



OCEANO

COASTAL ACOUSTIC RELEASE & TELECOMMAND

The cost-effective and reliable OCEANO 500 Coastal Acoustic Release is built in a strong aluminium housing and has a well-proven release mechanism and command coding.

FEATURES

- Reliable
- Small and lightweight
- Off-the-shelf batteries and rugged construction
- Dedicated TT701 telecommand (TT801 compatible)

BENEFITS

- Safety of the mooring (command coding and release mechanism)
- Easy to use and fast to operate
- Low or no maintenance
- Low cost, compatible with existing deck set units



APPLICATIONS

- Oceanographic coastal measurements
- Trawl-resistant mooring frame actuator
- Shallow water remote controlled operations
- River and lake moorings

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TECHNICAL SPECIFICATIONS

OCEANO 500 / MAIN SPECIFICATIONS

SWL *	500 kg
RL **	200 kg
TL ***	1,000 kg
Depth rating	400 m
Release mechanism	DC motor driven
Command coding	compatible with TT701 and TT801 units secure FSK 2 state, one way communication
Frequency range	8 ~16 kHz
Power supply	'C' size alkaline off-the-shelf batteries (1 year life @ 20 °C)****
Housing	Aluminium alloy. Hard anodized + epoxy paint
Weight in air/water	6.5 / 2 kg
Dimensions (L x Ø)	564 x 140 mm

* SWL (Safe Working Load): The maximum static or dynamic load that can be supported by the instrument in normal operating conditions with no release command in progress.

** RL (Release Load): The maximum load that can be supported by the hook while it is activated (DC motor rotating).

*** TL (Test Load): The maximum load that can be supported by the instrument without permanent damage or water ingress.
(not to be used in normal operation mode).

**** Option lithium batteries (2years life)

TT701 / MAIN SPECIFICATIONS

ACOUSTICS

Frequency range	8 ~16 kHz
Source Level	190 dB ± 4 dB, re.1µPa@1m
Transducer beam pattern	Omni-directional ± 3 dB
Command coding	Secure 2 states FSK 8-bit words. More than 30,000 unique codes

POWER SUPPLY

Battery / Charger	External 110 or 230 VAC (built-in battery and charger)
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MECHANICAL

Environment	P65 splashproof plastic cabinet
Dimensions (L x W x H)	356 x 269 x 157 mm
Weight	6 kg
Transducer weight	4 kg, standard dunking transducer and 15 m long cable (optional 30 m long cable)