



Siren 3 Pro Installation Guide



sirenmarine[®]
The Connected Boat[®]



Battery
0.09 V



Position
321° 0km



Main Bilge
OK



Temp 1
78.9°

Peace of Mind with Smart Boat Technology

Siren Marine is revolutionizing the boating experience with our Connected Boat® technology. Boat owners, fleet operators, and boat builders can now access critical information instantly and enjoy having peace of mind with the Siren Marine App.

With Siren Marine, you will be able to monitor, track, control, and secure your boat remotely and onboard. Our products are designed to detect a problem on your boat before it becomes critical by connecting data directly to your smart phone or tablet in real time. Siren Marine's technology developed "by boaters, for boaters" is here to give you greater control and be the solution to your boating needs while away or on the water.

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Siren 3 Pro Standard Features

The Siren Marine Siren 3 Pro is leading the future of the Connected Boat® by offering the most versatile and reliable vessel management system on the market. The Siren 3 Pro operates with global 4G/5G LTE cellular connectivity, includes options for both wired and wireless sensors, and includes a connection to the NMEA 2000 network. With a Siren Marine subscription, you will have full access to your Siren 3 Pro from our easy-to-use smart device app or fleet management site.

Please visit sirenmarine.com/subscriptions to purchase your choice of a monthly, annual, or seasonal subscription.

As part of our power-saving routine, the LED indicator on the Siren 3 Pro will turn off after five minutes. To restart the LEDs, double-tap the face of the unit with two firm taps.





GPS Position & Geofence

Track the location and movement of your boat and set a geofence that will provide a notification if the boat leaves or enters that zone.



Battery Functions

- Voltage and low battery monitoring
- Remote battery switching with optional accessory Blue Sea Switch #7713
- Battery switch on/off monitoring.



Engine Metrics

- Single engine hardwired connections can be set up to monitor engine hours and maintenance cycles.
- With the NMEA 2000 connection, monitor engine performance, alerts, and fuel consumption for multiple engines.



Tank Levels

With an NMEA 2000 connection, monitor fuel, water, and waste tank levels.



Bilge Pump Monitoring

Monitor multiple bilge pumps onboard through the wireless bilge pump activity sensor.



High Water

Place high water sensors throughout the boat and receive alerts for high water levels with wired and wireless sensors.



Security

Monitor motion and entry with a variety of Siren Marine wired and wireless sensors.



Shore Power

Monitor the presence of shore power from the incoming AC voltage line and receive alerts if shore power is lost.



Temperature

Using wireless sensors, monitor the temperatures of multiple areas of cabin, engine room, fridge, etc.



Control Devices

The Siren 3 Pro has four hardwired control outputs. These control outputs can be connected to an appropriate AC or DC relay to control lighting, air conditioning, refrigeration, electronics, etc. Compatible with select digital switching systems.

Siren 3 Pro Standard Features (Continued)



NMEA 2000 Monitoring and Control

Connect to the powerful marine standard of inter-product communications. The Siren 3 Pro connects directly to the NMEA 2000 data line. An NMEA 2000 cable and T-connector are required for this feature. Optional NMEA 2000 connection hardware available at sirenmarine.com.

Additional NMEA 2000 capabilities are continuously being developed by Siren Marine and will be delivered by Siren Marine's powerful Over the Air (OTA) upgrade portal.

NMEA 2000 features are available on the Siren Marine App and SirenFleet portal.

NMEA 2000-Compatible Systems Include:

- Engines (Up to Six):
 - Operating performance, engine hours, alert information and fuel consumption
- Tanks – Any number of fuel, water or waste tanks are viewable
 - Current and historic liquid levels, number of gallons/liters, percent remaining
- Digital Switching – CZone
 - View status and control both individual switches and groups (modes) of switches

Package Contents

Main Device



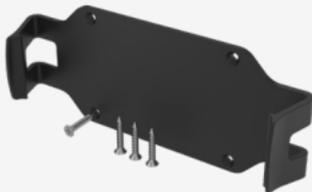
Wiring Cable 1
& Connection Hardware



Cellular & Wireless Sensor
Antennas *(installation required)*



Mounting Bracket &
Mounting Hardware



Installation Guide



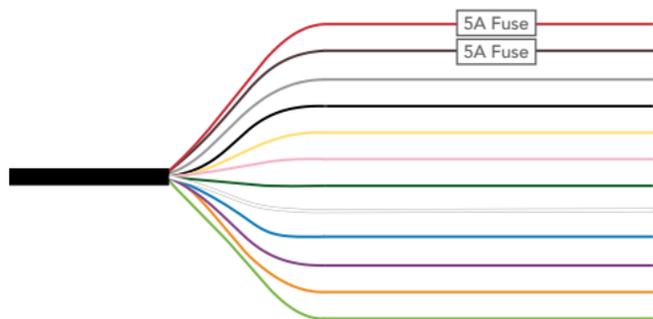
Mobile App Guide



Wiring Cable 1

Installation Instructions

1. Unscrew the wiring cable connector cap on the Siren 3 Pro device to expose the cable connector (this will be labeled Harness 1 on the back of the device).
2. Attach the wiring cable connector and device connector by **carefully** aligning the 12 Pins and the keyed slot, then screw together firmly.
3. Connect the ground (-) wire (black) on the wiring cable to a battery negative post or common ground.
4. Connect the power (+) wire (red) on the wiring cable to a 12-24V battery positive post or 12-24V power source.
5. Connect wired sensors and relays to remaining wires.



Wire Color	Input/Output	Function
Red	Input	Battery 1 (+)
Brown	Input	Battery 2 (+)
Gray	Input	Remote Arm/Disarm
Black	Input	Ground (-)
Yellow	Input	High Water
Pink	Input	Security
Dark Green	Input	Ignition/Engine Hours
White	Output	Relay Control 2
Blue	Output	Blue Sea Battery Switch (#7713)
Purple	Output	Relay Control 1
Orange	Input	Battery Switch ON/OFF Indicator
Light Green	Input	Shore Power

Wiring Cable 1 (*Harness 1*) includes a 5A inline fuse holder on wires Battery 1 (+) and Battery 2 (+)

Cable Length: 36 in (914.4 mm)
Wire Length: 6 in (152.4mm)

Antenna Connections (Required)

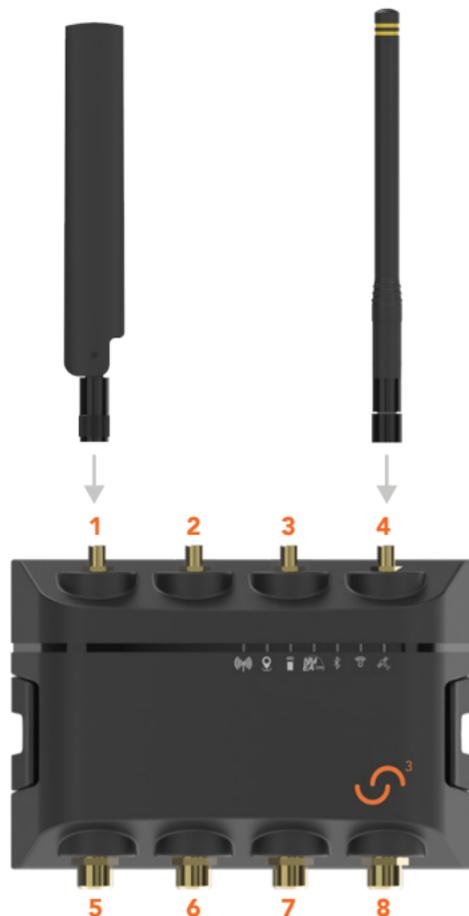
The Siren 3 Pro comes with an external cellular antenna and an external wireless sensor antenna. **These antennas are required and are not interchangeable.** The Siren 3 Pro features an internal GPS antenna that is used for most installations. If the device is being mounted where it is not possible to receive a GPS signal, an external Siren GPS antenna can be used as an alternative. This can be found on our products page at sirenmarine.com.

Installation Instructions

To connect antennas, remove caps on the cellular and wireless connectors and screw antennas on as shown.

Connector Guide (See numbers on image to the right)

1. Cellular Antenna
2. External GPS Antenna (Optional Accessory)
3. Spare Antenna Connection (Not in Use)
4. Wireless Sensor Antenna
5. Wiring Cable 1
6. NMEA 2000 Connector
7. Second CAN Bus Connector
8. Wiring Cable 2 (Optional Accessory)

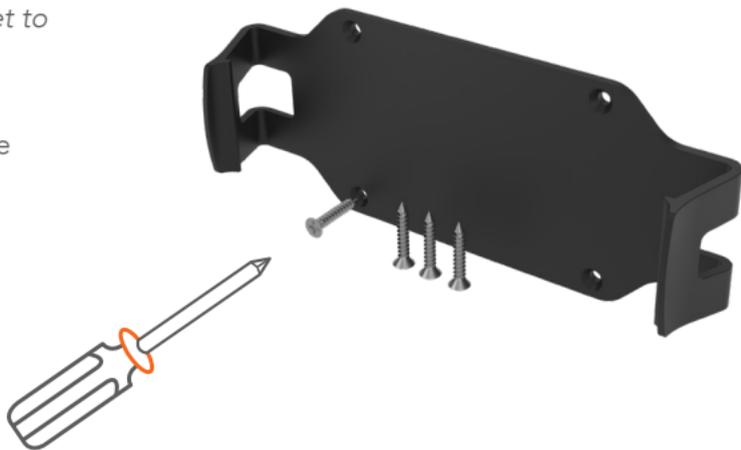


Mounting & Installation

The Siren 3 Pro device is supplied with a mounting bracket and (4) #5 3/4" stainless flat head Phillips mounting screws. We recommend the Siren 3 Pro be installed in a covered area, such as under the helm or in a cabinet and away from metal material that may cause signal interference. **The Siren 3 Pro should be installed in a vertical position to obtain optimal GPS signal.** If installing the Siren 3 Pro horizontally, we recommend purchasing the external GPS antenna available on sirenmarine.com.

Mounting Installation Steps

1. Hold the mounting bracket in desired location.
Optional: Mark each hole on the mounting bracket to drill pilot holes prior to installing supplied screws.
2. Using a small Philips-head screwdriver, tighten each supplied mounting screw to each hole on the mounting bracket to surface.
3. Ensure mounting bracket is secured to surface.
4. Push the Siren 3 Pro device into the bracket. You should hear two clicks when device is secured in bracket.



Getting Started

Requirements

Before you begin, ensure that you have the necessary equipment and subscription needed to operate your Siren 3 Pro:

Main Device



Siren 3 Pro
Wiring Cable 1



12-36 VDC
Battery/
Power Supply



Siren Marine
Subscription
*(available at
sirenmarine.com)*



Siren Marine
Mobile App
(iOS / Android)



Battery Connection

⚠ READ BEFORE CONNECTING POWER

The supplied Wiring Cable 1 comes with 5A inline fuse which connects the device to your vessel's battery and provides all power required by the Siren 3 Pro.

Power may be provided directly from the battery posts or any unswitched power circuit that is powered by the battery.

Note: Power must be fused for device protection. The Wiring Cable 1 has two inline fuses included for this purpose.

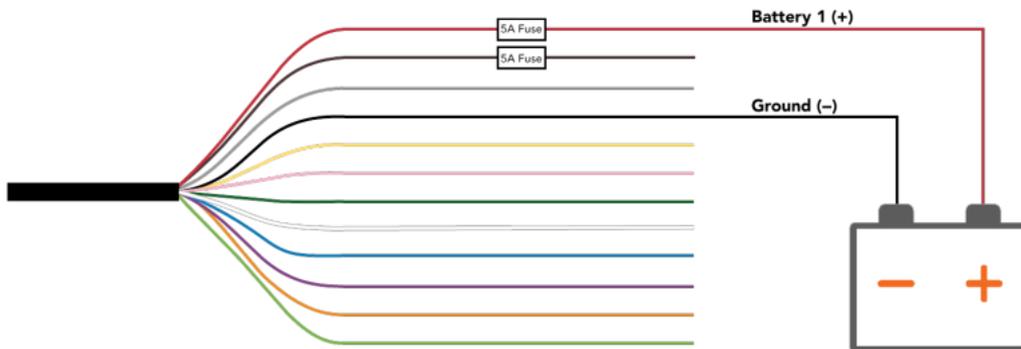
Important: Do not wire the Siren 3 Pro to the switched side of a battery switch. Ensure the Siren 3 Pro is connected to 24/7 power.

Connect to Power

The Siren 3 Pro can operate on a power supply ranging from 12-36 VDC. The device contains an internal battery which is designed to provide backup power if external power is interrupted. In the event of external power loss, the internal battery power remaining will be displayed on the Siren Mobile App. The internal battery is continually charged while the Siren 3 Pro is connected to battery power.

To power your Siren 3 Pro, connect the red wire lead (Battery 1+) from the supplied primary wiring cable to the positive (+) side of your power supply. The Battery 1+ lead is the connection that will power your device, the Battery 2+ lead is only used to provide the information of battery 2 voltage. Connect the black wire lead (Ground 1) from the wiring cable to ground (-) side of your power supply.

Connect to Power (Continued)



The Siren 3 Pro is supplied with a 5A slow fuse and is fitted between the Siren 3 Pro and the power supply.

The LEDs on the Siren 3 Pro will indicate connection activity for Cellular, GPS, and Wireless sensors, NMEA, and Satellite. Some features may require additional hardware, or may be for future product capabilities. See page 25 for complete LED indication table.

Battery 1 Connection and Monitoring

The Battery 1 connection powers the Siren 3 Pro and can be monitored through the Siren Marine App. This battery is displayed on the app in the Battery 1 tile by default. Please see the Siren Marine App Guide to learn how to set voltage alert thresholds for this battery.

Sensors and Inputs

Important: Only Siren 3 series wireless sensors can be paired to the Siren 3 series devices. These are indicated with a "3" above the Siren Marine logo on each wireless sensor module.

The Siren 3 Pro can connect to a variety of external inputs and sensors with wired and wireless options. Each input will be displayed on the Siren Marine App or the SirenFleet (fleet.sirenmarine.com) portal to indicate behavior and status.

Connecting Wired Sensors

Wired sensors connect directly to the corresponding lead in Wiring Cable 1 and Wiring Cable 2. When wired sensors are connected, the data from that sensor becomes available in the Siren Mobile and SirenFleet Apps.

Pairing Wireless Sensors

The Siren 3 Pro can accommodate up to sixteen wireless sensors. Wireless sensors are paired to the Siren 3 Pro using the Siren Marine App. Each wireless sensor is equipped with a scannable QR code on the back of the sensor which is used for this pairing.

Follow these steps to add a wireless sensor to your Siren 3 Pro system:

Ensure the tail is connected to the sensor prior to installing the supplied battery. The flat side of the battery indicating the battery type CR2430 should be facing up (+) in the sensor case.



1. Open the Siren Marine App, then select the Settings icon.
2. Select "Add Wireless Sensor". The screen will open your device's camera to display an orange frame in the center.
3. Scan the QR code on the back of the wireless sensor by hovering the orange frame over the code. Select "Add" when prompted.
4. Select the wireless sensor type. This will determine the behavior of the wireless sensor in your app.
5. In the dialog box, rename the sensor to your preference, then select "Add".
6. To add additional sensors, repeat above steps.

For more information on utilizing the Siren Marine App, please reference the supplied Siren Marine App Guide.

Battery Sensor



Bilge Sensor



Entry Sensor



High-Water Sensor

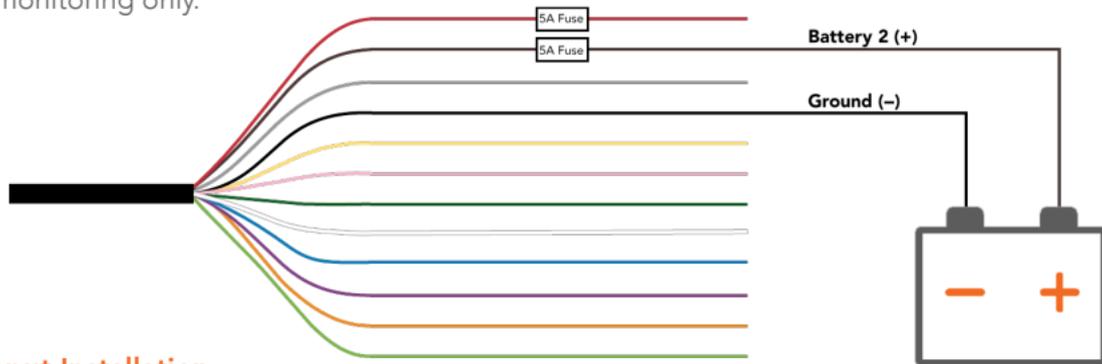


Temperature Sensor



Battery 2 Input

The Siren 3 Pro has the ability to monitor two 12-36 VDC batteries with hard-wired connections. Please note the Battery 1 input (red wire) is required to power the unit, while Battery 2 (brown wire) is used for battery voltage monitoring only.



Wired Input Installation

Connect the red wire in Wiring Cable 1 to the positive (+) side of the main boat battery. Connect the brown wire on Wiring Cable 1 to the positive (+) voltage post on the secondary battery. Both inputs share the same common ground (-) using the black wire on Wiring Cable 1. Connect the black wire on the cable to the negative (-) voltage post on the main battery.

Wireless Battery Voltage Sensor

Wireless battery sensors can be used to monitor the voltage of additional batteries. The wireless battery sensor can be connected to DC batteries ranging from 12V-60V maximum.

Battery 2 Input (Continued)

Wireless Sensor Installation

Before connecting a wireless battery sensor to a battery, pair the sensor to your Siren Marine App using the QR scanning process outlined in the wireless sensor pairing guidelines on page 15.

Once you have successfully paired and mounted the wireless sensor, connect the positive (+) lead on the sensor tail (red) to the positive (+) post on the battery source. Connect the negative (-) lead on the sensor tail (black) to the negative (-) post on the battery source.

Note: The wireless battery tail is three feet long (.91m). This should be considered prior to permanent installation.

Manual Arm/Disarm Switch

The gray wire is designated for a manual Arm and Disarm switch (switch not supplied). Mount this Arm/Disarm switch in a hidden area or at the helm. This gives you the option to manually arm and disarm the system without requiring the Siren Marine App if you are outside cell coverage.



Ignition 1 Input (Displays Engine 1 Hours)



This input is designated to detect when your engine is on or off. This input will provide a display of accumulated engine hours on the Mobile and Fleet Apps. If NMEA 2000 is connected, the engine hours information from NMEA will override the ignition wire input.

This connection can be made from a variety of connection points, i.e. oil pressure switch, ignition, etc. The only requirement is that the connection point is active while the engine is running and is positive.

To monitor engine hours from a negative (-) source, use the Siren Marine PAM-4 DC Relay. Please reference the AC and DC relay on the support page at sirenmarine.com.

A wired ignition input for a second engine is not available out of the box. Monitoring the hours of multiple engines requires a connection to the NMEA 2000 backbone and the use of NMEA 2000 compatible engines (See page 6).

Installation

Connect to the positive (+) terminal from your ignition-powered circuit to the dark green wire on Wiring Cable 1. This input senses positive (+) voltage when the key is turned on.

Note: A wireless sensor for the ignition input is not available at this time.

Security 1, 2, & 3



The Siren 3 Pro security inputs are used to indicate intrusion or motion with a variety of Siren Marine security sensors.

Wired Input Installation

These are normally-closed (NC) inputs designated for Siren Marine security sensors including reed switches, motion sensors, canvas snap sensors, and magnetic entry sensors.

Please reference the specific accessory wiring instructions included with the security accessory you are connecting.

Wireless Sensor Installation

The wireless security sensor is used to provide an alert for entry into entrance ways, lockers or hatches. Please refer to the Wireless Sensor Guide accompanying your wireless sensor purchase for more details.

1. Install wireless sensor battery.
2. Pair the wireless sensor module to the Siren Marine App.
3. Mount the sensor bracket to the hatch, locker, or other entry point using the supplied screws or adhesive strip.
4. Mount the magnet directly opposite the wireless module using the supplied adhesive strip. The magnet should be parallel to the long side of the sensor. .

Note: When the entry point is opened, a notification will be sent to the Siren Marine App. There are 4 output relays that can be programmed by mobile app to alert if a security sensor has been triggered. These can be used to switch on lights, sirens or other devices to deter intruders.

High Water

This sensor is designated to detect high water in the bilge or other areas where water detection is required. Any normally-open (N/O) water sensor or float switch that closes to ground (-) will work for this connection.



Wired Input Installation

Connect one wire from the water sensor to the yellow wire on Wiring Cable 1 (see page 8). Connect the ground wire on the accessory to negative (-).

Wireless Sensor Installation

1. Plug the high-water tail into the wireless module and tighten the two hex screws.
2. Install the wireless sensor battery.
3. Pair the wireless sensor module to the Siren Marine App.
4. Mount the sensor bracket to an area above the high-water line using the mounting bracket or adhesive strip, secure water-sensing end of the tail at the desired height and connect the wireless sensor to the bracket.

Note: Notifications will be sent to the Siren Marine App if the water level in the bilge rises above the preset level or if water contacts the wireless sensor tail.

Shore Power



This input is designated to detect the presence and loss of shore power and can be monitored using a Siren Marine Shore Power Sensor Plug or a Siren Marine AC Relay (120V or 240V).

Wired Sensor Installation

The Shore Power Sensor Plug is installed by connecting the black lead to negative (-) and the trace lead from the plug to the light green wire of Wiring Cable 1 (See page 8) or the yellow wire of Wiring Cable 2.

The Siren Marine AC Shore Power Relay is installed by wiring directly from the shore power circuit breaker. Please reference the installation guide supplied with the Shore Power Relay for more detail.

Note: A wireless shore power sensor option is not available at this time.

Battery Switch Input

This input is designated to monitor the on/off position of a manual battery switch.

Wired Input Installation

Connect the positive (+) side of the switch to the orange wire of Wiring Cable 1 (see page 8). Connect the negative (-) side of the switch to the black wire on Wiring Cable 1.

Temperature

Wireless Temperature Sensors

Detecting temperature with the Siren 3 Pro is accomplished by adding wireless temperature sensors. It is possible to monitor multiple temperatures at the same time. This may include cabins, engine room, bait locker, refrigerator, etc. Wireless Temperature sensors operate with or without the supplied temperature sensor tail.



Wireless Sensor Installation

1. Plug the temperature sensor tail into the wireless module and tighten the two hex screws. If using the wireless temperature sensor without the temperature sensor tail, select the “internal” option when prompted while pairing the sensor to the Siren Marine App. Select the “external” option if using the sensor tail.
2. Install the wireless sensor battery.
3. Pair the wireless sensor module to the Siren Marine App.
4. Mount the wireless module in the area to be monitored.
5. To monitor temperature of a specific area or piece of equipment such as the inside of a refrigerator, attach one end of the temperature probe to what you want to monitor. Connect the other end of the tail into the wireless module and tighten the two hex screws.

Relay Control Outputs (#1, #2, #3, #4)

The Siren 3 Pro has the ability to control the power supply for up to four separate circuits. Each output on the Siren 3 Pro unit has a max rating of .5 amps. Most loads will require the use of a Siren Marine DC or AC power relay.

Wiring Cable 1 (See page 8)

- Output 1: Purple wire
- Output 2: White wire

Wiring Cable 2

- Output 3: White wire
- Output 4: Blue wire

Outputs can be conditioned to activate either when a direct output request is sent from the mobile app's Commands page, and/or automatically in response to user-defined rules set up in the mobile app, or from the SirenFleet application. See the user guides for the Siren Marine App or the SirenFleet portal for more information (sirenmarine.com/pages/user-guide).

For power applications higher than .5 amps, such as a DC bilge pump or AC air conditioner, please match the external relay to the load requirements of the application. *Note: These connections switch to ground (-) and do not supply voltage.*

Blue Sea Systems – Automatic Battery Switch Control

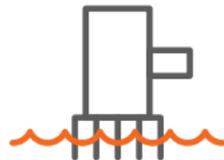
The Siren 3 Pro is capable of controlling the Blue Sea #7713 battery switch (available at your local marine retailer or at sirenmarine.com). This designated output provides remote control of the #7713 automatic switch.

Wired Input Installation

Connect the blue wire in Wiring Cable 1 (See page 8) to the Blue Sea #7713 switch.

Bilge Pump Input

The wireless bilge pump input monitors bilge pump activity. Use the mobile application to set up the parameters for when you will receive alerts about the bilge pump cycling activity.



Wireless Sensor Installation

1. Plug the bilge tail into the wireless module and tighten the two hex screws.
2. Install the wireless sensor battery.
3. Pair the wireless sensor module to the Siren Marine App.
4. Mount the sensor bracket in an area above the high-water line using the mounting bracket or adhesive strip, and connect the wireless sensor to the bracket.
5. Connect the positive (+) and negative (-) leads from the sensor directly to the positive (+) and negative (-) leads of the bilge pump.

Status LED Indicators

The Siren 3 Pro has seven LED indicators which show the status of connectivity to all wireless connections. *(see page 25 for complete LED indication table).*

While the unit is powering on, you will see the LEDs illuminate in order while connections are being established.

LED Indication Table

	 Cellular	 GPS	 Wireless Sensors	 NMEA 2000	 Bluetooth	 WiFi	 Satellite
Green Solid	Cellular antenna connected	External GPS connected	Wireless sensor detected	Connected	N/A	N/A	N/A
Green Flash	Radio is active and attempting to connect	Radio is active and attempting to connect	Attempting to connect	Attempting to connect	Attempting to connect	Attempting to connect	N/A
Red Flash	No connection between cellular antenna and device	No connection between external GPS antenna and device	No wireless sensors detected	No NMEA detected	N/A	N/A	N/A
Green/Red Flash	No connection between cellular antenna and device	No connection between external GPS antenna and device	No wireless sensors detected	N/A	Searching for signal	N/A	N/A
Blue Flash	N/A	N/A	N/A	N/A	N/A	N/A	Updating firmware

Depending on the sensors that you connect to your Siren 3 Pro, some of the LEDs may not be applicable (for example, a satellite module is required for satellite connection). If you do not have a system connected that has a status light, the LED will remain off.

Technical Specifications

General

Dimensions	6.5 in x 4.5 in x 1.25 in	165 mm x 114.3 mm x 31.75 mm
Weight	1 lb.	0.5 kg

Environmental

Temperature (Operating)	+5°F to +131°F	-15°C to +55°C
Temperature (Storage)	-40°F to +185°F	-40°C to +85°C
Humidity	0 to 90% RH	

Electrical

Operating Voltage	9-30 VDC
Internal Battery	24-48 hours backup power, depends on number of sensors and signal strengths

Wireless Communication

Signal	Standard	Antenna
Cellular	4G/5G LTE, with fall back to 3G	External
WiFi	Access Point or Client (<i>future functionality</i>)	Internal
Bluetooth	Bluetooth Low Energy (BLE) (<i>future functionality</i>)	Internal
Wireless Sensor	917 and 868 MHz bands	External

Wired Communication

Interface	Standard	Connector
CAN Bus 1	NMEA 2000	M12 (5 Pin)
CAN Bus 2	Application-dependent protocol (Example: J1939)	M12 (5 Pin)
Satellite Modem	RS-232	M12 (12 Pin) Wiring Cable 2
Expansion Bus	RS-422	M12 (12 Pin) Wiring Cable 2

Positioning

Technology	Standard	Antenna
GNSS	GPS/GLONASS with SBAS	Internal (External option)

Wired Inputs	Wired Outputs	Wireless Sensors
Battery 1 (+)	Blue Sea Battery Switch (#7713)	Magnetic Reed Switch (Entry)
Battery 2 (+)	Relay Output 1	Bilge Pump Activity
Battery Gnd (-)	Relay Output 2	Temperature
High Water 1	Relay Output 3	High Water
High Water 2	Relay Output 4	Battery Voltage
Security 1		
Security 2		
Security 3		
Ignition		
Battery Switch On/Off		
Shore Power		
Remote Arm/Disarm		

Technical Specifications (Continued)

Definitions

- End User refers to the owner of a Siren Marine Device (Siren 3 Pro).
- Service Provider is Siren Marine LLC.
- Distributor: The Service Provider's representative in the U.S.A. is Siren Marine, 221 Third St #200, Newport, RI, 02840 U.S.A.
- Service means the communication and access to infrastructure and telecommunication systems needed to alert the End User of an occurrence on board detected by the installed Siren Marine Device.
- Network means the public telecommunications system by which the Siren Marine Service is made available.
- Service Contract Agreement means the contract between the Service Provider, Siren Marine, and the End User.
- Minimum Contract Period means the period during which the End User has agreed to use and pay for the Service.
- Service Charge means the monthly payments the End User pays for the Service during the Contract Period.
- Siren Marine System Server means the servers and other hardware and infrastructure needed in order to provide the Service.
- Siren Marine Device is any and all hardware that is sold by or distributed through Siren Marine LLC. Includes the Siren 3 Pro, Siren 3, and all accessory sensors that are paired with the Siren Marine base unit.
- Early Termination Fee is a fee of \$9.00 will be charged to the End User via the Service Provider if or when the End User terminates their Service Agreement with Siren Marine prior to the assigned date.
- Action Plan is a pre-determined plan of events to be acted on when or if any major event occurs onboard that you are notified via the Siren Marine Device.

In order to use the Siren Marine System, there must be a current Service Contract Agreement between the End User and the Service Provider. The Service Contract has a minimum Contract Period during which the End User is obligated to pay the monthly Service Charge. The Service Contract Agreement is normally entered online during the installation of the Siren Marine Device. The Service Contract incorporates and includes by reference the current Terms & Conditions for the Siren Marine Device.

Scope of Service

The service includes cellular (GSM) communication between the Siren Marine Device and the Siren Marine System Servers, text (SMS) message communication between the Siren Marine Server and the End User's mobile phone, e-mail communication between the Siren Marine Server and the End User as well as access to the Siren Marine Web Portal through the Internet. The server also includes access to Support during the Contract Period and free software upgrades as well as the right to use any software included in the Service.

Service Availability

The cellular (4G LTE-M) service is available both domestically within the U.S.A. and Internationally. All cellular communication between Siren Marine Device and Siren Marine System Servers is included in the monthly Service Charge. There are no extra roaming charges for systems used outside the U.S.A. The End User hereby acknowledges that the availability of the service may be affected by factors outside the Service Provider's control such as, but not limited to, physical obstructions, availability of Internet connections, routing of data over the Internet, atmospheric conditions and other causes of radio interference and by faults in other telecommunication networks to which the Network is connected. In connection with any such adverse effect on the quality and availability of the Siren Marine Service, the Service Provider shall incur no liability to the End User whatsoever. Notwithstanding such effects to the Services during the Contract Period, the End User shall remain liable for the payment of the Monthly Service Charge.

Contract Period

Each Service Contract Agreement has a defined Contract Period, which commences on the date the first Billing Cycle starts. The Contract Period is defined in the Service Contract Agreement. The End User agrees not to suspend service more than once in a 12-month period.

Use of the Built-in SIM Card

The Siren Marine Device has a built-in SIM card, the title to which belongs to the Service Provider and not the End User. The Service Provider reserves the right to cancel the service and permanently terminate the SIM card if:

- The End User repeatedly fails to pay the monthly service charge agreed during the contract period.
- The system remains unused and the service agreement is not renewed or terminated after a period of six (6) months after the initial contract period has expired.
- The SIM card is abused in any way or is removed from the Siren Marine Device.
- The Service is cancelled, the Siren Marine System may be sent to Service Provider or Distributor for a replacement SIM card. A minimum service fee of US \$100.00 will be charged for this. In case the Siren Marine Device and/or its internal SIM card are lost or stolen, the End User is required to immediately notify the Service Provider.

Until such notification has been received by the Service Provider, the End User is liable for any and all charges incurred by the use of the Siren Marine Device and/or the SIM card.

Monthly Service Charge

The End User is required to pay the monthly Service Charge on time during the Contract Period or as long as the Service Contract Agreement is valid. The monthly Service Charge is automatically billed to End User's credit card on the day or close to the day of original purchase each month (Billing cycle). The End User is required to maintain and enter valid credit card information into the system through the Siren Marine Web Portal, so that the Service Charges can be billed each month.

Upon failure to pay the Service Charge the Service Provider reserves the right to limit the use of the system and/or terminate the Agreement. If terminated in such a way the End User shall remain liable to pay the Early Termination Fee. The Service Provider reserves the right to adjust price, terms and conditions when forced by factors outside its control. A minimum three (3) months' notice applies before any such changes can take effect.

The Reinstatement Fee

The Siren Marine Service Agreement may be terminated before the expiration date of the Contract Period, upon payment to Service Provider with a Reinstatement Fee of US \$9.00.

Automatic Continuation of Service Contract

After the initial Contract Period has ended, the service will be automatically extended until terminated by the End User. After the initial Contract Period, the End User has the right to terminate the Service Contract Agreement by giving notice, in writing, to the Service Provider. A three (3) month termination period shall apply during which the End User is liable to pay the monthly Service Charge.

Termination of Contract

After the Contract Period has ended, the Agreement may be terminated by the End User by giving notice, in writing, to the Service provider or its distributor in the U.S.A. either by mail or by fax. The agreement will be terminated after three (3) months, starting from the first date of the month after the notice has been received by the Service Provider. A confirmation of Termination will be sent by the Service Provider to the End User. The termination notice shall be addressed to the Service Provider or its distributor (In the U.S.A., Siren Marine). For address information see Contact details above under Definitions.

Confidentiality

The Service Provider agrees not to make available to anyone not directly affiliated with the Service Provider any data stored on its Siren Marine Service Servers, unless the End User has agreed so. This includes, but is not limited to, positions or movements of the boat, information regarding the End User's address, status of alarms and warnings, telephone numbers, e-mail addresses as well as username and password. The End User hereby agrees to the Service Provider's and its Distributor's right to access data stored on the Siren Marine System Servers in order to help the End User in case of support and for trouble shooting as well as for system maintenance and software upgrades. The Service Provider and Distributor reserves the right to contact the End User, using the contact information stored on the Siren Marine System Servers, in order to notify the End User of any potential problems, improvements or other things that affect the quality and security of the Service. The Service Provider will not knowingly make data stored on the servers available to persons not affiliated with Siren Marine except as agreed to by the End User and except as required by applicable law.

Liabilities

The Service Provider is not liable for any goods stolen or damages incurred as a result of the Service not being available. Siren Marine is not liable for defects in the Siren Marine Device or in the Service. The End User recognizes that factors outside the Service Providers control may affect the quality of the Service. Furthermore, it is the responsibility of the End User to act on notifications sent by the Siren Marine Device and for maintaining an up-to-date Action Plan online so that alarms and warnings can be sent to the right person(s). It is also the End User's full responsibility to inform any person(s) entered in the action plan of the desired action, should an alarm or warning be received. The Service Provider takes no responsibility for any data stored on the Siren Marine System Servers by the End User that may be offensive, incorrect or fraudulent.

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