

# MAG 3s

## SPECSHEET



**Underground Magnetics**

*simple. powerful. affordable*

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# Mag 3s Specifications



## Receiver

System	Mag 3s
System Frequency	12 Frequencies, 4kHz - 41kHz
Compatible Transmitter	Echo X-Mini / Echo 50
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	27" x 5" x 12" (68.5 cm x 13 cm x 30 cm)
Weight	6.5 lbs. (3.0 kg)
Waterproof	IP65

## Display

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

Frequency	2 Frequencies, 19kHz, 30kHz
Battery Type	18650 x 1 Rechargeable Lithium Battery
Battery Life	18650 (3.7v): 18 Hours - Normal Mode
Depth & Data Range	60 Ft. (18m) - Normal Mode
Temperature	<250° F (121° Celcius)
Roll	24 Clock Position
Pitch	0.1% Resolution
V.BAT	2.7v - 4.2v
Dimensions	0.98" x 7.9" (2.5cm x 20cm)
Water Proof	IP67

## Echo X-Mini

## Echo 50

Frequency	12 Frequencies, 4kHz - 41kHz
Battery Type	21700 x 1 Rechargeable Lithium Battery 261020 x 1 Lithium Battery (Super Cell)
Battery Life	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	131 Ft. (40m) - Normal Mode 164 Ft. (50m) - High Power Mode
Temperature	<250° F (121° Celcius)
Roll	24 Clock Position
Pitch	0.1% Resolution
V.BAT	2.7v - 4.2v
Dimensions	1.25" x 15" (3.2cm x 38cm)
Water Proof	IP67