



Shallow Water Deck Unit

Teledyne Benthos' new **Releaseit** Deck Unit and dunking transducer enables communications and acoustic release functionality when used with any of Teledyne Benthos' R-Series Acoustic releases deployed in shallow water environments. Designed with Teledyne Benthos' proven engineering and reliability, Releaseit is a value-priced alternative deck unit allowing for basic coastal operations. When paired with our new R500 Shallow Water Acoustic Release, the combined system represents a lower-cost turn-key option for shallow water applications up to 500 m water depth.

Product Features

- Value-priced topside option for basic coastal acoustic release operations
- System capabilities include: ranging, status, settings, battery voltage, wake up, hibernate, release
- Compatible with all R-Series Acoustic Releases when used in shallow environments
- Lightweight and highly portable, weighing in at under 7 lbs.
- Sturdy, dust-tight and shallow water immersion-resistant case
- Powered with a single internal rechargeable lithium ion battery with battery indicator light / battery level monitor
- Easy navigation and data entry using keypad and multi-line backlit display



Releaseit Deck Unit and dunking transducer



TECHNICAL SPECIFICATIONS

Releaseit Deck Box

Frequency band	9-14 kHz (LF)
Domain key length	Up to 12 characters
Operator functions	Keypad
Displays /indicators	128 x 64 monochrome color-backlit LCD Battery status LED
External connections	Power; Transducer; USB (mini B series)
AC input power	90-264 VAC, 47-63 Hz
Battery	Rechargeable smart lithium-ion battery pack 10.8 V, 3.4 A-h typical.
Battery life	Up to 40 hours active time typical
Charge Time	3 hours typical
Slant range	Up to 2 km (1.2 miles)
Overall dimensions	31.9 cm (12.5 in.) long by 25.7 cm (10.1 in.) wide by 15.3 cm (6.0 in.) high
Weight	3.1 kg (6.8 lb)

Transducer

Cable length	10 m (32.8 ft)
Frequency band	9-14 kHz (LF)
Source level	172 (±3 dB) dB re 1µPa @ 1m, typical
Radiation pattern	Toroidal at ±40° @ 12 kHz typical
Housing construction	Urethane
Dimensions	11.4 cm (4.5 in.) dia by 10.7 cm (4.2 in.) long
Weight in air	1.9 kg (4.2 lb)
Weight in water	1.3 kg (2.8 lb)



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