

MAG X PRO



**BORE-TO
STEERING MODE**



**AUTOMATED
DATA LOGGING**



**REBAR
FREQUENCIES**



**DOUBLE
RANGE IN SUB-KHZ**



MAG X PRO SPECIFICATIONS

Receiver

System	Mag X PRO
System Frequency	16 Frequencies, .325kHz - 41kHz
Compatible Transmitter	Echo X-Mini / Echo 50XF / Echo 75XF / Echo 70 / Echo 90 / Echo 110
Temperature Range	-4° F to 140° F (-20° C to 60° C)
Radio Frequency	915 MHz (US) / 433MHz (EU) / 867 MHz (IN)
Telemetry	4 Radio Channels with range up to 3,000 ft. (900m)
Power	Rechargeable Lithium battery 12.5V
Accuracy	±5%
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

Housing Suitability Check

For Echo 50XF / Echo 70 / Echo 75XF / Echo 90 / Echo 110

V. ANT (Antenna Voltage)	P. ANT (Transmitter Antenna Voltage)
Normal Range	95% - 105%
	Low Power Mode 120mW - 150mW
	Normal Power Mode 300mW - 500mW
	High Power Mode 1200mW - 2000mW

Note: Place the transmitter inside the housing for Suitability Check



Display

Display	7-inch Color Touch Screen Android Operating System
Data Logging	Built-in
Temperature Range	-4° F to 140° F (-20° C to 60° C)
Radio Frequency	915 MHz (US) / 433MHz (EU) / 867 MHz (IN)
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

Transmitters

Echo X-Mini



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
Dimensions	8" long x 1" diameter

Echo 50XF



Frequency	16 Frequencies, .325kHz - 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

Echo 75XF



Frequency	16 Frequencies, .325kHz - 41kHz
Battery Type	26650 x 2 Rechargeable Lithium Battery
Battery Life	26650 x 2: 100 Hours - Normal Mode 60 Hours - Medium Power Mode 11 Hours - High Power Mode
Depth & Data Range	114 Ft. (35m) - Low Power Mode 180 Ft. (55m) - Medium Power Mode 278 Ft. (85m) - High Power Mode
Dimensions	19" long x 1.25" diameter

Echo 70



Frequency	12 Frequencies, 4kHz - 41kHz
Battery Type	18650 x 3 Rechargeable Lithium Battery
Battery Life	18650 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode
Depth & Data Range	164 Ft. (50m) - Normal Mode 230 Ft. (70m) - High Power Mode
Dimensions	15.9" long x 1.42" diameter

Echo 90



Frequency	12 Frequencies, 4kHz - 41kHz
Battery Type	18650 B2 x 2 Rechargeable Lithium Battery
Battery Life	18650 B2 (3.7v): 80 Hours - Normal Mode 20 Hours - High Power Mode
Depth & Data Range	230 Ft. (70m) - Normal Mode 295 Ft. (90m) - High Power Mode
Dimensions	18" long x 1.42" diameter

Echo 110



Frequency	12 Frequencies, 4kHz - 41kHz
Battery Type	18650 B2 x 3 Rechargeable Lithium Battery
Battery Life	18650 B2 (3.7v): 120 Hours - Normal Mode 30 Hours - High Power Mode
Depth & Data Range	295 Ft. (90m) - Normal Mode 361 Ft. (110m) - High Power Mode
Dimensions	24" long x 1.42" diameter