

# Grab the Power!

the new  
**MAG 9**



**Underground MagNetics**

*simple. powerful. affordable.*

# Mag 9 | specifications

## mag receiver specifications

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

## mag display specifications

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

## transmitter specifications

Transmitter	Echo X-Mini	Echo 50	Echo 50x
<b>Frequency</b>	2 Frequencies, 19kHz, 30kHz	12 Frequencies, 4kHz - 41kHz	16 Frequencies, .325kHz-41kHz
<b>Battery Type</b>	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)
<b>Battery Life</b>	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
<b>Depth &amp; Data Range</b>	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
<b>Frequency</b>	12 Frequencies, 4kHz-41kHz	12 Frequencies, 4kHz-41kHz	12 Frequencies, 4kHz-41kHz
<b>Battery Type</b>	18650 x 3 Rechargeable Lithium Battery	18650 B2 x 2 Rechargeable Lithium Battery	18650 B2 x 3 Rechargeable Lithium Battery
<b>Battery Life</b>	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
<b>Depth &amp; Data Range</b>	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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