



## : Technical Specification

### 3510 PAM PORTABLE Release / Modem / Deck Test Set

The 3510 PAM Portable has been developed to meet the harsh operating conditions associated with offshore marine operations.

Housed in a water-proof rugged enclosure with a clear LCD display and splash proof key pad for on deck operation.

The 3510 has been designed to be a versatile tool for multi-transponder configuration and testing, plus on deck release beacon and acoustic telemetry operations.

#### APPLICATIONS

- Testing and configuration of beacons prior to deployment.
- Subsea Ranging and Relocation.
- Command acoustic release transponders.
- Acoustic telemetry / command and control applications.
- Data gathering.



3510 PAM PORTABLE WITH 3190 DUNKER TRANSDUCER

#### Key Features

- : Applied Acoustics Spread Spectrum compatible.
- : Robust construction, with a clear and intuitive user interface.
- : Configures AAE 1000 Series beacon via serial link.
- : Applied Acoustic 1500 Series Release Transponder compatible.
- : Secure acoustic data link to surface (Factory upgrade)



3510 KEYPAD AND DISPLAY

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### 3510 PAM PORTABLE SPECIFICATION

Physical:	Case	390mm x 310mm x 170mm (L x W x H)
	Weight	5kg
Temperature:	Storage	-20°C to +60°C
	Operation	0°C to +40°C
External Power Supply	Input	100 - 240 VAC, 50 - 60Hz
	Output	24 Vdc
Battery life:		6 Hours
Beacon Test Compatibility:		AAE 1000 Series Spread Spectrum AAE 900 Series AAE 300 Series AAE 200 Series AAE 1500 Series Release Simrad HiPAP (400) Simrad HPR (300) Trackpoint II
Release Compatibility:		AAE 1500 Series Status / Command / Configure
Transducer Compatibility:		3102 Test Transducer 3190 Dunker Transducer

### TRANSDUCER SPECIFICATIONS

#### 3102 Test Transducer

Hand-held for communication with transponder.  
Stored inside case for ultimate portability.

Dimensions:	100mm x 55mm x 28mm (L x W x D) ; including cable relief
Weight:	250g
Cable Length:	2m
IP Rating:	IP64 (Not suitable for submersion)

#### 3190 Dunker Transducer

Robust transducer with integral cable and transducer protection cage.  
For subsea work; operation with Ranging, Relocation, Acoustic Release Operation and telemetry.

Dimensions:	88mm diameter x 280mm long (excluding cable gland)
Weight:	6kg
Cable Length:	30m Standard (Up to 100m can be specified)
Depth Rating:	100m

