

Using an AS7500 with a Leica mojoMINI Installation Guide

Version 1.0.0
English

- when it has to be **right**



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1. Introduction

General information

This document describes how to install the AS7500 multi-section controller with the Leica mojoMINI.

Required items

- Leica mojoMINI kit
- SmartAg power, serial, emulated radar cable, (Art. No. 777974)
- AS7500 kit (Art. No. 774226)



When installing the Leica mojoMINI replace the supplied **SmartAg power cable** with the **SmartAg power, serial, emulated radar cable** (Art. No. 777974).

Further Information

This HOW TO GUIDE should be read in conjunction with:

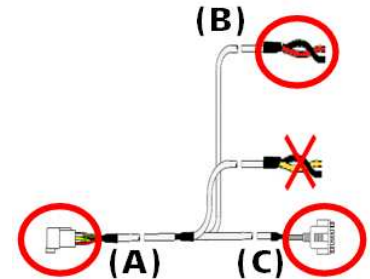
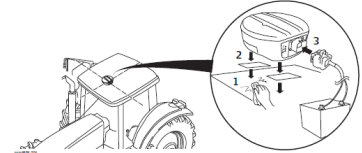
- Leica mojoMINI User Manual
 - AS7500 User Manual
-

2.

Leica mojoMINI Installation



Install Leica mojoMINI kit

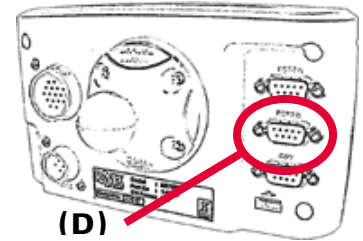
1. Install Leica mojoMINI/SmartAg receiver as per Leica mojoMINI user manual.
2. Connect Power cable to the back of SmartAg GPS receiver using the SmartAg power, serial, emulated radar cable **(A)** and connect to power source **(B)** as per instruction guide.



3. AS7500 Installation

AS7500 SmartAg serial plug connection step-by-step

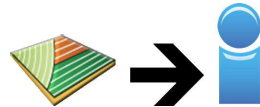
1. Connect the serial plug (C) from the SmartAg power, serial, emulated radar cable to Port B (D) on the rear of the AS7500.
2. SmartAg GPS receiver LED shows   when power is connected.



4. Configuring SmartAg serial output

Serial output step-by-step

Power on Leica mojoMINI



The Leica mojoMINI will start the NMEA GPS output from the SmartAg

5. Configuring GPS Source






AS7500 GPS Source step-by-step

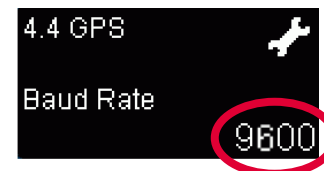
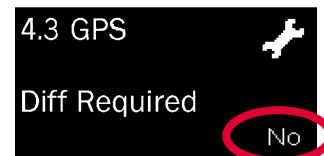


1. Power on AS7500

After approximately 15 seconds the display panel will appear.



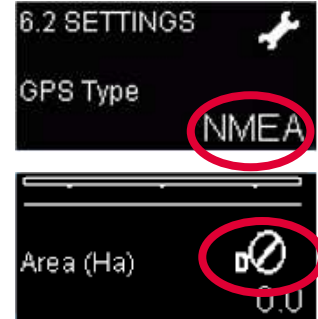
2. Press  to enter setup mode.
3. Press   and   to change the following settings:
 - 4.3 GPS
Diff Required – No
 - 4.4 GPS
Select Baud Rate – 9600



- 6.2 SETTINGS
Select GPS Type – NMEA

**Check for GPS
reception**

4. The AS7500 operational screen will display



6.

Troubleshooting NMEA connection

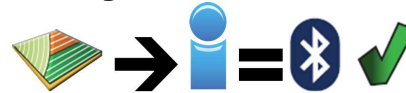
Troubleshooting

AS7500 shows "NO DATA"

- Check serial connection from SmartAg to AS7500 Port B
 - Check connection of the Leica mojoMINI to the SmartAg
-

AS7500 shows "NO NMEA"

- Check connection of the Leica mojoMINI to the SmartAg



- Check connection of the Leica mojoMINI to the SmartAg.
 - Check AS7500 GPS Baud Rate = 9600
 - Check AS7500 GPS Type = NMEA
 - Download latest GPS settings file from www.MYmojoMINI.com and update GPS configuration
-

AS7500 shows "NO POS" or "NO TIME"

- The Leica mojoMINI, SmartAg & AS7500 are correctly configured and the SmartAg is trying to obtain a GPS Position. Check SmartAg has a clear view of the sky.
- Wait for 30 minutes for SmartAg to obtain position

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