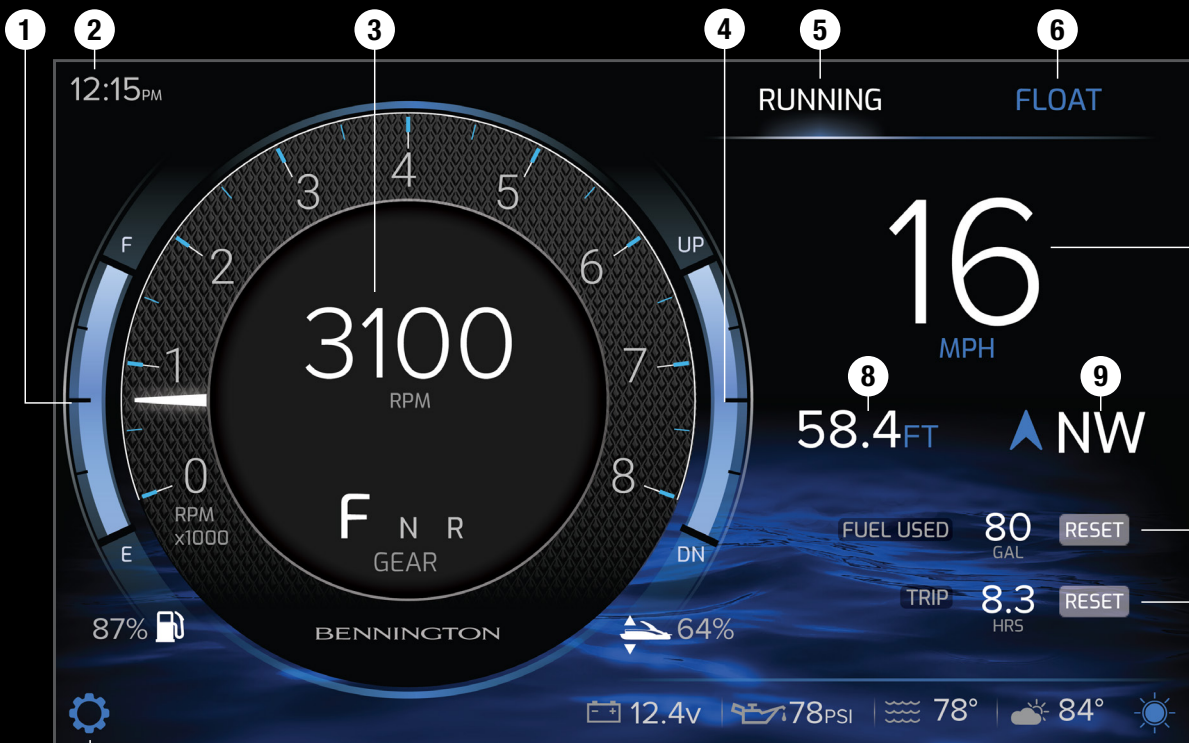
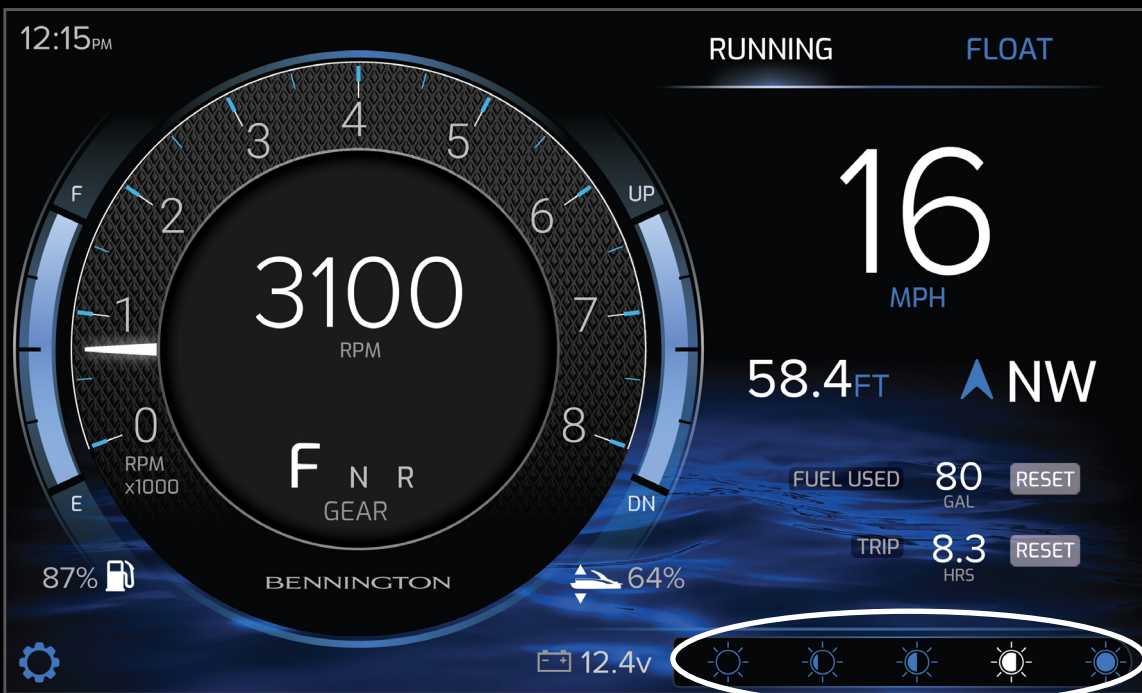




BENNINGTON



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## RUNNING SCREEN

The running screen is accessible by manually pressing the RUNNING button in the top center of the screen. The running screen will also automatically be shown when an engine is started.

The running screen shows all relevant information for operating the boat.

1. Fuel Level
2. Time of Day
3. Engine RPM
4. Trim Level
5. Running Screen
6. Float Screen
7. Speed
8. Depth
9. Heading
10. Fuel Used (Press and hold to reset)
11. Trip Hours (Press and hold to reset)
12. Settings Screen

## BRIGHTNESS

The Night Mode button toggles the back-lighting between the daytime and nighttime set points. This can be adjusted in the System Display section of the Settings menu. Press and Hold shows brightness slider for adjustment.

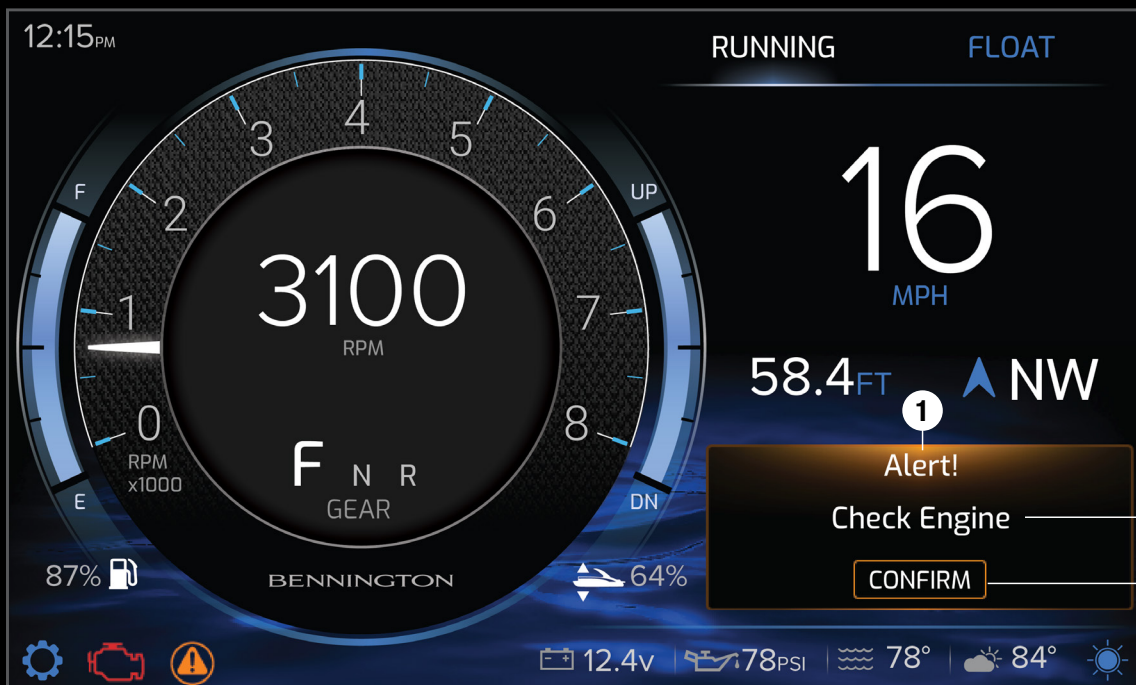


## FLOAT SCREEN

The FLOAT screen is accessible by manually pressing the FLOAT button along the top center of the screen. It is also automatically shown when the engine(s) are turned off.

The FLOAT screen presents a reduced set of information to the screen which is more relevant when the engines are off.

1. Voltage
2. Depth
3. Water Temperature
4. Air Temperature



## ALERTS & ALARMS

The alert banner presents when a system or engine alarm goes active. The popup alert banner will present what the active alarm is. If more than one alarm is active, the banner will cycle through all active alarms.

Alarms can be confirmed to dismiss the alert message popup. Anytime alarms remain active, the alert triangle will present the popup banner to view active alerts again.

1. Alert Banner
2. Alert Description
3. Alert Confirm



## SETTINGS SCREEN

Manage updates, system settings and configurations, and view diagnostics information in the settings screen. When Vessel screen is detected by the Gauge screen, the Brightness + Theme control is hidden from the Gauge menu and controlled through the Vessel screen.



## SYSTEM SETTINGS MENU

The System Settings Menu contains options for software updates and factory reset.



## SOFTWARE UPDATE

Use the Software Update screen to view the installed software revisions and update the existing software via USB drive.

Verify that the software update is the only file that is on the USB Input Device.

Insert the USB device into the USB Port that is found at the Dash. Once the file is detected, the version available will be shown and an UPDATE button will be shown to initiate the update process.

Press the Update button and Yes on the confirmation alert.



The system will reboot to a status bar and animation on the touch display. This status bar shows the user the progress of the software update. Once the software update is complete, the system will reboot into the application. You may then remove the USB drive.



## FACTORY RESET

Restore your system back to the default factory settings in the Factory Reset screen.

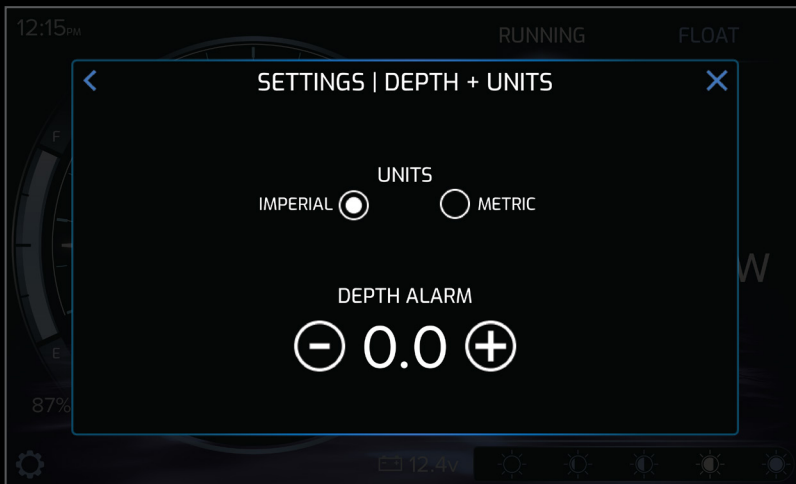
Tap the Reset button and Yes on the confirmation alert to revert all settings.

Performing the factory reset will revert all configurable items to default, so you will need to go through and ensure all settings menu and optional items are configured correctly for you to boat after performing a factory reset.



## CONFIGURATION MENU

Customize options for a preferred boating experience in the Configuration Settings menu.



## DEPTH & UNITS

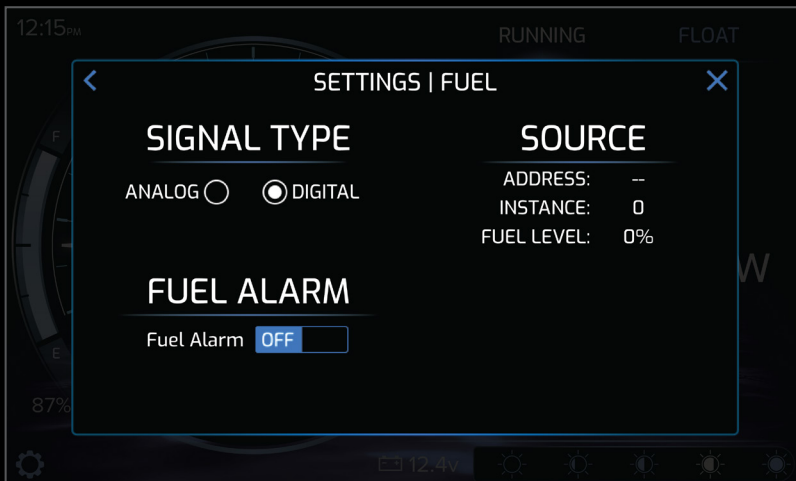
Switch between Imperial or Metric units for system wide read-outs. Units will convert speed from MPH to km/h, depth from Feet to Meters, and temperature from Fahrenheit to Celsius.

Depth alarm level sets the minimum depth value allowed before presenting a popup low depth alert to the driver. Setting the depth alarm to 0.0 will disable low depth alarm.



## OFFSETS

Air Temperature and water temperature offsets allow for user refinement of the displayed temperature readings on screen. This can be useful to account for variability in installation location and the effects of unloading on the sensors.



## FUEL

Fuel source selection between Analog and Digital. Analog refers to systems with signal directly plugged into display.

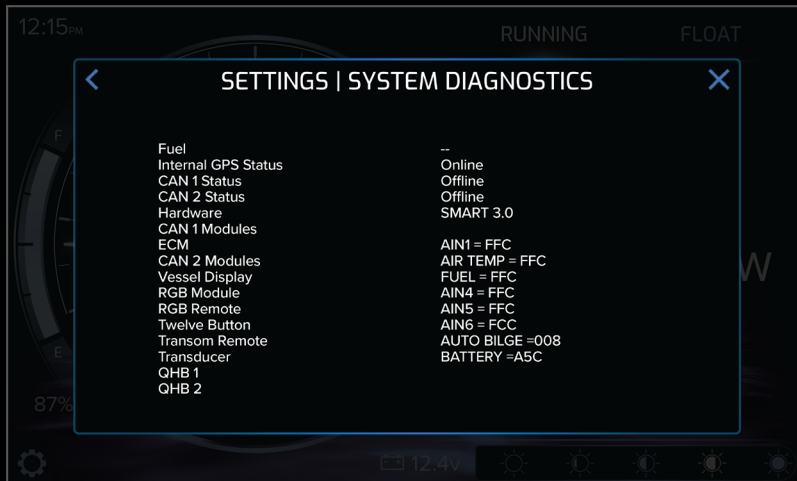
Digital refers to systems with NMEA2000 fuel source. Once digital is selected a specific source address must be selected from the source editing screen.

These selections are retained through power cycle but would need to be reconfigured if a reset to default is performed.



## DIAGNOSTICS MENU

Displays on-screen diagnostic data from the Diagnostics Settings menu. Information is broken down between engine related diagnostics and system related.

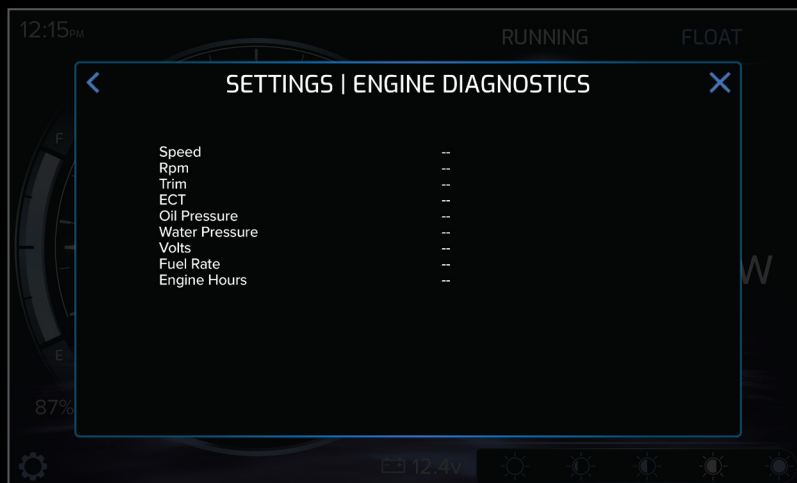


## SYSTEM DIAGNOSTICS

View boat system status data for CAN modules and analog input status to the display connector. Items displayed in green indicate solid CAN bus communication between the gauge screen and the subsystem modules. A white line item indicates that module is not communicating. This could indicate a power or CAN bus wiring issue, or a system not installed on a particular boat build as some systems are optional.

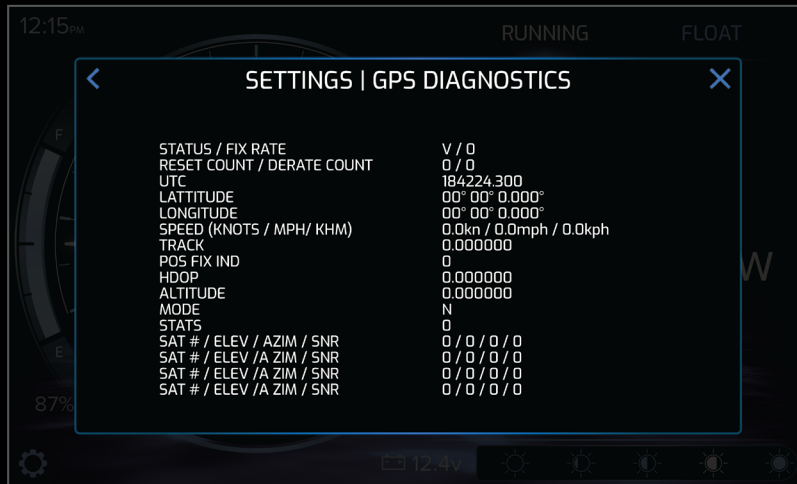
CAN 1 = Engine Communication Network

CAN 2 = Boat Accessory Communication Network



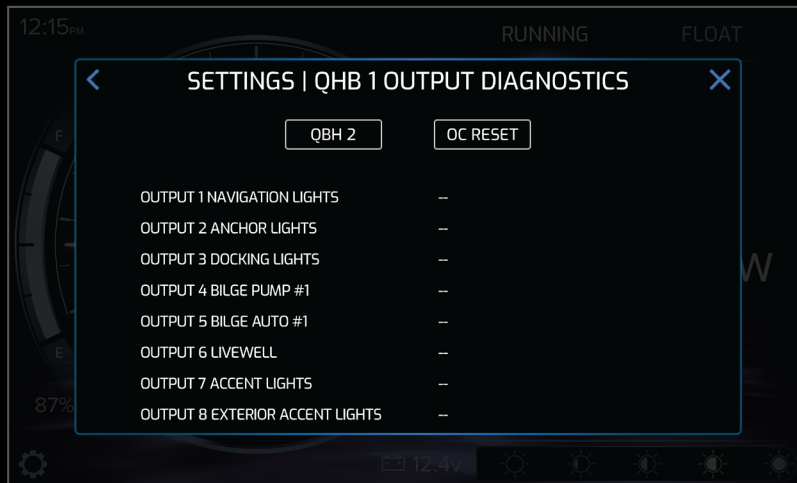
## ENGINE DIAGNOSTICS

View engine related data such as speed, RPM, trim level, water pressure, voltage, engine hours, etc. in the Engine Diagnostics screen.



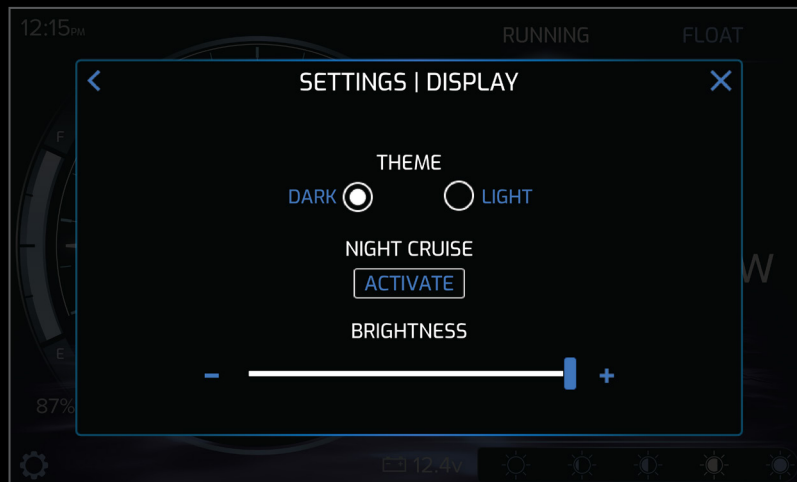
## GPS DIAGNOSTICS

View diagnostics information for the internal GPS system within the 7" gauge display. When a NMEA2000 GPS source is detected, such as a chartplotter, the gauge screen will use it instead of the internal gauge screen GPS source. In this instance the GPS diagnostics screen would be hidden.



## QHB OUTPUT DIAGNOSTICS

View diagnostics information for the power module(s) on the boats electrical system. Along the top you can toggle between the QHB #1 and QHB #2 modules as well as perform an overcurrent reset command to the modules to clear any stored overcurrent alerts. This screen will indicate live amp draw indications for each power module output channel.



## BRIGHTNESS & THEME

On systems with 7" vessel screens, these controls can be found in the settings menu of that screen which are applied to both helm displays. Theme selections can be made to change between a light and dark color palette for the user interface.

The NIGHT CRUISE function allows the user to initiate a dark screen mode which will limit the screens to only show one time of day. This can be used when using the boat at night and brightness from the screen needs to be greatly reduced.



## USER MANUAL QR CODE

Scanning the displayed User Manual QR code will direct the viewer to the online guide from their mobile device. The online version will be the current and the most up-to-date source of information.



## **TROUBLESHOOTING**

<b>PIN</b>	<b>DESCRIPTION</b>	<b>NOTES</b>
<b>1</b>	<b>IGNITION</b>	
<b>2</b>	<b>GROUND</b>	
<b>3</b>	<b>IGNITION</b>	
<b>4</b>	<b>ENGINE CAN HIGH</b>	
<b>5</b>	<b>ENGINE CAN LOW</b>	
<b>6</b>	<b>ACC CAN HIGH</b>	
<b>7</b>	<b>ACC CAN LOW</b>	
<b>8</b>	<b>NC</b>	<b>Not Used</b>
<b>9</b>	<b>NC</b>	<b>Not Used</b>
<b>10</b>	<b>NC</b>	<b>Not Used</b>
<b>11</b>	<b>NC</b>	<b>Not Used</b>
<b>12</b>	<b>NC</b>	<b>Not Used</b>
<b>13</b>	<b>AIR TEMP</b>	
<b>14</b>	<b>FUEL 1</b>	
<b>15</b>	<b>NC</b>	<b>Not Used</b>
<b>16</b>	<b>NC</b>	<b>Not Used</b>
<b>17</b>	<b>NC</b>	<b>Not Used</b>
<b>18</b>	<b>AUTO BILGE</b>	
<b>19</b>	<b>NC</b>	<b>Not Used</b>
<b>20</b>	<b>BUZZER</b>	