**Connector Pin Assignment System Overview**

**M2 OLED**

**Digital Monitor**

**QuickStart Installation Guide**

**360 Panel Mounting Kit PN 1525 sold separately**

**Components Included**

1. 832 DC Ammeter
2. PN 8255 Shunt

**www.bluesea.com/products/1832**

**WARNING**

The WARNING symbol refers to possible injury to the user or significant damage to the monitor if the user does not follow the procedures.

**CAUTION**

The CAUTION symbol refers to restrictions and rules with regard to preventing damage.

**WARNING**

If you are not knowledgeable about electrical systems, have an electrical professional install this unit. The diagrams in these instructions pertain to the installation of the unit and not to the overall wiring of the vessel.

Verify that no other DC or AC sources are connected to the vessel’s wiring before installing the unit.

**CAUTION**

The back of the unit is not waterproof. Do not install where the back of the monitor is exposed to water.

**The M2 OLED Digital Meters come with a 5 year manufacturer’s warranty. This means the meter is warranted to be free from defects in materials or workmanship for 5 years from the date of first purchase. The warranty is limited solely to the cost of repair or replacement of the M2 Meter product. Costs associated with labor or shipping of the defective parts are not covered. Blue Sea Systems cannot accept liability for damage due to the misuse of the M2 Meter.**

**Screen Menu Functions**

Press any button to bring up the menu.

1. After start-up, press any button to access the menu.
2. Press the UP or DOWN arrow buttons to scroll through menu windows.
3. To set alarms and for more detailed information, see the online manual at www.bluesea.com/products/1832

**M2 Meter Navigation**

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<th>8 Pin Connector*</th>
<th>Function</th>
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<td>Required Connection</td>
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<tr>
<td>2</td>
<td>DC Negative</td>
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<tr>
<td>3</td>
<td>Required Connection</td>
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<td>DC Supply</td>
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<td>5</td>
<td>Relay DC Out to Load</td>
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<td>6</td>
<td>Relay DC +</td>
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<td>Shunt 1 –</td>
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<td>Shunt 1 +</td>
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<td>10</td>
<td>Shunt 2 +</td>
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<tr>
<td>11</td>
<td>USB</td>
</tr>
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<td>12</td>
<td>Micro USB Port</td>
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*The 8 pin low voltage connector supports wire sizes from 16-26 AWG

**1832 DC Ammeter Connections**

**M2 OLED Digital Monitor**

**QuickStart Installation Guide**

**1832 DC Ammeter Connections**

**Components Included**

- M2 Head Unit
- Surface Mount Bezel and Seal
- Surface Mount Cover
- Flat Mount Bezel
- Flat Mount Clamp
- Mounting Ring
- Mounting Nut
- PN 8255 Shunt (1X)

**360 Panel Mounting Kit PN 1525 sold separately**

- #6-32 x 1/4" Flat Head Machine Screws (4X)
- #6-32 x 3/8" Flat Head Machine Screws (4X)

**www.bluesea.com/products/1832**
**Mounting Options**

**Flat Mount**

360 Panel Mount PN 1525 (if retrofit to existing panel)

**STEP 1**
Use 1/4" Mounting Screws

**STEP 2**
Snap header and footer into mounting clips and post. Snap the mounting bezel into place with the flat edge up.

**STEP 3**

**Surface Mount**

NOTE: During installation use cover to align the bezel and gasket

**Mounting Templates**

Flat Mount

Surface Mount

<table>
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<th>Dimension</th>
<th>Unit</th>
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<td>3.40&quot;</td>
<td>(86.5mm)</td>
</tr>
<tr>
<td>3.46&quot;</td>
<td>(87.9mm)</td>
</tr>
<tr>
<td>Ø2.125&quot;</td>
<td>(54mm)</td>
</tr>
<tr>
<td>3.40&quot;</td>
<td>(76.2mm)</td>
</tr>
<tr>
<td>3.34&quot;</td>
<td>(84.8mm)</td>
</tr>
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</table>