

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 Status/Command/Configure |
| Transducer compatibility | 3102 Test transducer 3190 Dunking transducer 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 |



Due to continual product improvement, specification information may be subject to change without notice.
3510 PAM Portable/June 2014
©Applied Acoustic Engineering Ltd.



Applied Acoustic Engineering Ltd

- T +44 (0)1493 440355
- F +44 (0)1493 440720
- E general@appliedacoustics.com
- W www.appliedacoustics.com