



MAG 9

SPECSHEET



Underground Magnetics
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Mag 9

Specifications



Receiver

System	Mag 9
System Frequency	16 Frequencies, .325kHz - 41kHz
Compatible Transmitter	Echo X-Mini / Echo 50 / Echo 50XF / Echo 60 / Echo 70 / Echo 90 / Echo 110
Temperature Range	-4 °F to 140 °F (-20 °C to 60 °C)
Radio Frequency	915 MHz
Telemetry	4 Radio Channels with range up to 3,000 ft. (900m)
Power	Rechargeable Lithium battery 12.5V
Battery Life	Up to 50 hours
Dimensions	29" x 9" x 13" (73.5 cm x 23 cm x 33 cm)
Weight	8.5 lbs. (3.85 kg)
Waterproof	IP65

Display

Display	7-inch Color Touch Screen Android Operating System
Data-log	Built-in
Temperature Range	-4 °F to 140 °F (-20 °C to 60 °C)
Radio Frequency	915 MHz
Telemetry	4 Radio Channels with range up to 3,000 ft. (900m)
Power	Rechargeable Lithium battery 12.5V
Battery Life	Up to 50 hours
Dimensions	7.5" x 5.1" x 7.5" (19 cm x 13 cm x 19 cm)
Weight	3.3 lbs. (1.5 kg)
Waterproof	IP65

Transmitter

Echo X-Mini

Echo 50

Echo 50XF

Frequency	2 Frequencies, 19kHz, 30kHz	12 Frequencies, 4kHz - 41kHz	16 Frequencies, .325kHz - 41kHz
Battery Type	18650 x 1 Rechargeable Lithium Battery	21700 x 1 Rechargeable Lithium Battery 261020 x 1 Lithium Battery (Super Cell)	21700 x 1 Rechargeable Lithium Battery 261020 x 1 Lithium Battery (Super Cell)
Battery Life	18650 (3.7v): 18 Hours - Normal Mode	21700 (4.2v): 50 Hours Normal Mode 12 Hours - High Power Mode 261020 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode	21700 (4.2v): 50 Hours - Normal Mode 12 Hours - High Power Mode 261020 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode
Depth & Data Range	60 Ft. (18m) - Normal Mode	131 Ft. (40m) - Normal Mode 164 Ft. (50m) - High Power Mode	131 Ft. (40m) - Normal Mode 164 Ft. (50m) - High Power Mode

Transmitter

Echo 70

Echo 90

Echo 110

Frequency	12 Frequencies, 4kHz - 41kHz	12 Frequencies, 4kHz - 41kHz	12 Frequencies, 4kHz - 41kHz
Battery Type	18650 x 3 Rechargeable Lithium Battery	18650 B2 x 2 Rechargeable Lithium Battery	18650 B2 x 3 Rechargeable Lithium Battery
Battery Life	18650 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode	18650 B2 (3.7v): 80 Hours - Normal Mode 20 Hours - High Power Mode	18650 B2 (3.7v): 120 Hours - Normal Mode 30 Hours - High Power Mode
Depth & Data Range	164 Ft. (50m) - Normal Mode 230 Ft. (70m) - High Power Mode	230 Ft. (70m) - Normal Mode 295 Ft. (90m) - High Power Mode	295 Ft. (90m) - Normal Mode 361 Ft. (110m) - High Power Mode



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