MALÅ

Quick Guide
MALÅ MIRA Compact

Assembly and Start-up

Figure 1. Unfold handle and lower the support arms. Pull MALÅ lanyard to unfold laptop holder.

Figure 2. Lock the plunger by rotating the knob and pushing it in to secure the support arms.

Mount your laptop securely on the laptop holder, use the included Havis owner's manual for adjustment instructions. Use the quick-release clamp to secure the GNSS antenna or Total Station prism. If using a longer pole, it is recommended to use the MALÅ GNSS support arms for stability (optional accessory). Make sure the encoder cable is connected between the antenna box and the frame. Connect the ethernet cable between antenna and laptop. If needed, connect the included USB-C cable for charging your laptop or GNSS antenna.

Note: Depending on the site conditions the front pivot wheel can be locked in a straight position.

Confirm that the batteries are charged. Insert batteries into the battery compartments.

Press the *On/Off* button to start the MIRA Compact. Wait for a steady light; the system is now ready to be connected to the MIRA Controller software. To power off, press and hold the *On/Off* button for 3 s.

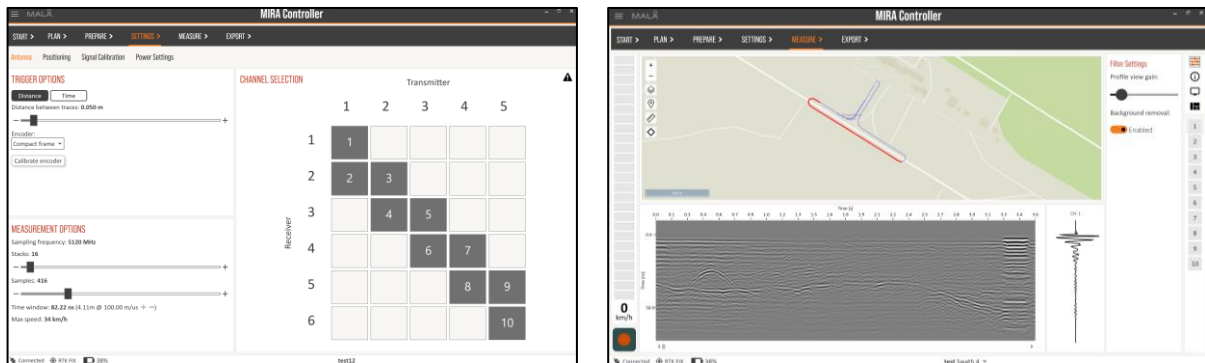Figure 3. Battery compartments and connector panel

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Pro tip: Batteries are hot-swappable during measurement, allowing continuous surveying.

> **Note:** Power off the MALÅ MIRA Compact when not in use to conserve battery.

> **Note:** MALÅ MIRA Compact batteries can be charged directly in the antenna unit with the provided charger. It also charges your laptop when connected via USB-C.

Start measurements

1. Install the latest version of the MIRA Controller software from www.guidelinegeo.com
2. Start MIRA Controller; it automatically connects to the MIRA Compact.
3. For external GNSS or Total Station devices, connect via Bluetooth or cable to your computer.
4. Follow MIRA Controller guidance for desired survey settings.
5. Set positioning method and measurement direction.
6. Start the measurement.
7. After completing the survey, export data to MALÅ Vision Desktop for efficient data processing, interpretation, and reporting.

Additional guidance: Customize the MIRA Controller window layout during measurements, swap between single profiles, apply filters for visualization during data collection, and navigate measured swaths seamlessly.

Additional guidance: Before measurements, it is possible to import kml/kmz, shp and dxf-files to define investigation area.

User guide

Detailed instructions are available in the *MALÅ MIRA Compact User guide, MALÅ MIRA Controller User guide* and *MALÅ Vision Desktop User guide*. Download them at www.guidelinegeo.com