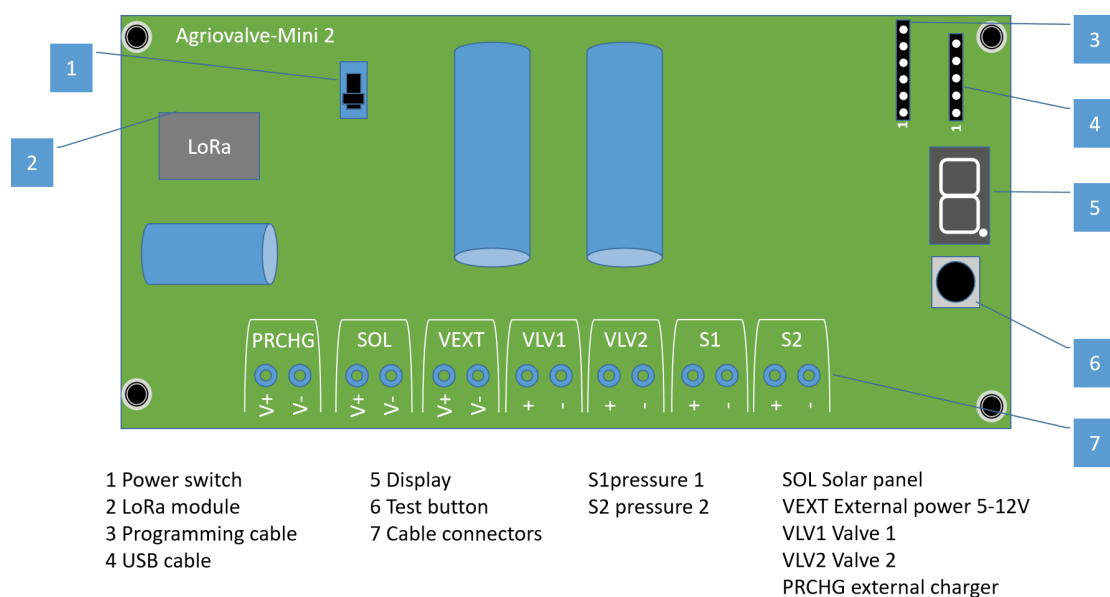


## AgrioValve Mini Manual

AgrioValve Mini is a compact wireless Valve Controller designed for outdoor agricultural irrigation systems. It operates on an integrated solar panel and does not require a battery or external power supply. The controller communicates wirelessly with the Agriocom irrigation platform and is intended for permanent field installation in demanding environmental conditions. This manual describes installation, wiring, and basic operation of the device.

### AgrioValve MINI



# Technical parameters

<b>Model</b>	<b>ACSV12</b>
<b>Valves</b>	
<b>Number of valves</b>	2
<b>Type of valves</b>	Latching valve 9 ~ 18V DC
<b>Communication</b>	
<b>Communication standard</b>	LoRa EU433 MHz / CN470 MHz / US915
<b>Communication interval</b>	10 - 30 min **
<b>Reaction time</b>	< 20 sec. typical
<b>Communication distance</b>	5 ~ 10 km *
<b>Power supply options</b>	
<b>Power supply</b>	Solar panel / no battery
<b>Environmental</b>	
<b>Operating temperature range</b>	-30°C to +45°C / -31 °F to 113 °F
<b>Protection class</b>	IP-65

\* Communication distance depends on the environment and may be shorter than declared.

\*\* Unsolicited data upload

## Installation.

1. Fix AgrioValve on a pole and orient so that the solar panel is faced south
2. Connect one or 2 valves

AgrioValve	Valve
Valve 1 + (red)	Valve 1 + (red)
Valve 1 - (black)	Valve 1 - (black)
Valve 2 + (red)	Valve 2 + (red)
Valve 2 - (black)	Valve 2 - (black)

3. Check that AgrioValve is online and follow the cloud application to add it to an irrigation plot. Refer to <https://commander.agriocom.com/> for more info or reach to [support@agriocom.com](mailto:support@agriocom.com) for more information

AgrioValve does not require any maintenance

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