

Subacoustech Towed PAM system

Technical Specification:

Hydrophones	Four custom build omnidirectional broadband hydrophones with hydrodynamic solid-state encapsulation
Preamplifier	24 dB custom Subacoustech balanced preamplifier
System sensitivity	-190 dB re 1V/ μ Pa
Bandwidth	Broadband up to 250 kHz
Cables	250 m cable suitable for towing with 4 channel hydrophone array and depth sensor 100 m deck cable not suitable for towing
Depth sensor	0 – 3 bar analogue pressure sensor
Connectors	22 pin, 316L stainless steel metal shell construction, marine grade waterproof connectors
Topside	4u flightcase with power supply, data acquisition, and audio monitoring units installed. Windows laptop provided for marine mammal monitoring
Supply voltage	110 – 240 V AC
Data acquisition rate	4 channels up to 500 kS/s per channel
Software	PAMGuard

Hydrophone arrangement:

