

## 3510 PAM Portable



### Key Features

- Spread spectrum compatible
- Robust construction
- Clear intuitive interface
- Configures 1000 Series beacons
- Low frequency compatibility

### Applications

- Testing and configuration of beacons prior to deployment
- Subsea ranging and relocation
- Acoustic release beacon command
- Acoustic telemetry/command applications
- Data gathering

The 3510 PAM Portable has been developed to meet the harsh operating conditions associated with offshore marine operations. It is housed in a water-proof rugged enclosure with a clear LCD display and splash proof key pad for on-deck operations.

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.

## Technical Specification

### 3510 PAM PORTABLE

|                           |  |                     |
|---------------------------|--|---------------------|
| Case size                 | 390 x 310 x 170mm  |                     |
| Weight                    | 5kg  |                     |
| Temperature               | Storage  | -20°C to +60°C      |
|                           | Operation  | 0°C to +40°C        |
| External power supply     | Input  | 100-240Vac, 50-60Hz |
|                           | Output   | 24Vdc               |
| Battery life              | 6 hours  |                     |
| Beacon test compatibility | Applied Acoustics 200, 300, 600 (LF), 900, 1000, 1400 Series |                     |
|                           | Applied Acoustics 1500 Series and 529P Release Beacons       |                     |
|                           | Simrad HiPAP (400), Simrad HPR (300)                         |                     |
|                           | Trackpoint II  |                     |

## 3510 PAM Portable Technical Specification continued...

|                          |  |
|--------------------------|--|
| Release compatibility    | 1500 Series and 529P<br>Status/Command/Configure                           |
| Transducer compatibility | 3102 Test transducer<br>3190 Dunking transducer<br>3191 Dunking transducer |

### TRANSDUCERS

#### 3102 Test transducer (supplied with 3510 PAM Portable)

Hand held for communication with transponder, stored inside PAM 3510 case.

|              |                                      |
|--------------|--------------------------------------|
| Size         | 55mm Ø x 90mm excluding cable relief |
| Weight       | 250g                                 |
| Cable length | 2m                                   |
| IP rating    | IP64, not suitable for submersion    |

#### 3190 Dunking transducer (for use with 3510 PAM Portable)

Robust stainless steel transducer with integral cable and transducer protection cage. Operation subsea with ranging, relocation, acoustic release and telemetry.

|                         |  |
|-------------------------|--|
| Size                    | 100mm Ø x 276.5mm excluding cable relief |
| Weight                  | 8.5kg                                    |
| Cable length (attached) | 30m standard                             |
| Depth rating            | 50m                                      |

#### 3191 LF Dunking transducer (for use with 3510 PAM Portable)

Robust aluminium transducer with integral cable and transducer protection cage. Operation subsea with ranging, relocation, acoustic release and telemetry.

|                         |  |
|-------------------------|--|
| Size                    | 181mm Ø x 333mm excluding cable relief |
| Weight                  | 7.5kg                                  |
| Cable length (attached) | 30m standard                           |
| Depth rating            | 50m                                    |



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Due to continual product improvement, specification information may be subject to change without notice.  
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