MALÅ by Guideline Geo Exact your exact solution

Technical Specification

MALÅ Easy Locator Lite



The MALÅ Easy Locator Lite is an easy to operate and cost-effective GPR system. Designed specifically for utility detection.

Ready to use right out of the box, it provides real-time information without the complexity of survey setup, positioning, data storage, or post-processing.

Optimized settings and MALÅ AI interpretation support help operators detect and mark buried utilities quickly, accurately, and confidently.

Easy Locator Lite is part of the MALÅ Easy Locator family, which also includes Easy Locator Core for users whose applications call for a more survey-oriented workflow and extended data collection capabilities.

General

Acquisition platform	Lite Controller
Recommended tablet	Samsung Galaxy Tab Active Pro/Getac ZX-10
Artificial Intelligence	Real-time MALÅ AI
Core technology	MALÅ HDR real-time sampling
Data output	32 bit
Operating time	> 8 h
Dimensions (antenna only)	21 x 44 x 37 cm (8.3 x 17.3 x 14.6”)
Dimensions (in the RTC Mini)	105 x 61 x 86 cm (41.3 x 24.2 x 34.1”)
Weight (antenna only, incl. batteries)	5.5 kg (12.1 lbs)
Weight (in operation, incl. RTC Mini, excl. tablet)	23.7kg (52.2 lbs)
Environmental	IP65
Acquisition mode	Encoder wheel
Antenna center frequency	450 MHz
SNR (signal to noise ratio)	> 102 dB
Bandwidth	> 121 %, fractional, -10 dB
Power supply	Dual interchangeable 12 V Li-Ion batteries

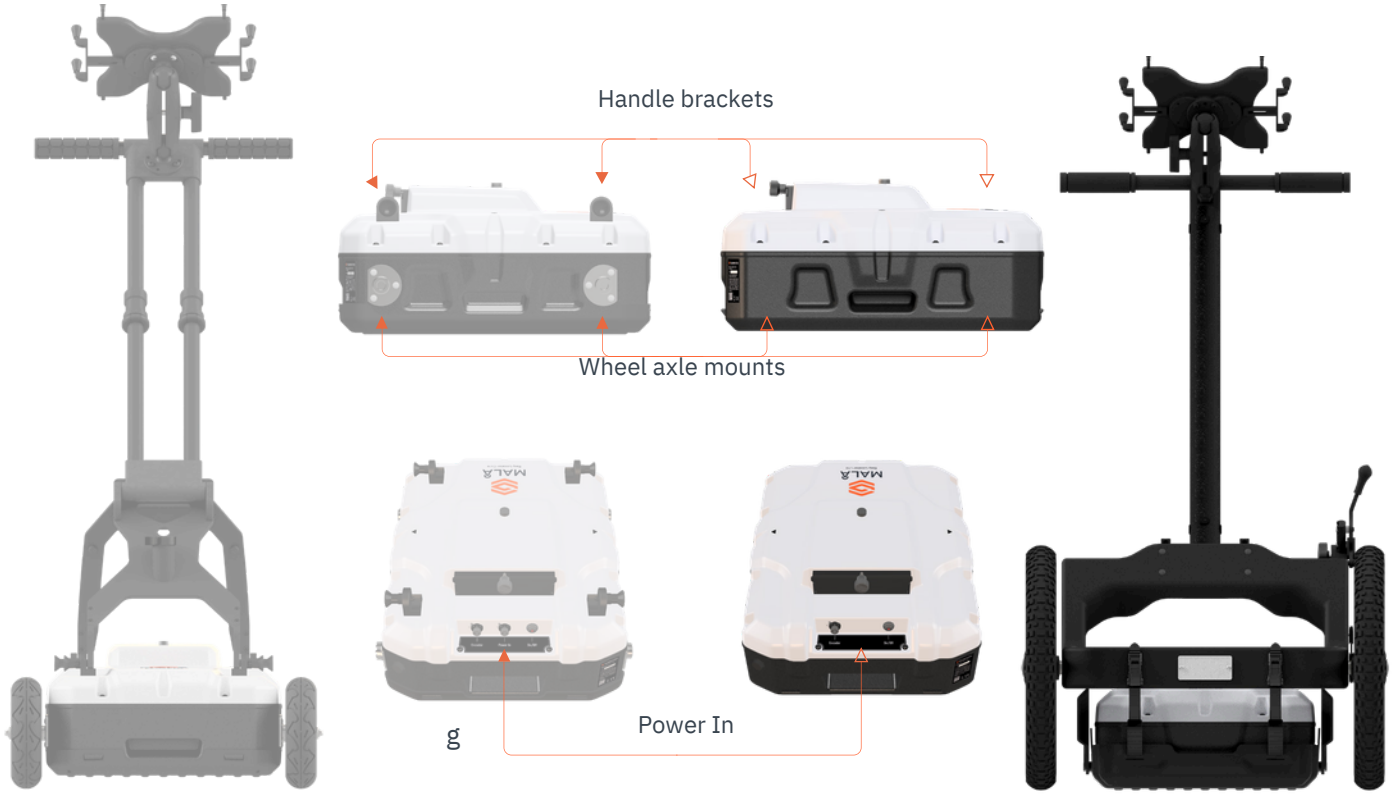








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Side by Side

Easy Locator Core		Easy Locator Lite
MALÅ Controller App	**Acquisition platform**	Lite Controller
MALÅ Vision	**Processing platform**	N.A.
Samsung Galaxy Tab Active Pro 5G/Getac ZX-10	**Recommended tablet**	Samsung Galaxy Tab Active Pro 5G/Getac ZX-10
Real-time MALÅ AI	**Artificial Intelligence**	Real-time MALÅ AI
MALÅ HDR real-time sampling	**Core technology**	MALÅ HDR real-time sampling
32 bit	**Data output**	32 bit
> 8 h	**Operating time**	> 8 h
102 x 49 x 79 cm (40 x 19 x 31")	**Dimensions (in operation)**	105 x 61 x 86 cm (41.3 x 24.2 x 34.1")
29 x 49 x 49 cm (11.4 x 19 x 19")	**Dimensions (transport)**	42 x 88 x 62 cm (16.5 x 34.6 x 24.4")
15 kg (33 lbs)	**Weight (in operation, excl. tablet)**	N.A.
25.8 kg (56.8 lbs)	**Weight (in operation, incl. RTC Mini, excl. tablet)**	23.7 kg (52.3 lbs)
IP65	**Environmental**	IP65
RTK GNSS (option), DGNSS, mobile device positioning, encoder, total station support	**Positioning**	N.A
Encoder wheel, Time, MALÅ Motion Trig or Manual	**Acquisition mode**	Encoder wheel
450 MHz	**Antenna center frequency**	450 MHz
> 102 dB	**SNR (signal to noise ratio)**	> 102 dB
> 121 %, fractional, -10 dB	**Bandwidth**	> 121 %, fractional, -10 dB
Dual 12 V Li-Ion, external 12 V DC source	**Power supply**	Dual 12 V Li-Ion batteries
MALÅ Rough Terrain Cart Mini (option)	**Rough terrain capability**	Always in the RTC mini

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