

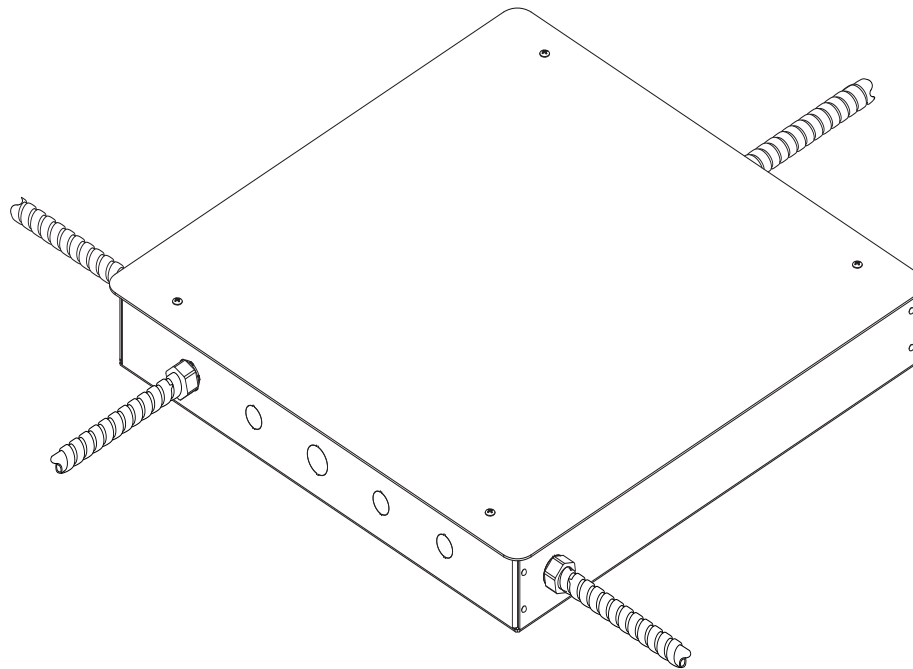
## VodeNODE | Remote Power System

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 or [technicalsupport@vode.com](mailto:technicalsupport@vode.com)

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### Installed View

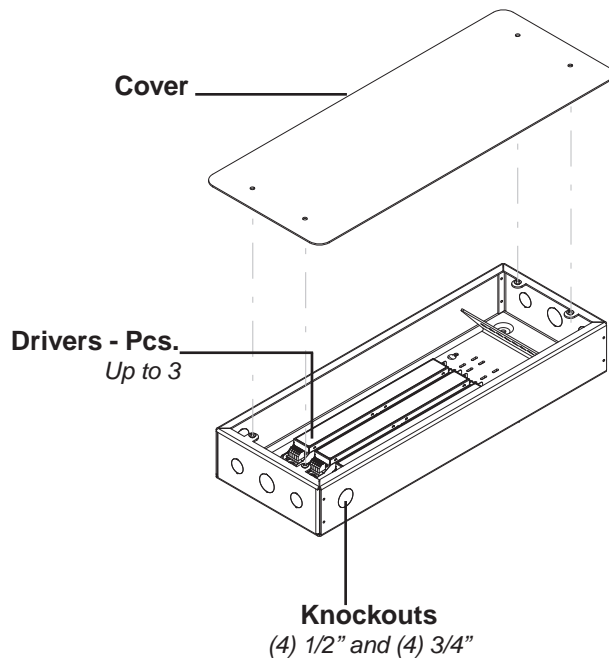


VodeNODE remote power enclosure is provided with multiple mounting points to allow for easy installation into a variety of spaces. Included in this document are installation suggestions from Vode to give inspiration on how best to include VodeNODE into your space.

Every driver housing will be provided with a system specific key specifying which driver has been provided to power which rail. Please contact factory for any questions.

**VodeNODE 8" x 22"**

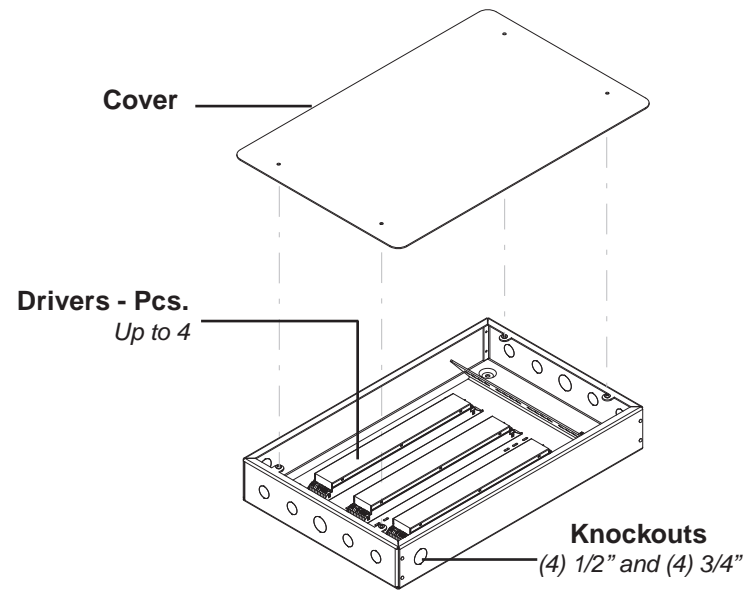
**NOTE:** Approx 9.4 lbs when fully loaded.  
Weight varies with driver configuration  
(Figure 1)



**Figure 1**

**VodeNODE 14" x 22"**

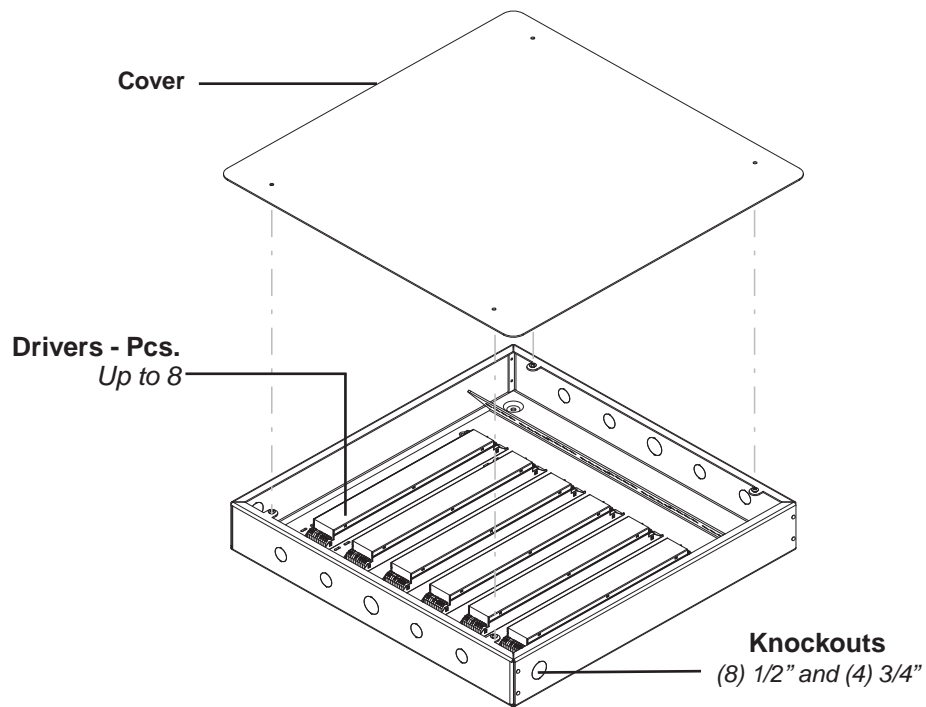
**NOTE:** Approx 15.0 lbs when fully loaded.  
Weight varies with driver configuration  
(Figure 2)



**Figure 2**

**VodeNODE 22" x 22"**

**NOTE:** Approx 25.3 lbs when fully loaded.  
Weight varies with driver configuration  
(Figure 3)

**Figure 3****Driver Constraints and Limitations****Total Output Wattage**

500W for VodeNODE 22" x 22"

300W for VodeNODE 14" x 22"

200W for VodeNODE 8" x 22"

**Dimming Type**

Drivers must be of the same dimming type (AE, AT, AD, etc.)

**Driver Manufacturer**

Due to differing manufacturer warranty temperatures and ratings, we cannot spec different manufacturers in the same VodeNODE without additional, extensive testing.

## Surface Mounting

### Step 1: Removing Power Housing Cover

Remove housing cover screws and remove cover plate, making sure to set aside in a safe location to ensure cover plate is not damaged (*Figure 4*).

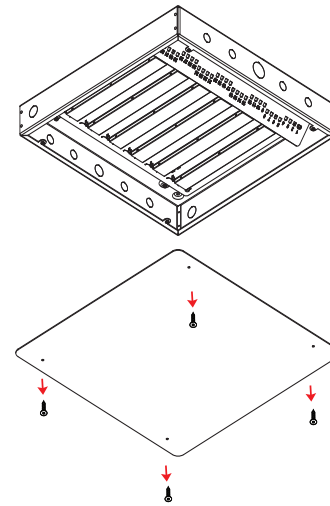


Figure 4

### Step 2: Install Housing

Locate mounting points (see appendix page 9) and secure power supply housing to surface utilizing all mounting points. Mounting hardware is not included (*Figure 5*).

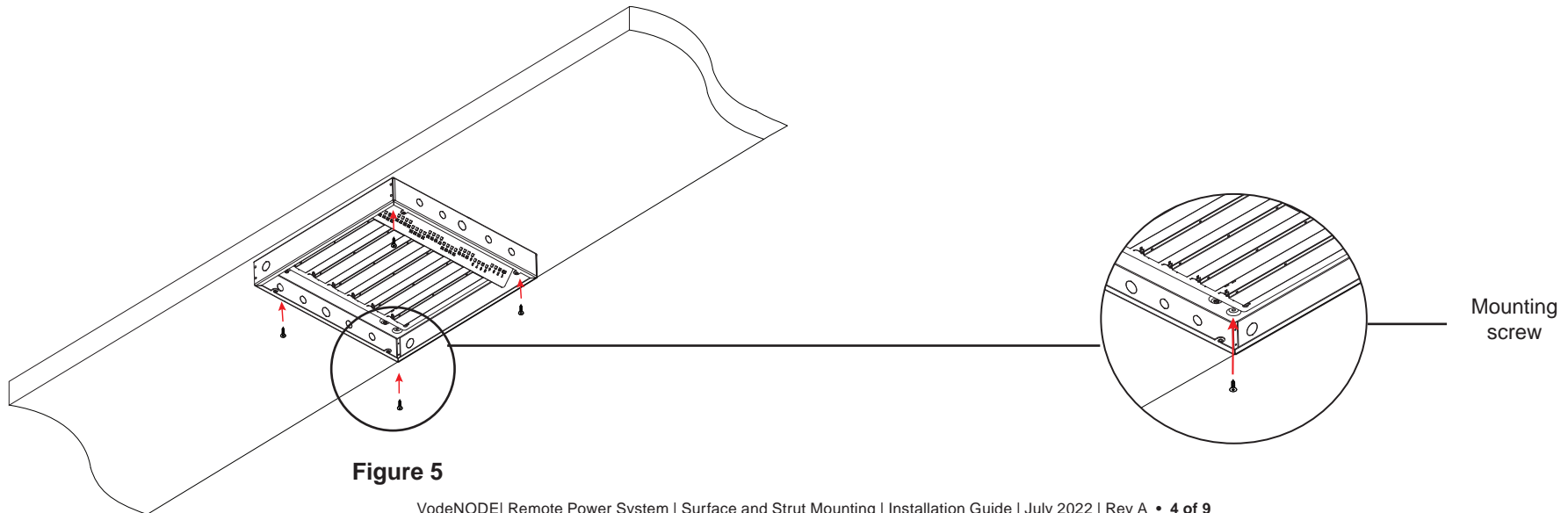


Figure 5

### Step 3: Run Line and Controls Wiring

**NOTE:** See page 9 for driver tray installation if not supplied installed.

Run line, ground, and neutral wiring, and any applicable dimming controls into power housing through any provided knockout and secure in place, using conduit as necessary per local coding. Use wire nuts (*provided by others*) to make a secure connection between all wiring. (*The provided wire leads are 18 AWG solid core*) (Figure 6).

**NOTE:** VodeNODE drivers are supplied wired in series for ease of installation, allowing for all systems attached to be controlled together, see page 8 for example. For custom systems, please contact factory.

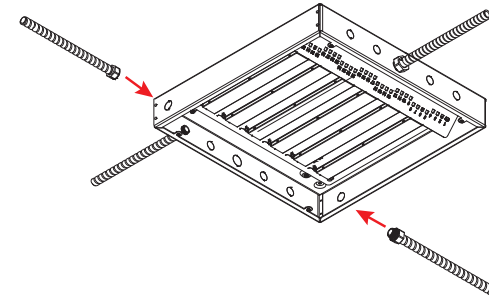


Figure 6

### Step 4: Replacing Power Housing Cover

**IMPORTANT:** Before installing power housing cover, turn system **ON** and ensure system is fully operational.

Replace power housing cover and secure in place using provided screws, making sure all wires are inside housing to ensure they are not pinched between housing and cover (Figure 7).

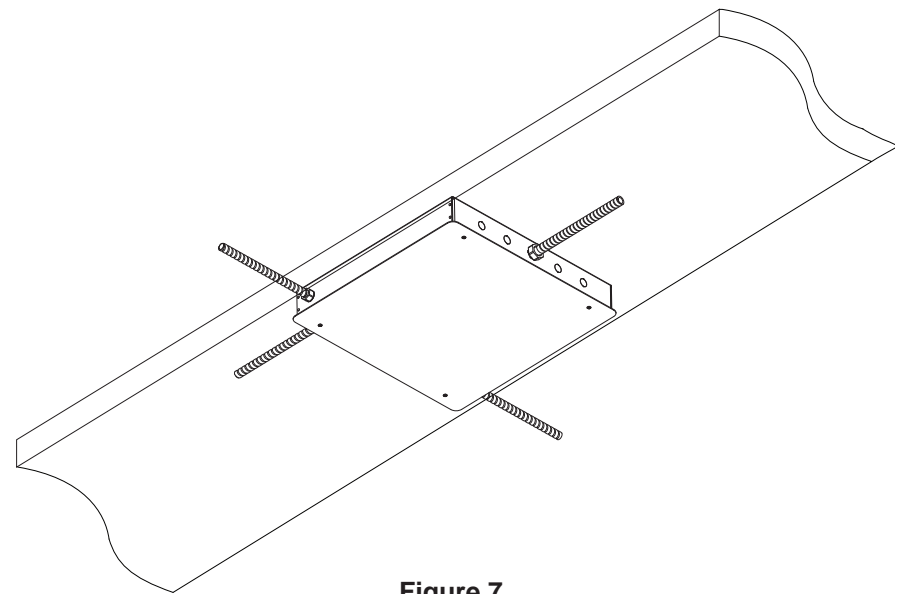


Figure 7

## Strut Mounting

### Step 1: Removing Power Housing Cover

Remove housing cover screws and remove cover plate, making sure to set aside in a safe location to ensure cover plate is not damaged (*Figure 8*).

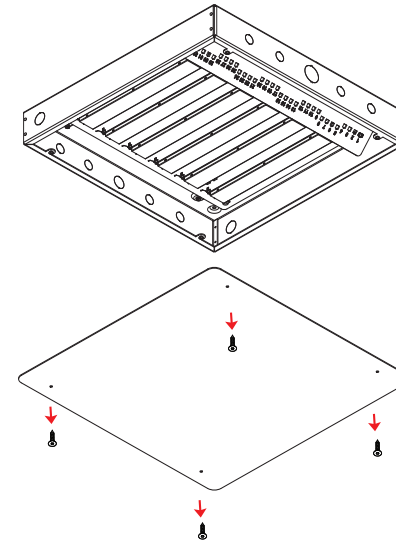


Figure 8

### Step 2: Install Housing

Secure Power Housing Supply to strut channel, using hardware provided by others (*Figure 9*). Refer page 9 for power housing tray mounting location.

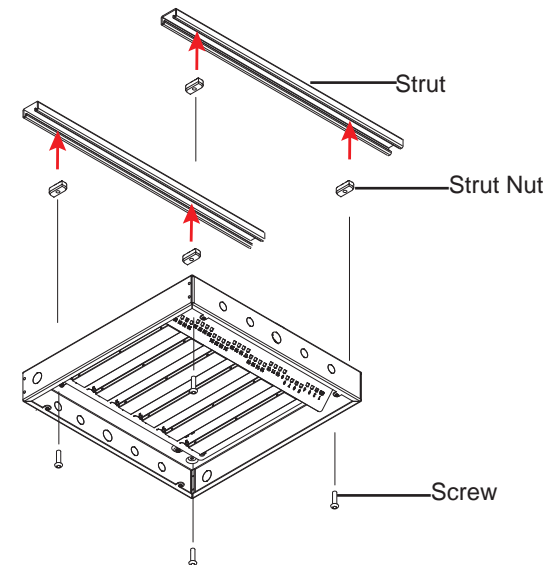


Figure 9

### Step 3: Run Line and Controls Wiring

**NOTE:** See page 9 for driver tray installation if not supplied installed.

Run line, ground, and neutral wiring, and any applicable dimming controls into power housing through any provided knockout and secure in place, using conduit as necessary per local coding. Use wire nuts (*provided by others*) to make a secure connection between all wiring. (*The provided wire leads are 18 AWG solid core*) (*Figure 6*).

**NOTE:** VodeNODE drivers are supplied wired in series for ease of installation, allowing for all systems attached to be controlled together, see page 8 for example. For custom systems, please contact factory.

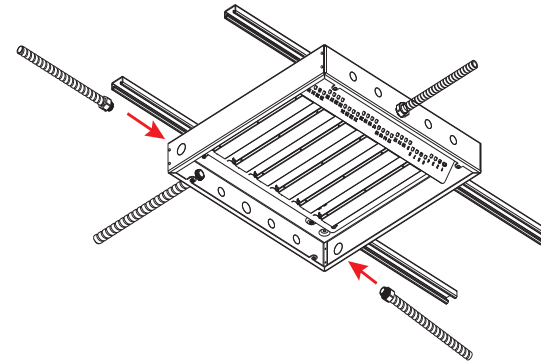


Figure 10

### Step 4: Replacing Power Housing Cover

**IMPORTANT:** Before installing power housing cover, turn system **ON** and ensure system is fully operational.

Replace power housing cover and secure in place using provided screws, making sure all wires are inside housing to ensure they are not pinched between housing and cover (*Figure 11*).

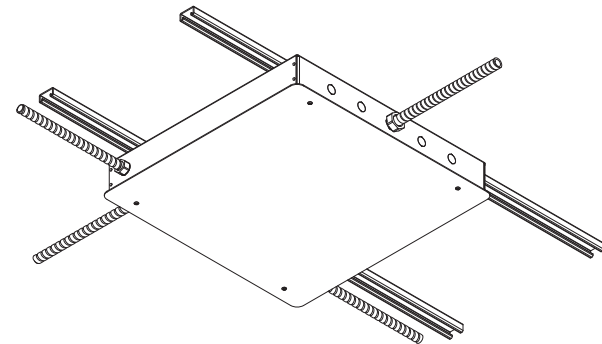
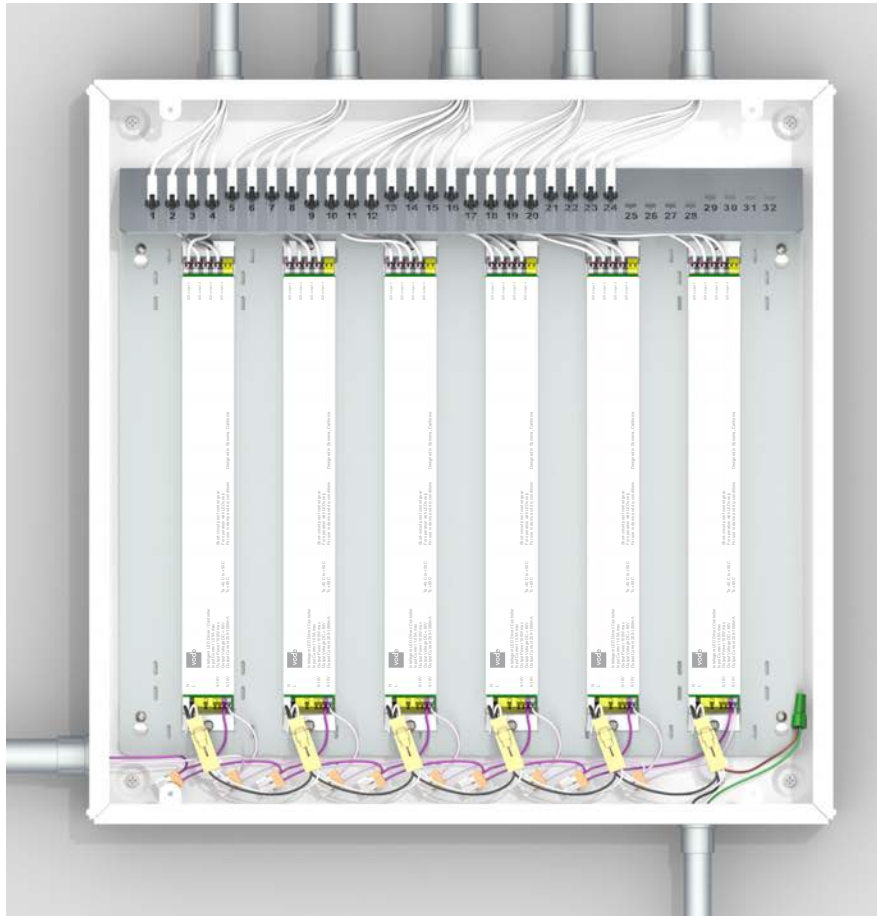


Figure 11

**Wiring Detail - Assuming MAX 24 Channels (Figure 12).**  
 (Large VodeNODE Shown)

**VODE LOW VOLTAGE WIRING**

NOTE: no more than 6 wire harnesses are recommended per 1/2" knockout

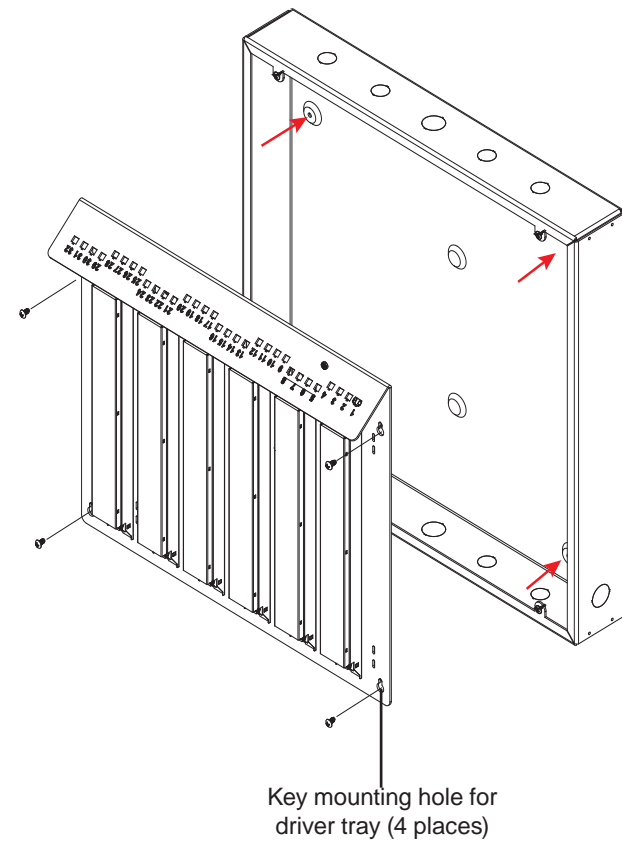


**Figure 12**

**Tray Mounting**

**If Power Housing DOES NOT Include the Drivers Tray.**

Before securing Power Housing Base to the surface, attach prepared Driver Tray to the base using provided tray mounting screws as shown (Figure 13).



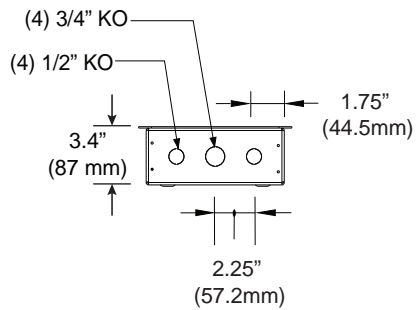
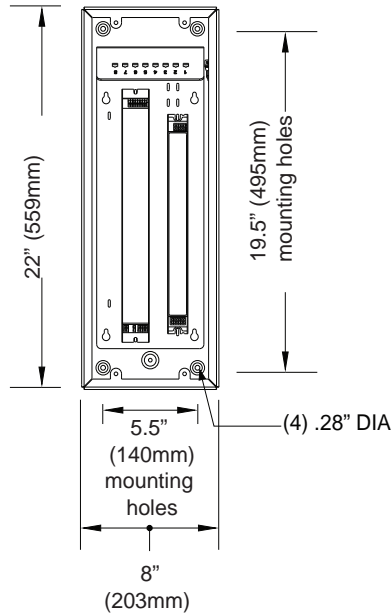
**Figure 13**



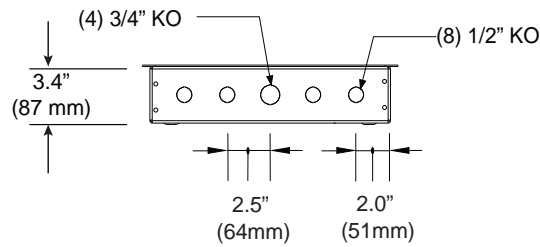
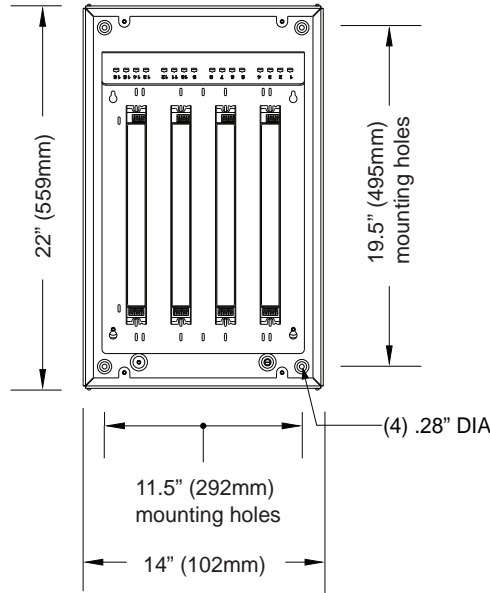
**NOTE:**

All power housing bases have 4 mounting holes (0.28" diameter) at the corner, and Vode recommended using size 1/4" screws, *provided by others*.

**VodeNODE 8" x 22"**



**VodeNODE 14" x 22"**



**VodeNODE 22" x 22"**

