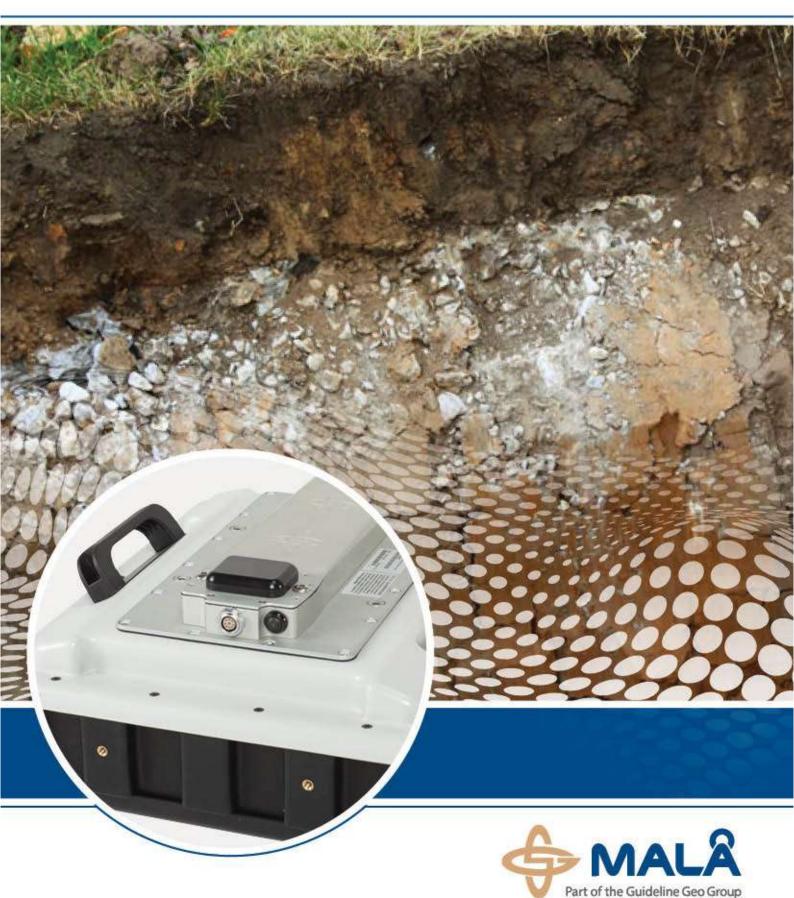
# MALA GROUNDEXPLORER Integrated GPR solutions





# MALÅ HDR technology – a giant leap for GPR

MALÅ HDR (High Dynamic Range) technology is the result of unique development that represents a giant leap forward for GPR products and solutions.

### MALÅ PRODUCTS BUILT WITH HDR

**TECHNOLOGY** deliver unprecedented data quality and performance. Due to the exceptional bandwidth and the high dynamic range, MALÅ GroundExplorer and other HDR enabled products will deliver far better results than conventional GPR solutions. In most media, HDR enabled GPR solutions deliver deeper

penetration without compromising surface resolution. Users will appreciate the high signal-to-noise ratio (S/N) of the MALÅ GroundExplorer. The low noise, 32-bit, output brings clarity to GPR data never seen before.

The MALÅ GroundExplorer is the latest addition to MALÅ's versatile range of GPR

solutions. To date, the MALÅ Ground-Explorer is the first commercial GPR solution available that incorporates the advantages of modern real-time sampling. The unique HDR technology combined with a vast experience of end-users' needs incorporated into the MALÅ GroundExplorer offers easy-to-use GPR solutions built into field rugged platform.











# MALÅ GroundExplorer new standard for GPR solutions

The powerful MALÅ HDR technology provides the user with unmatched versatility and performance. Integration, ease of use and flexible configurations are just a few of the features in the MALA GroundExplorer. Add to this the superior data quality, the resolution, and performance in MALÅ GroundExplorer over conventional GPR.

## Advantages compared to conventional GPR technology

- ▷ Significantly faster data acquisition rates
- ▷ Greater signal-to-noise ratio
- ▷ Increased bandwidth
- □ Unprecedented dynamic range and resolution
- □ Greater depth penetration
- ▶ Better detection capabilities



# The MALÅ GroundExplorer

# **FEATURES:**

- ▶ Well designed, field-rugged enclosure
- ▶ Built-in power supply and DGPS
- ▶ Reduced footprint and weight
- ▶ Simplified graphical user interface
- ▶ In-the-field processing and interpretation
- ▶ Visible cables reduced to a minimum
- ► High resolution HDR controller display
- ▶ Two component system with one cable
- ▶ All antennas meet FCC, EC and IC regulatory limits on radio emissions



There are currently four different MALÅ GroundExplorer solutions; GX80 HDR, GX160 HDR, GX450 HDR and GX750 HDR.



Optional accessories include external batteries for extended operation, MALÅ HDR forest kit, and the MALÅ Rough Terrain Cart.



# The MALÅ GX Controller

Each MALÅ GroundExplorer solution includes the MALÅ GX Controller for data acquisition and management. The MALÅ GX Controller includes an easy-to-use interface presented on a high-resolution display (1024x768) encased in a tough aluminum shell and operated by a clever navigator.



THE MALÅ HDR PRODUCTS GIVE THE GPR COMMUNITY ACCESS TO EASY-TO-USE SYSTEMS WITH SIGNIFICANTLY HIGHER DEPTH PENETRATION AS WELL AS BETTER DETECTION CAPABILITIES.

GPR WITH EXCEPTIONAL RANGE AND RESOLUTION.

MALA GEOSCIENCE is the global leader in Ground Penetrating Radar (GPR) with users in 113 countries and more than 60 distributors. With offices in Sweden, USA, China, Malaysia and Australia, and service centers in 3 continents, MALÅ offers an outstanding level of service to customers and business partners worldwide.

MALÅ GEOSCIENCE is a part of the Guideline Geo Group, a global leader in geophysics and geo technology.



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