

MALÅ Easy Locator HDR

GROUND PENETRATING RADAR

The professional's choice for utility locating

MALÅ Easy Locator, the second generation Easy Locator, is a compact, rugged and cost-effective system delivering results on the go. Based on unique HDR technology, MALÅ Easy Locator HDR provides an unparalleled level of data quality and exceptional detection capabilities.

MALÅ Easy Locator HDR Controller

Processor	1.6 GHz Intel Atom
Display	1024 x 768 mm
Memory	8 GB compact Flash memory
Data output resolution	32 bit (does not allow export of data)
Comms	Ethernet, USB 3.0, RS232 (serial)
GPS	Integrated support for built-in GPS
Power supply	Any external 10 -15 V DC source.
Internal Charger	Unit can also be charged from any external 12 - 15 V DC source.
Power consumption	1.3 – 2.0 A
Operating time	5 – 12 h (depending on number of batteries)
Dimensions	430 x 360 x 180 mm, including handles
Weight	2,5 kg / 5.5 lbs
Operating temp	-20 °C to +50 °C / 0°F to 120° F
Environmental	IP65



MALÅ Easy Locator HDR Rev1 Antenna

Technology	Real-time sampling technology (HDR)
Antenna center freq.	450 MHz
SNR	>101 dB
No. of bits	>16 bit
Scans/second	>770, time window 300ns
Survey speed	275 [km/h] point distance 10 cm
Time window	300 ns
Operating time	12 h (max)
Bandwidth	>120%, fractional, -10 dB
Positioning	Built-in DGPS (SBAS)
Power supply	Li-Ion 12 V DC battery
Power consumption	1.3 A
Acq. Mode	Wheel or time
Dimensions	54x43x18cm/21"x17"x7"
Dimensions with wheels	67x47x19cm/26"x19"x7.5"
Weight	6,5 kg / 14 lbs
Weight with wheels	12 kg / 26.5 lbs
Operating temp	- 20° to + 50°C or 0° to 120° F
Environmental	IP65



MALÅ Easy Locator HDR Cart

Dimensions, folded for transport	820 x 560 x 400 mm
Dimensions, when in use	1100 x 560 x 1000 mm
Weight	21.5 kg / 47 lbs, with controller and antenna mounted
Battery bay/compartment	Fits four 12 V Li-Ion

MALÅ Rough Terrain Cart

Dimensions, folded for transport	820 x 560 x 400 mm
Dimensions, when in use	1100 x 560 x 1000 mm
Weight	33.5 kg / 73.8 lbs, with controller and antenna mounted
Battery bay/compartment	Optional battery bag fits four 12 V Li-Ion



MALÅ Easy Locator HDR Rev2 Antenna

Technology	Real-time sampling technology (HDR)
Antenna center freq.	450 MHz
SNR	>101 dB
No. of bits	>16 bit
Scans/second	>770, time window 300ns
Survey speed	275 [km/h] point distance 10 cm
Time window	300 ns
Operating time	12 h (max)
Bandwidth	>120%, fractional, -10 dB
Positioning	Built-in DGPS (SBAS)
Power supply	Li-Ion 12 V DC battery
Power consumption	1.3 A
Acq. Mode	Wheel or time
Dimensions	43x36x18cm/17"x14"x7"
Weight	5.5 kg / 12.1 lbs
Operating temp	-20 °C to +50 °C / 0 °C to 120 °F
Environmental	IP65



MALÅ Rough Terrain Cart Mini

Dimensions folded for transport 609 x 483 x 406 mm / 24 x 19 x 16 in

Dimensions, when in use 609 x 483 x 1041 mm / 24 x 19 x 41 in

Weight 18 kg / 40.0 lb without controller and antenna mounted



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Guideline Geo is a world-leader in geophysics and geo-technology offering sensors, software, services and support necessary to map and visualize the subsurface. Guideline Geo operates in four international market areas: Infrastructure – examination at start-up and maintenance of infrastructure, Environment – survey of environmental risks and geological hazards, Water – mapping and survey of water supplies and Minerals – efficient exploration. Our offices and regional partners serve clients in 121 countries. The Guideline Geo AB share (GGEO) is listed on NGM Equity.

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