



MALÅ Easy Locator Pro (HDR)

MALÅ Easy Locator Pro is a cost-effective, end-to-end, solution for utility mapping. It is the first Easy Locator being able to export 32 bit HDR data to stand-alone software and the solution comes bundled with both MALÅ ObjectMapper and GPS Mapper software. The Easy Locator Pro Controller uses a single navigator button and the well-known, easy-to-use Easy Locator user interface. The solution has built-in DGPS (SBAS) but supports also stand-alone high precision GPS systems. The solution supports various project types, such as 2D project, 3D grid project and ObjectMapper project.

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MALÅ Easy Locator Pro Controller

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|-------------------------|--|
| Processor: | 1.6GHz Intel Atom |
| Display: | 1024 x 768 |
| OS: | Linux |
| Memory: | 8GB compact Flash memory |
| Data output resolution: | 32 bit |
| Comms: | Ethernet, USB3.0, RS232 (serial) |
| GPS: | Integrated support for built-in GPS, or external GPS via USB/serial port (NMEA 0183 protocol). |
| Power supply: | Any external 10-15V DC source. |
| Charger: | Internal. Unit can also be charged from any external 12 - 15V DC source. |
| Power consumption: | 1.3 – 2.0 A |
| Operating time: | 8 – 14 h (depending on number of external batteries) |
| Dimensions: | 430 x 360 x 180, including handles |
| Weight: | 2.5 kg |
| Operating temp: | -20° to +50°C or 0° to 120°F |
| Environmental: | IP65 |



MALÅ Easy Locator Pro HDR

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|------------------------------------|--|
| Technology: | MALÅ Semi-Real-Time ^{pat pending} |
| Antenna center freq.: | 450Mhz |
| SNR: | > 101dB |
| Significant/useful number of bits: | > 16 bit |
| Scans/second: | > 770, time window 300ns |
| Survey speed: | 275 [km/h] point distance 10cm |
| Time window: | 300ns |
| Operating time: | 5 h |
| Bandwidth: | >120%, fractional, -10dB |
| Positioning: | Inbuilt DGPS (SBAS, +/- 1.5m), external GPS, wheel encoder |
| Power supply: | Interchangeable 12V Li-Ion batt. or ext. 12V DC source |
| Power consumption: | 1.3 A |
| Acq. Mode: | Wheel, time or manual |
| Dimensions: | 430 x 360 x 180 mm |
| Weight: | 5.5 kg |
| Operating temp: | -20° to +50°C or 0° to 120°F |
| Environmental: | IP65 |



MALÅ Rough Terrain Cart (RTC)

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|---------|---|
| Length: | 1.17 m including handle, 0.94 m without |
| Height: | 1.11 m including handle, 0.41 m without |
| Width: | 0.71 m |
| Weight: | 25 kg |

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