

Porpoise Pod

Multi-Channel Underwater Acoustic Monitoring



Key Features

- Up to 8TB Internal SD recording
- Real-time Data Streaming
- Optional external Hydrophone
- Internal/External Battery options

Porpoise Pod builds on the proven performance of its single-channel sibling, expanding into a four-channel platform designed for advanced multi hydrophone deployments without added complexity.

Capture exceptional 24-bit acoustic data across a wide dynamic range, with configurable sampling rates, programmable gain, intelligent scheduling and real time streaming built in.

Housed in composite glass fibre and engineered plastic, Porpoise Pod is rated to 750m and ready for demanding marine environments.

Supplied with 1TB of internal memory and expandable up to 8TB via SD card, it gives you the flexibility to scale projects with confidence.

TRAC Software

TRAC is Porpoise Pod's proprietary configuration, analysis and display software. TRAC presents digital multichannel acoustic data including real-time spectrograms, third octave plots with percentiles, and live real-time audio.

Specifications

Subject to change without notice

Power Options	36 x D-cell (Lithium or Alkaline), 84 x D-cell (Lithium or Alkaline),
Acoustic	Analogue Bandwidth: >150kHz ADC: 24 Bits Sigma Delta Dynamic Range: 110dB (full bandwidth) Configurable Gain: 10dB – 40dB Sampling Rates Supported: 2kHz to 384kHz Selectable High Pass Filter
Memory	1TB as standard, expandable up to 8TB Configurable Recording, Schedule and Duty Cycling
Dimensions	18.3cm Diameter x 61cm Length (36D) 18.3cm Diameter x 86.4cm Length (84D)
Communications	Realtime Ethernet Streaming - spectrograms, live audio, configuration and data download (Channel 1 only)
Environmental	Depth Rating: 750m standard; deeper available Operating Temperature: -50°C to +50°C
External Integration	GPS Input for PPS Time Synchronization Real Time Buoy