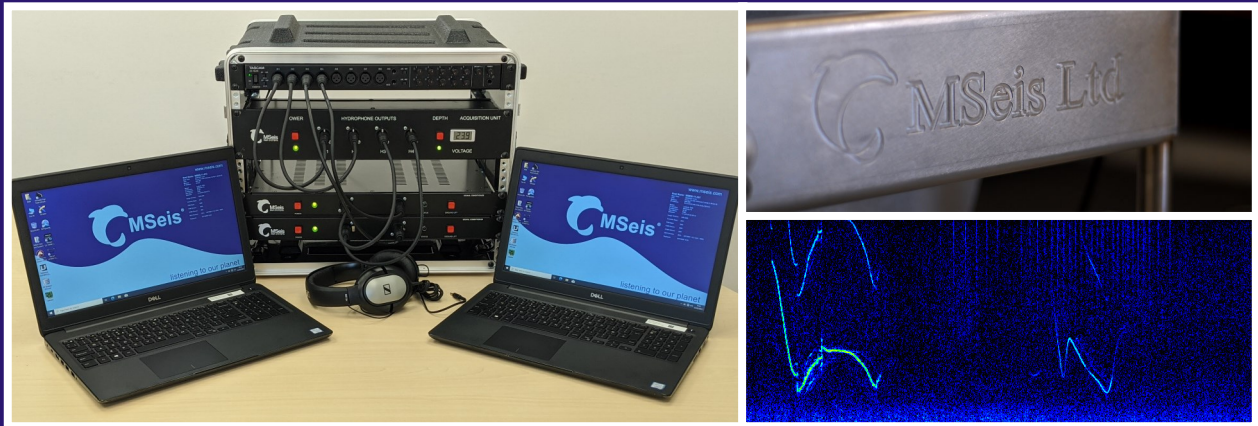




Night Hawk III PAM System



Technical Specification

Passive acoustic monitoring is fast becoming a necessity throughout the offshore industry where cetacean mitigation guidelines exist.

Improved performance of the Night Hawk III PAM system makes detecting and localising mammals easier than before. Our balanced cables and upgraded preamplifiers give a greater signal to noise ratio allowing more effective detections.

Our Night Hawk III systems require 240V clean mains power, a double-desk monitoring station and a back deck location to site the cable reel.

Hydrophone Custom built -201dBV re. 1 μ Pa effective sensitivity. Omni-directional and near-flat response

Cable Reinforced & shielded tow cable, standard length 250m
Up to 375m available (IBAMA)

Preamplifier PA3 MSeis custom design and build

Channels 4 broadband

Depth sensor 4-20mA current loop

Construction Polyurethane moulding

Connectors 19 pin military spec

Supply Voltage 240VAC

Operating Voltage 24VDC

Bandwidth 4Hz-180kHz

Output format WAV & SQLite

Acquisition NI DAQ to 500Ks/s

Audio interface to 192Ks/s

Software Pamguard

MSeis software utilities

listening to our planet

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