

# AMD200

## DECK UNIT

*Portable, versatile, easy to use...the perfect on-deck command center for underwater operations and data collection.*

**ORE's AMD200** is a field-proven, highly versatile deck unit that can be used to operate ORE's full line of acoustic releases and transponders.

The ruggedized, lightweight unit provides a highly intuitive user interface that allows you to go right to work; spending your valuable time in the field, not in training. The system operates using readily available off-the-shelf available alkaline batteries, which can be easily purchased whenever and wherever the need arises.

When equipped with the Receive option, The AMD200 can also report ranges in meters and status information from the underwater units. The system comes complete with a dunking transducer and standard 10-meter cable (custom lengths also available).

The transceiver can be set to transmit 9.0 or 11.0 kHz and/or receive any two frequencies between 7.0 kHz and 15.0 kHz.



### *Features...*

- *Lightweight and portable*
- *Easy to operate*
- *Affordable*
- *Capable of providing both transmit and receive capability*
- *Splashproof, rugged design*
- *Operates using standard commercially available batteries*



*What you do underwater is your business...  
...helping you do it better is ours.*

[www.ore.com](http://www.ore.com)

# SPECIFICATIONS

ORE Offshore AMD200 Deck Unit

# AMD200

## DECK UNIT

### GENERAL

Frequencies:	Interrogate and receive frequencies select -7.5 to 15 kHz
Default transmit:	9.0 and 11.0 kHz
Default receive:	10.0 kHz and 12.0 kHz
Transmit source level:	185 dB re one $\mu$ pascal at 1 meter, controllable by operator
Receive sensitivity:	-80 dB re one $\mu$ pascal at 1 meter
Transmit pulse width:	10 msec
Timing accuracy:	1 msec
Range units:	Meters

### COMMANDS

Codes:	BACS commands
Source level:	Changeable by operator up to 185 dB re one $\mu$ pascal at 1 meter
Receiver lockout:	50 msec
Status:	Automatic time-line display of acoustic status replies

### OPERATOR INTERFACES

Liquid crystal display (LCD):	2 lines of 20 characters; displays menus of input selections; operating parameters and range
Keypad:	16 keys on 1 pad, menu selections, data input, and level adjustments
Beeper:	Audio confirmation of received acoustic signals
Power:	8 each type MN1604 alkaline batteries; 130 hours continuous operation and/or 3750 commands
Case:	Sealed, portable, splash-resistant
Size:	27 cm x 25 cm x 19 cm (10.5 in x 10.0 in x 7.5 in)
Weight:	3.2 kg (7.0 lbs)

### AMD200 TRANSDUCER

Acoustic frequency:	7.5 to 15 kHz
Beam pattern:	Omni-directional in lower hemisphere
Cable length:	9 meters (30 feet)
Weight in air:	3.2 kg (7.0 lbs) with cable
Working load:	Self-supporting
Size:	Diameter 11.4 cm (4.5 in); height 10 cm (4.0 in)



**ORE OFFSHORE**

P.O. Box 848, 4 Little Brook Road, West Wareham, MA 02576  
Tel. 508-291-0960 • Fax 508-291-0975 • e-mail: sales@ore.com

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