

2082 BluFin



Key features

- Bluetooth connectivity
- Ruggedised, light & compact design
- Easy configuration of 1100 and 1000 series acoustic positioning beacons
- Intuitive charging of applied acoustic positioning beacons, no setup required
- Charge monitoring and diagnostic functionality
- Reduces setup time of equipment
- Bespoke design for offshore environments
- Long battery life

2082 BluFin Overview

The 2082 BluFin is a pocket-sized device with Bluetooth connectivity for the charging and configuration of 1100 and 1000 series Mini beacons.

Intuitive charging of applied acoustics positioning beacons, reducing equipment set-up time and user interaction prior to deployment.

Mechanical Specification

Physical dimensions: 79 mm x 57 mm x 33 mm
600 mm MC-IL-5-F Pigtail

Environmental Specification

IP66 rated housing
Storage: -20° to 60°
Operation: 5 °C to 40 °C
Charge: 5 °C to 30 °C

Electrical Specification

Charging	4-way charge Port, Power and Comms Interface lead supplied
DC Input	30 V 1.5 A, 2.1 mm DC socket
Battery	Internal 3.6 V 150 mA rechargeable NiMH
Operational Life	6 hours* *Assuming constant pairing to a mobile device without connection to DC power
Standby Life	1 year
Charge Time	30 hours (exhausted to full charge) ** **Unit can still be used while trickle charging

Bluetooth Specification

CERTIFIED TO FCC, ISED, CE, KCC, NCC AND SRRC

ISM Band	2.402 to 2.480 GHz Operation
Channels	0-39
RX Sensitivity	-90 dBm
TX Power	0 dBm
Range	10 m

User Interface

Hardware	2 Tri-coloured LED's, Power / Reset button
Software	BluFin Application Mobile [Android V13 or newer iOS 18 or newer/ Beacon Editor Application PC] [Windows 10 or Windows 11] Bluetooth: BLE V4.2 or later *** *** Earlier versions may not be compatible
Compatibility	1000 and 1100 series beacons configuration
Charge Modes	1000 and 1100 series beacons pre-charge, trickle charge, fast charge
Firmware	Field upgradeable via App or PC interface

INCLUDED ACCESSORIES

30 Vdc 40 W PSU, Power and Coms Interface Lead,

APP STORE LINKS FOR WEBSITE



Due to continual product improvement specification information may be subject to change without notice.

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