Bluelink Pro

Bluelink Pro is a Bluetooth Low Energy (BLE) interface which allows a dive computer to communicate with a smart device via a dedicated app. The smart device must be compatible with Bluetooth Low Energy 4.0.

The app allows the smart device to connect to the dive computer in order to do the following:

- Read information (such as model and serial number)
- Download the logbook (data download)
- Upgrade the firmware (data upload)

Bluelink Pro is compatible with:

- Puck Pro +
- Smart
- Quad
- Puck Pro (NO firmware upgrade)
- Future Mares products with the same type of connection

Bluelink Pro connects to the dive computer the same way as the standard cabled interface. Refer to the user manual of the dive computer for a description of how to do this.

Operating mode.

When Bluelink Pro is not in use it remains in a low power mode in order to preserve the battery. This is referred to as DeepSleep.

To establish a connection to the smart device follow this procedure:

- Place the Dive Computer into "PC Ready" mode. See dive computer manual for details.
- Connect Bluelink Pro to the dive computer (fig. xx). Once connected the LED on Bluelink Pro will turn on to a steady blue for 5 seconds after which it will blink for 55 seconds.
- During these 55 seconds Bluelink Pro is ready to communicate with the smart device.
- If no communication takes place between Bluelink Pro and the smart device within these 55 seconds, Bluelink Pro returns to DeepSleep mode to preserve the battery and the LED turns off. A connection attempt started now will fail because Bluelink Pro has returned to DeepSleep mode. To wake up Bluelink Pro in order to initiate a new connection, disconnect Bluelink Pro from the dive computer then reconnect it. The light will turn steady blue for 5 seconds then blink for another 55 seconds.
- To start a communication, open the app and initiate the connection (see app instructions on how to do this).
- Once the connection has been established, the blue light turns green and the devices are ready to communicate.
- If once the light has turned green no data is exchanged for 60 seconds, the LED starts blinking in red to alert the user that the session is about to expire. If no data is exchanged for another 30 seconds, the connection is terminated and Bluelink Pro goes into DeepSleep.

- While the light is green or red, as soon as there is data exchange, the 60+30 second countdown is reset to zero.
- If the connection is terminated by the app, for instance because the user closes the app, Bluelink Pro will show a blinking blue light for 60 seconds, allowing a new connection to be set up during this time.

Battery replacement

Battery type: Lithium Ion, 3V, type CR2450

The life of the battery depends on the number of connections performed. As a reference, with 200 connections per year the battery will last approximately two years.

To replace the battery, unscrew the bottom cover of the case by removing the two screws then lift the cover to expose the battery compartment. Remove the battery and put the new battery in place, making sure you respect the correct polarity (+ pointing outwards).

Product identification

Serial number and MAC address are located under the battery compartment cover.

DISPOSAL OF THE DEVICE

Dispose of this device as electronic waste. Do not throw it away with regular rubbish.
If you prefer, you can return the device to your local Mares dealer.

WARRANTY
Mares products are guaranteed for a period of two years subject to the following limitations and conditions:
The warranty is non-transferable and applies strictly to the original purchaser.

Mares products are warranted free from defects in materials and workmanship:
components that, upon technical inspection, are found to be defective, will be replaced free of charge.

Mares S.p.A. declines all responsibility for accidents of any kind that result from tampering or incorrect use of its products.

Any products returned for overhaul or repairs under warranty, or for any other reason, must be forwarded exclusively via the vendor and accompanied with a proof of purchase slip.
Products travel at the risk of the sender

FCC: Federal Communications Commission Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Contains FCC ID: 2AIKSBLNK

FCC CAUTION

Any changes or modifications not expressly approved by the party responsible for
compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
(1) Reorient or relocate the receiving antenna.
(2) Increase the separation between the equipment and receiver
(3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
(4) Consult the dealer or an experienced radio/TV technician for help.

EU
This device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Canada - Industry Canada (IC)
This device complies with RSS-247
Contains IC:21499-BLNK
CAN ICES-3(B)/NMB-3(B)

Others

This product uses a module obtained a certification of construction type issued by Japan Radio Act.