

## Quick Guide

# MALÅ Rough Terrain Cart (RTC) Mini

### Assembly

The RTC Mini is delivered with mounted wheels. You only need to mount the brake and handle and connect the measuring wheel before use.

#### Mount the handle

For safe transportation, the handle is attached to the RTC Mini frame. Cut the strips and mount the handle on the frame with the swell latch locks.

The swell latch locks work with rubber, expanding when locked. These parts are good to keep clean and dry for best performance.

#### Mount the brake

Parts for the brake is delivered in a separate plastic bag. In the bag you find the needed screws as well as a tool and mounting instructions.

**Note:** The two screws on the brake itself can be loosened if the height of the brake needs to be adjusted.

#### Place the antenna

Place the antenna (EL Core, GX450 or GX750) in the RTC Mini. There is no need to remove the antenna skid plate.

**Note:** If you are using an EL Core antenna, please attach the wheel axle sealing plugs, to prevent ingress of dirt, provided with the EL Core.

If you are using a GX750 antenna, use the provided Velcro to secure it on the RTC Mini skid plate.



*Make sure the handle is placed in the correct direction. The swell latch locks should be turned downwards for locking.*



The height of the antenna is easily adjusted with the four adjustable buckles.



### Measurement wheel

The rear left wheel contains an internal encoder for precise distance measurements. This measurement wheel is connected to the EL Core antenna with the cable on the RTC Mini. Connect this cable to the connector on the EL Core marked "Wheel".

If you are using a GX Antenna, a small adapter is needed for connection.

If you remove the wheels, e.g., for transportation purposes, make sure the correct wheel is used as your pulse encoder wheel during reassembly (rear left wheel) and make sure the O-ring for the measurement wheel is correctly mounted.

The wheels are of non-inflatable type.



*Connect the encoder cable to the EL Core antenna. If you are using a GX antenna, also use the provided adapter.*



*Make sure the O-ring is correctly mounted on the encoder wheel.*

When the measurement wheel cable is not in use, place the connector in the storage space, on the brake. Now the connector is protected and out of the way when inserting or removing antennas in the RTC Mini.



**Note:** The RTC Mini is delivered with two extra encoder O-rings. These can be found in the plastic bag, containing Velcro.

### Tablet or GX Controller

Mount the Tablet to the RAM Mount on the handle. The holder is easily adjustable in any direction. Use the wingnut underneath the plate for adjustments.

If using a GX Controller this needs to be mounted on a controller holder.



### External GNSS antenna

The RTC Mini GPS mount is an accessory for easy and secure mounting of an external GNSS antenna. It contains a mounting plate with quick release, an 80 cm carbon pole as well as support arms.

Assembly instructions are provided with the GPS mount.

**Note:** The wingnuts on the support arms are spring-loaded so do not loosen these completely.



**And now you are ready to go!**