zinc chromate plated power supply housing with six (6) knockouts for 1/2” NPT fittings. Power supply housing dimensions: 1.9” (48.3 mm) x 1.9” (48.3 mm) x 24.5” (622.3 mm)

<table>
<thead>
<tr>
<th>Driver</th>
<th>Maximum Remote Distance</th>
</tr>
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<tbody>
<tr>
<td>EldoLED</td>
<td>72’ (21.9 m)</td>
</tr>
<tr>
<td>Philips</td>
<td>32’ (9.8 m)</td>
</tr>
<tr>
<td>OSRAM</td>
<td>16’ (4.88 m)</td>
</tr>
<tr>
<td>Lutron</td>
<td>Zipper board: Standard / Low Output: 30’ (9.14 m), High Output: 15’ (4.57 m)</td>
</tr>
</tbody>
</table>

For other wiring questions, see Vode Driver Guide.