



NEW

LR-AG

9V LoRa™ Irrigation Controller For Agricultural Use

The LR-AG is a battery-powered LoRa™ irrigation controller capable of independently programming up to 6 valves. It therefore allows the pump to be used at its maximum flow rate. Its advanced programming offers a wide range of options for crop irrigation (time-based, volumetric or millimetric programming for watering cycles of 1 to 31 days). Using the MySOLEM platform, you can program an unlimited number of valves in just a few minutes. Its battery life has been increased and it is quick and easy to install thanks to its close-range connection.

Compatibility



Stations

1/2/4/6

Sensor Input (1)



Power



Connection



Range

800* m

Managed via



*Up to 800 m range. Coverage may vary depending on installation setup.

INSTALLATION

Rain sensor or water meter with pulse sensor (max.499Hz) or pressure switch connection
9V pulse solenoid connection
Max. distance LR-AG to solenoid: 30
Operating temperature: from 0°C to 50°C

OPERATION

100% waterproof (rated IP68)
9V 6AM6 or 6LR61 alkaline battery
Bluetooth® Smart 4.0 Low Energy
Communication using LoRa™ radio signal
Communication using NFC
Permanent programming save
Internal clock back-up in case of power failure < 30s

DIMENSIONS

Width: 14 cm
Height: 9 cm
Depth: 5.5 cm

3-year WARRANTY



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Cycle / Soak

Optimise the quality of your irrigation by adapting it to the needs of your soil: incorporate breaks to allow the water to infiltrate the soil properly and thus save water.



Versatile Programming

Programming by time slot, volume or millimetre, and sequential, parallel and looping mode programming via the MySOLEM platform.



Independant Station Scheduling

Control 1 to 6 stations in sequential or parallel mode, taking into account the flow rate of your installation. Thanks to the CLUSTER feature, optimise your water source by programming the valves according to the pump flow rate.



Water Consumption Monitoring

Thanks to the addition of a water meter on the sensor input and volume programming, stay in control of your consumption.



Up to a 5-Year Battery Life

Enable Eco Mode during winter and throughout the watering season to maximize 9V battery life.



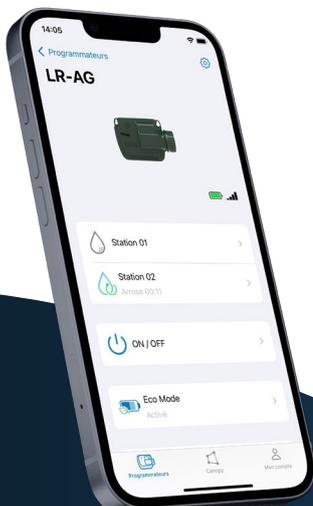
Main Valve Control

Automatically program your master valve or pump.

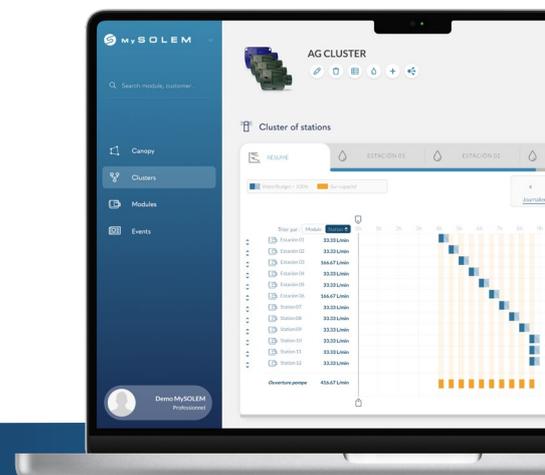


Fertigation Management

Dedicate a station to manage fertiliser addition: control volumes by applying just the right amount.



Install. Program. Automate.



For professionals, discover additional features on our free [MySOLEM.com](https://www.mysolem.com) platform.