



THE CONNECTED IRRIGATION EXPERT



BL-IS

AC POWERED IRRIGATION CONTROLLER

Stations 2/4/6/9/12



QUICK
INSTALLATION
GUIDE

INTRODUCTION

The **BL-IS** is a Bluetooth® and AC powered irrigation controller. It's the perfect solution for indoor installations like in a technical room or any indoor places. Controlled remotely from a smartphone and/or a tablet with the application **MySOLEM** via its web or mobile version.

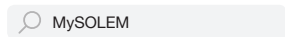
Step 1

APP DOWNLOAD

1. On your smartphone or tablet, go to the «**App Store**» or to the «**Play Store**» app.



2. Search for «**MySOLEM**» in the search bar.



3. Once found, download the **MySOLEM** app.

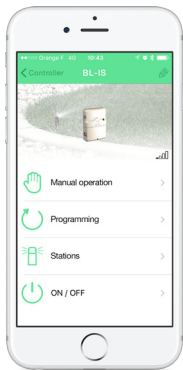


4. Once installed, activate the Bluetooth® of your smartphone or tablet.

Step 2

PAIRING

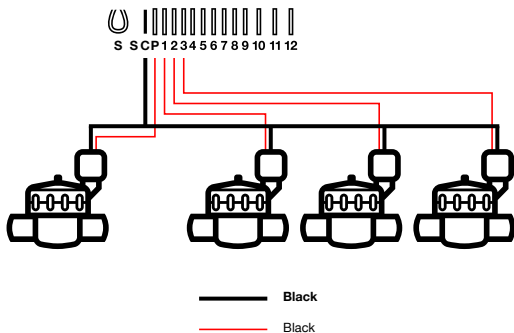
1. Remove the lower hatch to let appear the terminals.
2. Connect the **220/24 Vac** power supply and replace the hatch.
3. Launch the **MySOLEM** app.
4. Tap on the «**Add a module**» button or on the «**+**» button.
5. Choose the **BL-IS** from the list of nearby controllers.
6. To finish the pairing of your **BL-IS**, follow the next steps described in the app.



Step 3

WIRING

1. Connect the **BL-IS** to the solenoids as described below. Use **24V** valves only.



2. (Option) If you want to install a rain sensor, remove the **yellow wire** of the **BL-IS** and connect the sensor to the terminals **S**.

PROGRAMMING

If you need more information about the **BL-IS** and **MySOLEM** app, please visit our website www.solem.fr and check our supplementary documentation.

USEFUL INFORMATION

What are the features required for the Bluetooth® product to work?

Smartphone or tablet running Android 4.3 or greater with Bluetooth Smart 4.0 or greater. Apple iPhone or iPad running iOS 9.0 or greater with Bluetooth Smart 4.0 or greater.

Why my station does not start? on each station, you must be put a duration and assigned it to a program (**A** or **B** or **C**). If several stations are assigned to the same program, they will start one after the other.

Why my Program B does not start? If the start time of the **Program A** is the same time than the **Program B**, the two programs will be executed one after the other in the order **A** and then **B**.

What is the output P? You can connect on the **P** output a master valve or a pump. The output will automatically start 2s before each station and during the watering of each stations.

What are the S outputs (Yellow Wires) of the programmer? You can connect a Rain Sensor on the **S** outputs by cut the Yellow wire.

How does the rain sensor work? The rain sensor when it is connected instead of the yellow wire (see wiring step for each model) affects all the 3 programs. If it rains and the rainsensor is active, programs **A** or **B** or **C** will not start. It is necessary to wait until the probe has dried to see the programs restart. The manual control «**All stations**» does not take into account the condition of the rain sensor.

What is the Water Budget? The Water Budget adds a % of time to the duration of each station. It is typically used when changing seasons (for example summer to autumn, or spring to summer).

Ex: If you entered **Station 1** = 1h on **Program A** and **Station 2** = 0h30 on **Program A**, then enter a Water Budget 120 % for **Program A**. When the **Program A** starts, the stations **1** and **2** will be increased by 20%, (ex 1h12 for **Station 1** and 0h36 for **Station 2**).

How can I restart the initialization procedure (for example : change the router access point) ? To reset a device or restart an initialization procedure, simply unplug and reconnect the power supply.

If my device does not have no power, do I lose programs?
Programs are never lost, they are saved in a memory.

I would like to resume the programming from the beginning, how to do? If you want to resume programming, go to the application, enter the product and then open the  **Parameters** and select «**Clear programs and durations**».

INFORMATION ON THE STATUS OF THE LED

Green LED: normal operation

Blinking green LED: One channel is in progress (the flashing number corresponds to the station number activated).

Green LED and Red Flashing: One channel is in progress and the rain sensor is activated or a station is in progress and the product is in permanent OFF or several days.

LED Red Fixed: the product is in initialization mode

LED Red Flashing 2 times: The programmer has lost time, reconnect to re-synchronize.

LED Red Flashing 4 times: One of the stations has a short circuit or is overconsumption. The other reason is that you probably have powered down 2 times in a short time while a station is still in progress.

LED Red Flashing 5 times: You have exceeded the time required to initialize the timer. Repeat the initialization procedure.

LED Off: The product is not powered.