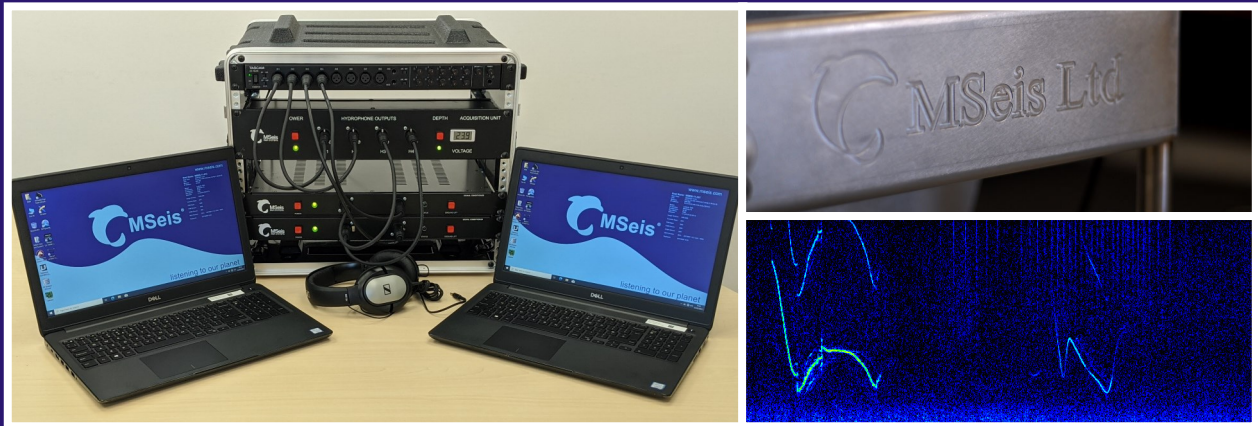




# Night Hawk III PAM System



## 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  $\mu$ Pa effective sensitivity. Omni-directional and near-flat response

**Cable** Reinforced & shielded tow cable, standard length 250m

**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 +/- 3dB

**Output format** WAV & SQLite

**Acquisition** NI DAQ to 500Ks/s

Audio interface to 192Ks/s

**Software** Pamguard

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