


# 8011M

## ACOUSTIC TRANSCIVER DECK UNIT

### FEATURES

- Very user friendly
- Extremely versatile
- Sends most manufacturers command structures
- Provides full command and range capability
- Rugged and Reliable
- Runs on 115 or 230 VAC
- Self-charging Internal battery
- DSP based frequency operations
- Includes dunking transducer with 67 meters of cable



 The 8011M is the most versatile acoustic command ranging deck available anywhere. This system can control and range on EdgeTech's (formerly ORE Offshore) full line of acoustic releases as well as other manufacturers' equipment. Features include auto switching between 115 and 230 VAC and an internal self charging battery. The serial and auxiliary ports allow for simple interfacing with other onboard equipment. Includes a dunking transducer with 67 meters of cable.

For more information please visit [www.edgetech.com](http://www.edgetech.com)

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### KEY SPECIFICATIONS

GENERAL	
Frequencies	Interrogate and Reply frequencies select 7.5 to 15 kHz
Transmit	7.5 to 15.0 kHz - Operator adjustable
Receive	7.0 to 15.0 kHz - Operator selectable multiple channels
Transmit source level	192 dB re 1 micro-Pascal at 1 meter - Controllable by operator
Receive sensitivity	-80 dB re 1 micro-Pascal at 1 meter
Transmit pulse width	5 to 30 milliseconds - Operator selectable
Timing accuracy	0.1 millisecond
Range units	Meters and Seconds
Command codes	ORE Offshore, EdgeTech, EG&G, Legacy Benthos, Oceano, and MORS
Status receive	Automatic time-line display of acoustic status replies
Beeper	Audio confirmation of received signals
Case	Sealed, Portable, Polyethylene
Size	40.6 cm x 33 cm x 17.3 cm (16 in. x 13 in. x 6.8 in.)
Weight	7.3 kg (16.0 lbs)
8012A TRANSDUCER	
Acoustic frequency	7.5 to 15 kHz
Beam pattern	Omni-directional in the lower hemisphere
Cable length	67 meters (220 feet)
Weight in air	10 kg (22 lbs) including cable
Size	Diameter 11.4 cm (4.5 in); height 10 cm (4.0 in)

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