

PACS

Portable Acoustic Command System

FEATURES

- Lightweight and portable
- Easy to operate
- Affordable
- Works with all standard EdgeTech Acoustic Releases
- Full command set
- Acoustic range capability
- Rugged and splash proof
- Flexible battery / power options
- Capable of MF or LF frequencies
- RS-232 Port
- Back-lit, Extended Temp Display



The PACS, Portable Acoustic Command System is a highly versatile deck unit that can be used to control and range on EdgeTech's (formerly ORE Offshore) low frequency (LF) or medium frequency (MF) acoustic releases and transponders. The rugged, 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 is powered by an internal lithium-ion rechargeable battery or A/C power. The PACS works with all standard EdgeTech acoustic transponding releases. See below for our acoustic transponding release products.



Model Name	PORT LF SD POP-UP	PORT MFE POP-UP	PORT LF-SD	PORT MFE	PORT LF	8242XS
Depth Rating	200 meters	200 meters	3500 meters	3500 meters	3500 meters	6000 meters
Release Load	250 kg	250 kg	250 kg	250 kg	350 kg	5500 kg
Lift Load	Depending on line	Depending on line	750 kg	750 kg	750 kg	7500 kg

For more information please visit www.EdgeTech.com

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KEY SPECIFICATIONS

GENERAL	
Transmit	
LF	9 kHz and 10 kHz
MF	17 kHz and 19 kHz
Receive	
LF	11 kHz and 12 kHz
MF	24 kHz and 25 kHz
Transmit source level MF/ LF	192dB / 195 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 MF/ LF	5 milliseconds / 10 milliseconds
Timing accuracy	1 millisecond
Range units	Meters
Command codes	BACS, LF, MF & MFE commands (ORE Offshore, EdgeTech, and EG&G)
Status receive	Automatic time-line display of acoustic status replies
Beeper	Audio confirmation of received signals
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)
TRANSDUCERS - (NOTE THE SYSTEM CAN BE PURCHASED WITH THE MF TRANSDUCER, LF TRANSDUCER OR BOTH FOR COMPLETE FLEXIBILITY)	
Acoustic Frequency	
LF	9kHz to 12kHz
MF	17kHz to 25kHz
Beam pattern	Omni-directional in the lower hemisphere
Cable length	20 meters (60 feet)
Weight in air	3.8 kg (8.4 lbs) including cable
Size	
MF	Diameter 7.0 cm (2.75 in); height 11.4 cm (4.5 in)
LF	Diameter 10.8 cm (4.25 in); height 10.2 cm (4.0 in)



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