

# WiMEA

Owner's Manual



by  
**FELL**  
of Norway

# Troubleshooter

Please see this section before contacting support. If this section does not solve your problems, please contact support by seeing: [www.fell.no/support](http://www.fell.no/support)

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## Installation

No existing kill switch wires in my boat/from my engine

- Contact your local boat workshop or FELL support for guidance on how to install WiMEA in your boat.

No existing power source

- Install a suitable power source (10 - 32Vdc). We recommend that this is done by skilled or professional personnel only.

The wires on the Boat Unit are not long enough to reach my power source / battery

- Extend the wires using at least 20 AWG (0.75mm<sup>2</sup>) wire gauge and butt splices in the correct size.

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## System operations

The system disconnects when I leave my boat

- This is normal behavior as the advanced WiMEA8® Protocol automatically detects when you are too far out of range or has fallen into the water, and disconnects.

No reaction from the Boat Unit when clicking the MOB Unit

- Pair your MOB Unit with your Boat Unit
- Cannot pair successfully: change the battery in your MOB Unit
- Cannot connect/pair: switch OFF the main power source to the Boat Unit, wait 10 seconds before switching it on.
- Try to connect/pair again
- Connection/pairing still not working: contact FELL support.

The engine won't start even when connected successfully to the Boat Unit

- Make sure the correct wires were chosen when the Boat Unit was installed. Please see the section Installing FELL WiMEA for instructions on how to properly install your WiMEA System.
- Try to pair/connect another MOB Unit if available
- Contact FELL support

### No light or sound signal showing on the Boat Unit

- This problem could indicate an issue with the power supplied to the device. Check these points to attempt to troubleshoot the cause of the power issue:
  - Make sure the power source is generating power. For example, you can check whether other devices powered by the source are functioning
  - Check the fuse on the power cable. The fuse should be located where the system is connected to power. You can test the fuse by connecting a multimeter to both ends and if the fuse is good the multimeter will read 0 ohms.
  - Check to make sure the device is receiving at least 10 volts
  - Check that all wires to the Boat Unit is connected properly and has not corroded, if in need contact your local boat workshop.
  - If the device is receiving enough power but does not turn on and all the other points in this troubleshooter is tried, contact FELL product support at [www.fell.no/support](http://www.fell.no/support)

## Errors and Malfunctions

### Boat Unit suddenly entered MOB Mode and stopped the engine

- Check the battery status of your MOB Unit
- Make sure to be within 5 meter range from the Boat Unit
- Make sure the Boat Unit reacts normally to connection, disconnection and MOOR Mode when the two above are checked. If not, contact support.
- Check if you are in vicinity of a high-energy transmitting device, and disclose this when contacting FELL support.

### Boat Unit suddenly switched OFF and stopped the engine

- Make sure you/others did not click the Boat Unit whilst driving/running the engine.
- Check that the power source to the Boat Unit is stable (12-24Vdc), if in need contact your local boat workshop.
- Check that the Boat Unit operates normally after this incident, if not contact FELL support.

### Boat Unit do not switch OFF when clicking MOB Unit once, when connected

- Make sure you are within 5 meter from the Boat Unit
- Make sure you are clicking the correct (the connected) MOB Unit

### Water entered into the MOB Unit

- Check that the battery cover was properly closed
- Stop using the MOB Unit
- Contact FELL support or use another MOB Unit

### Water entered into the Boat Unit

- Stop using the Boat Unit
- Contact FELL product support at [www.fell.no/support](http://www.fell.no/support)

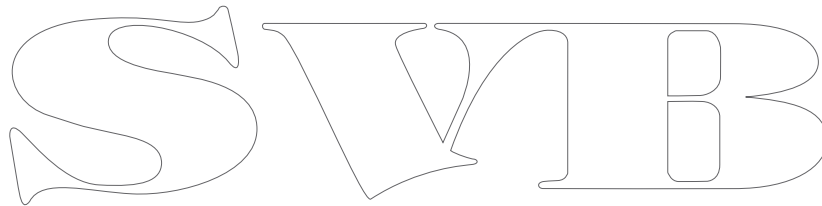
I experience poor range

- WiMEA is designed to give freedom to experience boating to the fullest. The system should have a robust connection within 5 meters and even more on most boats. Should you however experience shorter range than 5 meter you should check the following points:
  1. Make sure your WiMEA is installed according to the instructions in the section Installing FELL WiMEA.
  2. Ensure that your MOB Unit has a functioning, well-powered battery inside. Check the battery status lights on your WiMEA Boat Unit and replace the battery if needed.

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None of the  
above points  
solved my  
problem

Contact FELL product support at [www.fell.no/support](http://www.fell.no/support)

The logo for SWIB, featuring the letters "S", "V", "I", and "B" in a large, stylized, outlined font. The letters are interconnected and have a decorative, calligraphic feel.

## Caring for your WiMEA

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### General maintenance

The casing of the unit(s) are constructed of high-quality materials and does not require user maintenance, except cleaning.

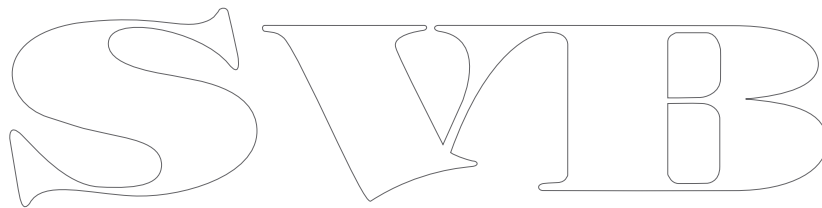
Check that all wires and conductive connection points are free from corrosion and are fastened correctly regularly.

We recommend that you change the battery in your MOB Unit once a year.

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### Cleaning the units

Clean the unit's outer casing using a cloth dampened with a mild detergent solution and then wipe dry. Avoid chemical cleaners and solvents that may damage plastic components.



SWIB

SVMB

by

FELL

of Norway

