

Quick Guide

MALÅ GeoDrone 80

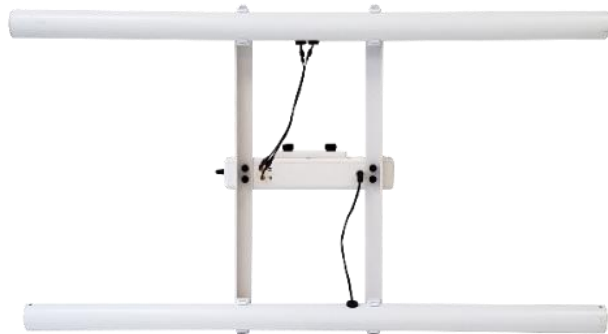
Assembly and Connections

- 1) Make sure batteries are fully charged. One battery at time can be changed even if the unit is on.



The batteries are found under the hatch

- 2) Assemble and connect the two antenna tubes to the main unit.



The two antenna tubes assembled and connected to the radar unit.

- 3) For better reception, use the GPS antenna extension cable (included).



Connections for external GPS antenna and data cable together with Power On/Off on the main unit

- 4) Attach the MALÅ GeoDrone 80 to the drone. Make sure this is firmly made, so you do not drop the GeoDrone 80 during flight.


Note: Land the drone smooth and carefully so you do not harm the equipment.


- 5) Ready to power up the MALÅ GeoDrone 80 and the Controller!



Start measurement

The GeoDrone 80 communicates with the GX Controller using WiFi.

The  icon indicates the WiFi-connection status to the antenna.

If the controller has been used with a different antenna, go to System- and WiFi settings  to pair the GeoDrone 80 with the GX Controller (WiFi Initiation via Wire).



Controller main menu. Chose the option GeoDrone Project.

6) The main screen for GeoDrone measurements, have three filters to enhance the radargram



Background removal



Contrast



Time gain



7) The default measurements settings are good for most applications, but if necessary, adjust settings in the Settings menu.



8) Start New Profile



9) Ready for take off!



Note: In case the connection between the MALÅ GeoDrone 80 antenna and the GX Controller is lost during measurements, the collected data will be stored in the internal memory of the GeoDrone 80 and retransmitted to the GX Controller once the connection is re-established.