

1083 Multi-Charger



Key Features

- Independent fast charging of multiple 1000 Series beacons
- Easy to operate with 4 buttons and backlit LCD display.
- Dedicated charger for the Spread Spectrum Seabed Beacons
- Responder test functions
- Compatible beacon trickle charge function

The 1083 Multi-Charger provides independent simultaneous charge, configuration and test for multiple 1000 Series Beacons. Designed for operation in a vessel's Operations Room, the 1083 Multi-Charger provides increased flexibility for the user.

The 1083 Multi-Charger can independently charge three 101x, 103x or 106x Series Beacons or a single 105x Seabed Beacon.

Easy to operate with a large LCD backlit display and 4 stylised buttons complete with 4 charge status indicators.

Technical Specification

PHYSICAL

Size	251 x 87 x 304mm
Weight	2.0kg
User Interface	4 Select buttons 4-line backlit LCD 4 Independent status Indicators
Thermal Protection	50°C trip
CE Marking	Externally assessed for immunity and emissions. Conforms to 89/336/EEC RoHS

CONNECTIONS

Charge Ports 1 & 2	9-Way D Type socket (3), 101x, 103x, 106x Series Beacons Charge function Responder test function
Charge Port 3	9-Way D Type socket (3), 101x, 103x, 106x Series Beacons Charge function Responder test function Communication for beacon configuration
Charge Port 4	10-Way Bulkhead connector, 105x Series Beacons Charge function Responder test function Communication for beacon configuration
Vac Input	IEC Socket 90-250Vac
Beacon connection cable	Applied Acoustics part number; CHA-1082-4000. (101x, 103x, 106x) Applied Acoustics part number; CHA-1083-4000. (105x)

OPERATION

Modes	Configured independently; Fast beacon Identification Beacon configuration (Port 3 only) Responder test Trickle charge
Fast charging	Independent simultaneous charging of 3 (three) 101x, 103x or 106x beacons Single charging of 105x beacon
Charge time	101x: 2-3 Hours 103x: 3-4 Hours 106x: 14 Hours 105x: 30 Hours Times are typical and will vary depending on charge status of the battery.