

**Simple
Powerful
Affordable**



Bore Logger

Multi Frequency

Depth Prediction

Ergonomic Design

Faraday Shield 3D Antenna

50 Hrs of Power Backup for Locator

Rechargeable Battery for Transmitter

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System Specifications

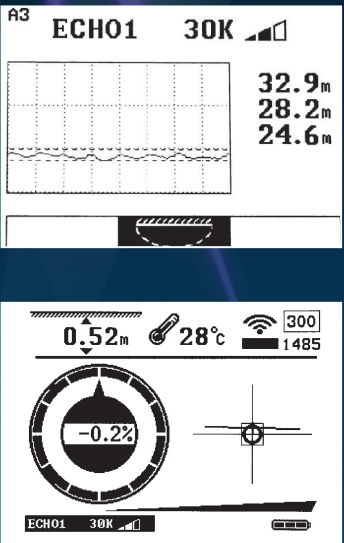
Mag Receiver

System	Mag 3
System Frequency	4 kHz, 19 kHz, 30 kHz
Compatible Transmitter	Echo 1 / Echo ST
Temperature Range	-20°C to 60°C
Radio Frequency	867 MHz
Telemetry	4 Radio Channels with Range up to 1800 m*
Power	Rechargeable Li-ion Battery 12.5v
Battery Life	Up to 50 hours
Dimensions	68.5 cm x 13 cm x 30 cm
Weight	2.5 kg
Water Proof	IP65

Mag Display

Telemetry	4 Radio Channels with Range up to 1800 m*
Power	Rechargeable Li-ion Battery 12.5v
Temperature Range	-20°C to 60°C
Dimensions	19 cm x 13 cm x 19 cm
Battery Life	Up to 50 hours
Radio Frequency	867 MHz
Weight	1.5 kg
Water Proof	IP65

* Recommend Yagi Antenna for Extended Telemetry Range



Transmitter Specifications

Transmitter	Echo ST	Echo 1 30K	Echo 1
Frequency	30kHz	30kHz	4kHz, 19kHz, 30kHz
Battery Type	16340 x 1 Rechargeable Lithium Battery	18650 x 1 Rechargeable Lithium Battery	18650 x 1 Rechargeable Lithium Battery
Battery Life	16340 (3.7v): 10 hrs	18650 (3.7v): 20 hrs - Normal Mode	18650 (3.7v): 20 hrs - Normal Mode
Depth Range	25 m (82 Ft)	30 m - Normal Mode	30 m - Normal Mode
Temperature	< 88° Celsius	< 121° Celsius	< 121° Celsius
Roll	24 Clock Position	24 Clock Position	24 Clock Position
Pitch	0.1% Resolution	0.1% Resolution	0.1% Resolution
V. BAT	3.6v ~ 4.2v	2.8v ~ 4.2v	2.8v ~ 4.2v
Dimensions	2 cm x 16 cm / 0.79 in x 6.3 in	3.2 cm x 38 cm	3.2 cm x 38 cm
Water Proof	IP67	IP67	IP67
Factory Locked	No	Yes	Yes