

HOW TO GUIDE: Installing unlock codes

This document describes the installation of unlock codes on the mojoRTK console and mojoRTK base. Unlock codes are used to enable increased functionality in the console and base. The intended audience of this document is a Leica-approved Value Added Reseller.

Description

The mojoRTK system provides a default set of functions and capabilities. The functions and capabilities of the system can be increased by installing unlock codes.

Benefits

Unlock codes allow the functionality and performance of the mojoRTK system to be increased.

Features

There are several features available to be unlocked on both the mojoRTK console and base.

Available base features:

- Enabling standard CMR and RTCM3.0 correction data output
- Enabling a fixed position input to the base

Available console features:

- Enable the console to be used with third party bases
- Enable 8 mile range
- Enable 16 mile range
- Enable the use of GLONASS satellites
- Enable external control of the console
- Enable accurate height
- Enable accurate NMEA output

Limitations

Unlock codes are linked to the serial number of the device for which they are issued. An unlock code will not work on any other devices.

Required Items

- One or more unlock codes



Configuration

Installing the unlock codes manually on the mojoRTK base

1. Start the mojoRTK base
2. Use the arrows to select Service and press OK
3. Use the arrows to select Add Features and press OK
4. Enter the 16 digit code by using the up and down buttons to select the value for each digit and pressing OK or Escape to move forwards or backwards between digits
5. Once all 16 characters are entered and checked press OK
6. After the code has been accepted the Base will restart

Installing the unlock codes manually on the mojoRTK console

1. Start the mojoRTK console
2. Press the OK button to enter the Menu
3. Using the Main Dial, select Settings -> Extended Features -> Enter New Code
4. Enter the 16 digit code by using the Main Dial to select the value for a digit and pressing OK or Escape to move backwards and forwards between digits
5. Once all 16 characters are entered and checked press OK
6. After the code has been accepted the Console will restart

Installing unlock codes using Virtual Wrench on the mojoRTK Console

1. Start the mojoRTK console
2. Press softkey 3 twice to bring up the Virtual Wrench connection screen
3. Select Yes using the Main Dial and press the OK button to connect to Virtual Wrench
4. Once connected the new unlock codes will be automatically downloaded and installed
5. A message will then appear stating which unlock codes have been installed, press OK and the console will restart

Glossary

Base	Source of the correction signals for the RTK solution. Also referred to as: Base station, reference station, network reference station
Console	The mobile GNSS receiver, in Leica Agriculture sense this is a mojoRTK