

Underground Magnetics, Inc.

Price Book



www.umag HDD.com

Locator Packages



Mag9Pack—Echo 50 X(2) \$19,000

- Mag 9 Receiver
- Mag 9 Display
- Two Echo 50X Transmitters
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Accessory Kit—includes (1) Transmitter battery charger, (2) 21700 Rechargeable Lithium Batteries
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.

Dimensions	1.25" X 15" length
Frequency	16 frequencies .325kHz-41kHz
Depth Range	Normal Power: 130ft High Power: 160ft
Power	21700 rechargeable lithium battery 261020 lithium battery
21700 (4.2 V)	Normal Power: 50 hours High Power: 12 hours
261020 (3.7V)	Normal Power: 60 hours High Power: 15 hours
Temperature	Under 250° F
Battery Voltage	2.8V — 4.2V



Echo 50X

Mag9Pack—Echo 50X(1) \$17,000

- Mag 9 Receiver
- Mag 9 Display
- One Echo 50X Transmitters
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.

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Battery Voltage	2.8V — 4.2V



Echo 50X

Mag9Pack—Echo 50X/70 \$21,500

- Mag 9 Receiver
- Mag 9 Display
- One Echo 50X Transmitter
- One Echo 70 Transmitter
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Accessory Kit Echo 50X—includes : (1) Transmitter battery charger, (2) 21700 Rechargeable Lithium Batteries
- Accessory Kit Echo 70—includes: (1) Echo 70 Transmitter battery charger, (6) 18560 Rechargeable Lithium Batteries, (2) Rear Adaptors, (1) Front Adaptor, (1) Center Band and (3) Isolator Springs
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and

Echo 70 Specs

Dimensions	1.42" X 15.94" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	Normal Power: 164ft High Power: 230ft
Power	(3) 18650B2 rechargeable lithium batteries
18650 (3.7V)	Normal Power: 60 hours High Power: 15 hours
Temperature	Under 250° F
Battery Voltage	8.4V—12.6V



Mag9Pack—Echo 50X/90 \$22,000

- Mag 9 Receiver
- Mag 9 Display
- One Echo 50X Transmitter
- One Echo 90 Transmitter
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Accessory Kit Echo 50X—includes : (1) Transmitter battery charger, (2) 21700 Rechargeable Lithium Batteries
- Accessory Kit Echo 90—includes: (1) Transmitter battery charger, (4) 18560B2 Rechargeable Lithium Batteries, (1) Adaptor and (2) Isolator Springs
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.

Echo 90 Specs

Dimensions	1.42" X 18" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	Normal Power: 230ft High Power: 295ft
Power	(2) 18650B2 rechargeable lithium batteries
18650B2 (3.7V)	Normal Power: 80 hours High Power: 20 hours
Temperature	Under 250° F
Battery Voltage	5.6V—8.4V

Echo 50X



Echo 90

Mag9Pack—Echo 50X/110 \$23,000

- Mag 9 Receiver
- Mag 9 Display
- One Echo 50X Transmitter
- One Echo 110 Transmitter
- Short Antenna—Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Accessory Kit Echo 50X—includes : (1) Transmitter battery charger, (2) 21700 Rechargeable Lithium Batteries
- Accessory Kit Echo 110—includes: (1) Transmitter battery charger, (6) 18560B2 Rechargeable Lithium Batteries, (1) Adaptor and (3) Isolator Springs
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.

Echo 110 Specs

Dimensions	1.42" X 24" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	Normal Power: 295ft High Power: 360ft
Power	(3) 18650B2 rechargeable lithium batteries
18650B2 (3.7V)	Normal Power: 120 hours High Power: 30 hours
Temperature	Under 250° F
Battery Voltage	8.4V—12.6V



Mag9Pack—Echo 70 (2) \$22,500

- Mag 9 Receiver
- Mag 9 Display
- Two Echo 70 Transmitters
- Short Antenna
- Long Antenna
- Accessory Kit Echo 70—includes: (1) Echo 70 Transmitter battery charger, (6) 18560 Rechargeable Lithium Batteries, (2) Rear Adaptors, (1) Front Adaptor, (1) Center Band and (3) Isolator Springs
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.

Dimensions	1.42" X 15.94" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	Normal Power: 164ft High Power: 230ft
Power	(3) 18650B2 rechargeable lithium batteries
18650 (3.7V)	Normal Power: 60 hours High Power: 15 hours
Temperature	Under 250° F
Battery Voltage	8.4V—12.6V



Echo 70

Mag3s Pack—XMINI \$12,500

- Mag 3s Receiver
- Mag 3s Display
- XMINI Transmitter
- XMINI Accessory Kit—includes: (2) 18650 Rechargeable Lithium Batteries (1) Transmitter Battery Charger
- Short Antenna
- Long Antenna
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.



XMINI

Dimensions	1" X 8" length
Frequency	2 frequencies 19kHz and 30kHz
Depth Range	60ft
Power	(1) 18650 rechargeable lithium battery
18650 (3.7V)	18 hours
Temperature	Under 250° F
Battery Voltage	2.7V—4.2V

Mag3s Pack—Echo 50 \$12,500

- Mag 3s Receiver
- Mag 3s Display
- Echo 50 Transmitter
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.



Echo 50

Weight	1.5lbs
Dimensions	1.25" X 15" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	90ft/ 130ft / 130ft
Power	Echo Cell Kit or Lithium Battery
Echo Cell Kit	4.2V, 50 hours of continuous usage
Temperature	Under 250° F

Mag5s Pack—Echo 50X \$14,500

- Mag 5s Receiver
- Mag 5s Display
- Echo 50X Transmitter
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.



Echo 50X

Weight	1.5lbs
Dimensions	1.25" X 15" length
Frequency	16 frequencies .325kHz-41kHz
Depth Range	90ft/ 130ft / 130ft
Power	Echo Cell Kit or Lithium Battery
Echo Cell Kit	4.2V, 50 hours of continuous usage
Temperature	Under 250° F

Mag3s Pack—Echo 50 (2) \$14,500

- Mag 3s Receiver
- Mag 3s Display
- Two Echo 50 Transmitters
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.



Weight	1.5lbs
Dimensions	1.25" X 15" length
Frequency	12 frequencies 4kHz-41kHz
Depth Range	90ft/ 130ft / 130ft
Power	Echo Cell Kit or Lithium Battery
Echo Cell Kit	4.2V, 50 hours of continuous usage
Temperature	Under 250° F

Echo 50

Mag5s Pack—Echo 50X (2) \$16,500

- Mag 5s Receiver
- Mag 5s Display
- Two Echo 50X Transmitters
- Short Antenna
- Long Antenna
- Battery—261020 Non Rechargeable Lithium Batteries (3)
- Battery—Receiver/Display Rechargeable Lithium Batteries (3)
- Charger—Receiver/Display Battery Charger
- Mag Receiver Stand
- Hard Carry Case—included in case: Locator Manual, Safety Vest, Tape Measure and Transmitter Cap Removal Tool.



Weight	1.5lbs
Dimensions	1.25" X 15" length
Frequency	16 frequencies .325kHz-41kHz
Depth Range	90ft/ 130ft / 130ft
Power	Echo Cell Kit or Lithium Battery
Echo Cell Kit	4.2V, 50 hours of continuous usage
Temperature	Under 250° F

Echo 50X

Transmitters



Transmitters

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
2000107	Echo ST	\$ 1,200.00
2000900	XMINI	\$ 1,500.00
2000089	Echo 1	\$ 2,500.00
2000134	Echo 2S	\$ 2,500.00
2000202	Echo 50	\$ 3,000.00
2000202R	Echo 50X	\$ 3,800.00
2000203	Echo 60	\$ 4,000.00
2000204	Echo 70	\$ 4,500.00
2000205	Echo 90	\$ 5,000.00
2000206	Echo 110	\$ 6,500.00

Accessories



Accessory Kits for Transmitters

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
3000127	XMINI Accessory Kit: (2) 18650 Rechargeable Lithium Batteries (1) Transmitter Battery Charger	\$ 75.00
3000124	Echo ST Accessory Kit: (1) 16340 Rechargeable Lithium Battery (1) Transmitter Battery Charger	\$100.00
3000126	Echo Cell Kit: (1) Transmitter battery charger, (2) 21700 Rechargeable Lithium Batteries	\$275.00
3000128	Echo 70 Accessory Kit: (1) Echo 70 Transmitter battery charger, (6) 18650 Rechargeable Lithium Batteries, (2) Rear Adaptors, (1) Front Adaptor, (1) Center Band and (3) Isolator Springs	\$300.00
3000129	Echo 90 Accessory Kit: (1) Transmitter battery charger, (4) 18650B2 Rechargea- ble Lithium Batteries, (1) Adaptor and (2) Isolator Springs	\$350.00
3000130	Echo 110 Accessory Kit: (1) Transmitter battery charger, (6) 18650B2 Rechargea- ble Lithium Batteries, (1) Adaptor and (3) Isolator Springs	\$350.00

Transmitter Adaptors

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
4000101	Echo 50 DW Adaptor Front	\$ 60.00
4000100	Echo 50 DW Adaptor Rear	\$ 60.00
1000285	Echo 70 Adaptor Front	\$ 40.00
1000286	Echo 70 Adaptor Rear	\$ 40.00
4000104	Echo 70 Adaptor Center Band	\$ 5.00
4000106	Echo 90 Adaptor—Front Only	\$ 60.00
4000105	Echo 110 Adaptor—Front Only	\$ 60.00

Batteries

1040183	16340 Rechargeable Lithium	\$ 15.00
1040182	18650 Rechargeable Lithium	\$ 50.00
1040217	18650B2 Rechargeable Lithium	\$ 75.00
1040165	261020 Non Rechargeable Lithium	\$ 50.00
1000296	21700 Rechargeable Lithium	\$100.00
2000088	Receiver/Display Battery	\$150.00
2000130	Battery Cartridge for 18650 Battery	\$ 85.00

Chargers

1040184	16340 Battery Charger	\$ 35.00
1040177	18650 Battery Charger	\$ 35.00
2000207	Echo 70 Transmitter Charger	\$ 65.00
1040230	18650B2 & 21700 Battery Charger	\$ 75.00
1090001	Receiver/Display Battery Charger	\$ 75.00

Transmitter Housings

951-5002	End Load Housing HF - 5"/3.5" IF Box x 3.5" Reg	\$5,900.00 Echo 90
951-6502	End Load UM, HF - 6.5" 4-1/2" IF Box x 4-1/2 Reg Box Echo 110	\$6,500.00 Radius
4000111	End Load Housing Kit 4.5" to 5.5"	\$ 225.00
9860	Sideload Housing 3.5" / 2.375 API Box to Box - Railhead	\$1,490.00 Echo 90
4740	Sideload Housing Kit for Echo 90 - Railhead	\$ 75.00

Parts

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
7000100	Mag 3s Receiver	\$ 7,500.00
7000101	Mag 3s Display	\$ 3,100.00
8000100	Mag 5s Receiver	\$ 9,500.00
8000101	Mag 5s Display	\$ 5,100.00
2000240	Mag 5s Panel Mount Display	\$ 5,100.00
9000101	Mag 9 Receiver	\$10,000.00
9000100	Mag 9 Display	\$ 5,600.00
2000092	Mag3s/5s Hard Carry Case	\$ 225.00
1090006	Short Display Antenna	\$ 48.00
1090003	Long Display Antenna	\$ 57.00
1040164	Mag 3s/5s Receiver Stand	\$ 25.00
1040083	Mag 3s/5s Receiver Rubber Foot Cover	\$ 15.00
1040114	Mag 3s/5s Display Rubber Screen Cover	\$ 15.00
2000011	Mag Cap Removal Tool	\$ 8.00