

# MALÅ Easy Locator Pro WideRange HDR

## GROUND PENETRATING RADAR

The professional's choice for utility mapping

Now introducing a unique addition to the EL product family – MALÅ EL Pro WideRange HDR, with the widest GPR antenna bandwidth available for utility detection, on the market. Ultra-fast simultaneous high-resolution data acquisition for both shallow and deep targets – all in one solution.

The new cart has improved stability and folding mechanics. In conjunction with alternative wheel options, new controller tray, battery compartment with more battery space and a better lock, the utility locating becomes more efficient. In conjunction with the EL Pro WideRange HDR, Object Mapper 2.0, is released with improved user interface and online map support.

MALÅ Easy Locators are robust, foldable GPR-systems with exceptional data collection capabilities for utility detection and subsurface anomaly locating. The MALÅ HDR real-time sampling technology means higher data resolution and significantly better depth of penetration compared to traditional GPR technology.

## MALÅ EL Pro WideRange HDR Controller

<b>Processor</b>	1.6 GHz Intel Atom
<b>Display</b>	High Resolution 1024 x 768 pixels High contrast – Sunlight-readable
<b>Operating system</b>	Linux
<b>Memory</b>	8 GB compact Flash memory
<b>Data output resolution</b>	32 bit (*.rd7)
<b>Comms</b>	Ethernet, USB, RS232 (serial)
<b>GPS</b>	Built-in GPS in antenna (SBAS), support for external GPS
<b>Power supply</b>	10-15 V DC source
<b>Operating time</b>	Up to 8 hrs
<b>Power consumption</b>	1.3 – 1.8 A (depending on back-light settings)
<b>Dimensions</b>	430 x 360 x 180 mm, including handles
<b>Weight</b>	2.5 kg / 5.5 lbs
<b>Operating temp</b>	-20 °C to +50 °C / 0 °F to 120 °F
<b>Environmental</b>	IP 65



# MALÅ EL Pro WideRange Antenna

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<b>Technology</b>	MALÅ HDR Technology
<b>Effective bandwidth</b>	80-950 MHz
<b>SNR</b>	> 101 dB
<b>Significant/useful number of bits</b>	> 18 bit
<b>Scans/second</b>	> 500
<b>Operating time</b>	Up to 8 hrs
<b>Positioning</b>	Built-in DGPS (SBAS), external GPS, wheel encoder
<b>Power supply</b>	Interchangeable 12 V Li-Ion batt. or ext. 12 V DC source (hot-swap)
<b>Power consumption</b>	3 A
<b>Acq. Mode</b>	Wheel, time or manual
<b>Dimensions</b>	720 x 480x 190 (L x W x H)
<b>Weight</b>	10,8 kg / 23.8 lbs
<b>Operating temp</b>	-20 °C to +50 °C / 0 °C to 120 °F
<b>Environmental</b>	IP 65

# MALÅ EL Pro Cart Mk2

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<b>Dimensions, folded for transport</b>	820 x 640 x 400 (L x W x H)
<b>Dimensions, when in use</b>	1100 x 640 x 1000 (L x W x H)
<b>Weight</b>	13 kg / 28.7 lbs
<b>Battery compartment</b>	Fits four 12 V Li-Ion

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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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