



## 1083 Multi-Charger



The 1083 Multi-Charger provides independent simultaneous charge, configuration and test for multiple 1000/1100 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 111x, 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.

### Key Features

- Independent fast charging of multiple 1000/1100 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

## 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



# 1083 Multi-Charger Technical Specification

## CONNECTIONS

Charge Ports 1 & 2	9-Way D Type socket (3), 111x, 101x, 103x, 106x Series beacons Charge function Responder test function
Charge Port 3	9-Way D Type socket (3), 111x, 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. (111x, 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) 111x, 101x, 103x or 106x beacons Single charging of one 105x beacon
Charge time	111x, 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.



Due to continual product improvement, specification information may be subject to change without notice.  
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**Applied Acoustic Engineering Ltd**  
Marine House, Marine Park  
Gapton Hall Road  
Great Yarmouth NR31 0NB  
United Kingdom

**T** +44(0)1493 440355  
**F** +44(0)1493 440720  
**E** [general@appliedacoustics.com](mailto:general@appliedacoustics.com)  
**W** [www.appliedacoustics.com](http://www.appliedacoustics.com)