Installation Guide

Before starting the installation on your vessel, download the Weather Vox app and create your account.

1

Open the Weather Vox app on your smartphone, tablet, or computer
Link: https://initiative.oceano-vox.com/



Create your account.
To find your box ID, scan the QR code on the left side of the box.

To install your device you will need an NMEA cable, 2 mm screws, or double-sided adhesive tape *(not included)*.
If your installation does not use the NMEA 2000 standard (e.g., SeaTalk or NMEA 0183), compatible adapters and conversion cables are available. These accessories make it easy to connect your existing network to the box.



Before starting the installation, make sure your boat's electricity is turned off.



Identify the location of your NMEA 2000 system. Note that the connection can be made anywhere on the NMEA network.

OCEANO VOX

Version 1.4

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Connect one end of the cable to your network. Screw it in place to secure it. Ensure that the network remains closed, with a cap on each remaining free space.



Plug the other end of the cable into the right side of the box. Screw it in to secure it.

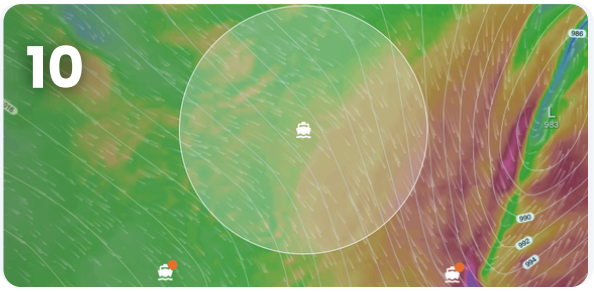




For optimal installation, mount your box at a height of no more than 2m on a non-conductive surface (wood or composite) and away from any metal walls or structures so as not to interfere with Wi-Fi and cellular signals. Secure the box using the holes provided (screws) or double-sided adhesive tape.



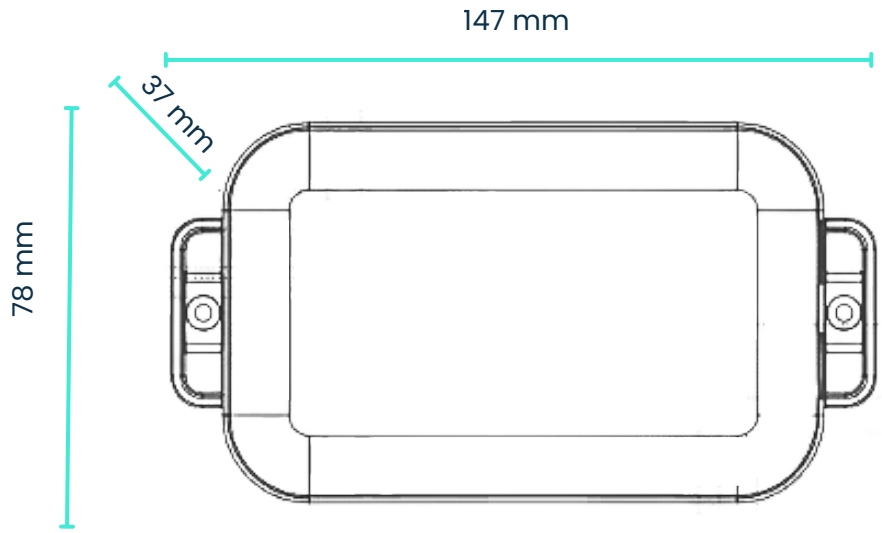
Restore power to your boat and turn on your instruments (GPS, anemometer).

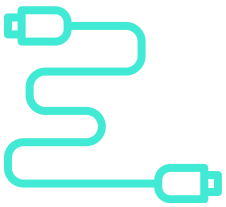


Check that your boat appears correctly in the app; this may take around 15 minutes.

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Device Specifics





COMPATIBLE WITH NMEA 2000

Input
12V (9-28) ⎓ 3W
Max power supply
PS1<15W

Weight
200 grams

Installation Options
Double-sided tape
or 2 mm screws
Maximum height 2 m
Inside the boat

Connetivity
GSM, LTE, WIFI

Location
accuracy 5 m

Max Temperature
-15 °C — 50 °C

DATA COLLECTED*

Wind speed & direction

Boat speed & direction

Barometric pressure

Sea Surface Temperature

*Non-exhaustive list. The pressure sensor is integrated into the VOX device.

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Additional information (1/2)

- This product contains a built-in lithium battery that complies with electrical safety and electromagnetic compatibility requirements in accordance with Directives 2014/35/EU and 2014/30/EU.
- The battery must only be used under the conditions specified by the manufacturer. Any non-compliant use may result in overheating or malfunction.
- The battery included in the case cannot be replaced by the user. Any replacement must be carried out exclusively by OCEANO VOX. Please contact OCEANO VOX for any replacement requests.
- Do not dispose of the battery with household waste. It must be collected separately in accordance with Directive 2006/66/EC.
- Install the device at least 20 cm away from any person when in operation.

Technology	Frequency band	Maximum radiated power
LTE-M (B1)	1920 MHz – 1980 MHz	138.03 mW
LTE-M (B3)	1710 MHz – 1785 MHz	123.02 mW
LTE-M (B8)	880 MHz – 915 MHz	6.19 mW
LTE-M (B20)	832 MHz – 862 MHz	9.46 mW
GSM 900	880 MHz – 915 MHz	21.88 mW
GSM 1800	1710 MHz – 1785 MHz	44.67 mW
Wi-Fi 802.11 b/g/n	2400 MHz – 2483.5 MHz	14.39 mW
NFC	13.553 MHz – 13.567 MHz	-16.7 dBµA/m à 10 m

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Additional information (2/2)

- The equipment incorporates wireless communication interfaces enabling secure data transmission and access to support services.
- Network communications can be carried out via Wi-Fi or cellular interfaces (2G/LTE-M), depending on the configuration and availability of the network.
- Data and file transmission is carried out using secure MQTTS (MQTT over TLS) and FTPS protocols, ensuring the confidentiality and integrity of the information exchanged.
- Remote access via Telnet can be used on an ad hoc basis for technical support purposes. This access is restricted, authenticated, and reserved for authorized users, generally via a secure network connection.
- The equipment includes an NMEA interface for processing navigation data, including location information.

CONTACT US

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