

Compatt 6+



The ROVNav 6+ is a 6G[®] ranging and telemetry transceiver designed for work-class ROVs, supporting Long BaseLine (LBL) and Sparse LBL aided SPRINT INS operations. It uses Sonardyne's Wideband[®]2 and 3 protocols for high accuracy in challenging environments.

The unit is compatible with USBL systems, including Sonardyne's Wideband 2, and has an internal Li-ion battery for emergency transponder mode. Featuring an omni-directional transducer and supporting internal sensors, it's lightweight, rugged, and integrates with Sonardyne's modem and logging equipment.

Specifications

Product	Sonardyne ROVNav 6+a
Country of origin	UK
Manufacturer	Sonardyne International Ltd

Key features

- High power, long range LBL transceiver
- Sonardyne Wideband 2 and HPR400 navigation compatible
- MF frequency band utilising Sonardyne Wideband 2 and 3 telemetry protocols
- Real time diagnostics available on ranges to enable quality control
- USBL compatible responder with emergency transponder mode.
- Li-ion battery
- Rugged mechanics and connectors
- 3.000, 5.000 or 7.000 m depth rated
- Standard sensors – Temperature, pressure and MEMS inclinometer
- Integrated modem capability for data download from Sonardyne AMT/Fetch products at data rates from 100 to 9.000 bits per second.

Specifications

Size	768 x 200 mm
Material	Hard anodised aluminium
Depth rating	3.000 m, 5.000 m or 7.000 m
Power supply	24 or 48 V DC
Battery life	3 days
Communication	RS232/RS485
Transducer	Omni-directional
Operating Frequency	MF (20–34 kHz)
Weight	3.000 m 14.3 kg in air 5.000 m: 14.7 kg in air 7.000 m: 15.5 kg in air

