**Teledyne Benthos** manufactures a wide range of Acoustic Releases for shallow, mid and deep water operations. Acoustic releases have been used for decades as a safe and reliable means of deploying and recovering critical subsea instrumentation. A secure acoustic command is sent from the topside unit to the subsea unit to release up to 25 tons of in-line instrumentation to the surface for recovery.

All of Teledyne Benthos acoustic releases can be operated from our feature-rich UTS-9400 universal topside unit, which provides access to a wide spectrum of system capabilities and diagnostics to ensure ease

TELEDYNE BENTHOS Everywhereyoulook™

of operation and successful instrumentation recovery. As an alternative, the R500 Series Acoustic Release can also operate with our value-priced Release it deck box, providing users with an ideal solution for shallow water applications.

With over 50 years of experience in undersea applications, Teledyne Benthos Acoustic Releases have become synonymous with quality and dependability, even in the harshest of environments.

Model R500 Shallow-Water **Acoustic Transponding Release** is our newest release rated to 500 meters depth and release loads of up to 455 kg (1,000 lbs). The R500 is compatible with our full-feature UTS-9400 or our value-priced Releaseit Deck Unit.

**Model R2K Mid-Water Acoustic** Transponding Release is a full function acoustic release in a rugged and compact stainless steel housing for use in depths to 2,000 meters and loads up to 2,000 kg (4,400 lbs).

The R12K Deep Water Acoustic Transponding Release is designed for full ocean depth mooring recovery applications requiring a highly-reliable rugged stainless steel package and 4,540 kg (10,000 lbs) load handling.

Model HD Load Multiplier for Deep Releases is a secondary arm to provide a 5:1 mechanical advantage when used on any Deep Release. This 22,600 kg (24.9 tons) rated device is used for deployment of anchors and underwater construction applications.









2,000 kg (4,400 lbs)

2,000 kg (4,400 lbs) 1

High torque motor

0.3 m (1 ft)

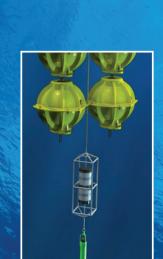
Up to 12 km (7.5 miles)













Rated Depth	500 m (1,640 ft)
Release Load Rating	180 kg (396 lb) release
Lift Load Rating	455 kg (1,000 lb)¹
Release Actuation	High torque motor
Slant Range	Up to 2 km (1.2 miles)
Range Accuracy	0.3 m (1 ft)
Tilt Range	0-180° at 1° increments
Operating Life	Up to 18 months <sup>2</sup>
Frequency Band	9-14 kHz (LF)
Source Level (typical)	167 dB re 1uPa @ 1m
Weight—In air In water	5.9 kg (13.1 lb) 2.1 kg (4.6 lb)
Dimensions	48 cm (18.9 in) length 11.4 cm (4.5 in) dia
Housing Construction	PVC
Topside Compability	UTS-9400 / Releaseit / To
Accessories	R500 Alkaline Battery (C-270-535) Drop Link - (0220-008) Anode Kit - (4-270-378)

455 kg (1,000 lb) <sup>1</sup>
High torque motor
Up to 2 km (1.2 miles)
0.3 m (1 ft)
0-180° at 1° increments
Up to 18 months <sup>2</sup>
9-14 kHz (LF)
167 dB re 1uPa @ 1m
5.9 kg (13.1 lb) 2.1 kg (4.6 lb)
48 cm (18.9 in) length 11.4 cm (4.5 in) dia
PVC
UTS-9400 / Release it / Test it
R500 Alkaline Battery (C-270-535)
Drop Link - (0220-008) Anode Kit - (A-270-378)

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0-180° at 1° increments
Up to 4 years <sup>2</sup>
9-14 kHz (LF)
185 dB ref 1 μPa @ 1m
18 kg (40 lbs) 13 kg (29 lbs)
66 cm (26 in) length 15 cm (6 in) dia.
Stainless steel (ferralium 255)
UTS-9400 / Releaseit <sup>3</sup> / Test <i>it</i>
R2K Alkaline Battery (C-270-388) Drop Link - (B-270-804) Bar Anode (A-855-139)

12,000 m (39,370 ft.)
4,540 kg (10,000 lbs)
4,540 kg (10,000 lbs) 1
High torque motor
Up to 12 km (7.5 miles)
0.3 m (1 ft)
0-180° at 1° increments
Up to 4 years <sup>2</sup>
9-14 kHz (LF)
185 dB ref 1 μPa @ 1m
36 kg (80 lbs) 28 kg (62 lbs)
93.7 cm (36.9) length 16.3 cm (6.4 in) dia.
Stainless steel (17-4)
UTS-9400 / Releaseit <sup>3</sup> / Testit
R12K Alkaline Battery (C-270-388) Drop Link - (B-855-186) Anode Kit - (A-855-82-1)

100
12,000 m (39,370 ft.)
22,600 kg (24.9 tons)
22,600 kg (24.9 tons) <sup>1</sup>
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-
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-
121 kg (268 lbs) 104 kg (230 lbs)
119.5 cm (47.1 in) length 48.2 cm (19 in) width (Dim. are w/releases attached)
Stainless steel (17-4) high strength carbon steel
-
008847 Drop Link -

<sup>1</sup> Refer to manual for static and dynamic loading.

<sup>2</sup> Refer to manual for more detailed battery life conditions.

<sup>3</sup> Depth limited due to 3 km slant range.