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.

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.

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

CAUTION
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.

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.

**Connector Pin Assignment System Overview**

**Connector Pin Assignment Table**

<table>
<thead>
<tr>
<th>8 Pin Connector*</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Required Connection</td>
</tr>
<tr>
<td>2</td>
<td>Required Connection</td>
</tr>
<tr>
<td>3</td>
<td>DC Negative</td>
</tr>
<tr>
<td>4</td>
<td>DC Supply</td>
</tr>
<tr>
<td>5</td>
<td>DC–Out to Load</td>
</tr>
<tr>
<td>6</td>
<td>Temperature 1</td>
</tr>
<tr>
<td>7</td>
<td>Temperature 2</td>
</tr>
<tr>
<td>8</td>
<td>Temperature 3</td>
</tr>
<tr>
<td>9</td>
<td>Temperature 4</td>
</tr>
<tr>
<td>10</td>
<td>Micro USB Port</td>
</tr>
</tbody>
</table>

*The 8 pin low voltage connector supports wire sizes from 16-26 AWG

**M2 Meter Navigation**

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/1841

**Warranty**

For the online manual that includes other configurations, go to www.bluesea.com/products/1841

Note: The negative feed of all of the temperature sensors should terminate as close as possible to pin 1. Use Blue Sea Systems’ PN 2304 Mini Bus with a short 18 AWG guage wire from pin 1 to the Mini Bus.

**1841 Temperature Monitor Connections**

**Temperature Sensor Connections 1821**

1821 Temperature Sensor

**Components Included**

- M2 Head Unit
- Surface Mount Bezel and Seal
- Surface Mount Gasket
- Surface Mount Cover
- Flat Mount Bezel
- Flat Mount Clamp
- Mounting Ring
- Mounting Nut
- Connector
- Screwdriver (metal package only)

**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/1841
**Mounting Options**

**Flat Mount**

- Mounting Substrate
- Clamp
- M2 Head Unit
- Flat Mount Bezel

**Surface Mount**

- Mounting Substrate
- M2 Head Unit
- Surface Mount Cover
- Surface Mount Bezel and Seal

**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**

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

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

**Mounting Templates**

**Flat Mount**

- 3.40" (86.5mm)
- 3.00" (76.2mm)

**Surface Mount**

- 3.46" (87.9mm)
- 3.00" (76.2mm)
- Ø2.125" (54mm)