SOLEM

THE CONNECTED IRRIGATION EXPERT

WooBee

Bluetooth®

Quick Installation Guide

EN

OVERVIEW

WooBee is an IP68 rated waterproof irrigation controller equipped with a display and operating on one 9V battery or four 1.5V AAA batteries. It is programmable by a Bluetooth connection from a smartphone/tablet or by its keyboard. It can control 1 to 6 9V latching solenoids and has a Rain sensor / Water meter input.

❶ WooBee INSTALLATION

Unscrew the battery cap, connect the 9V battery or the 4 x 1V5 AAA battery pack.
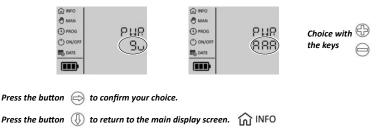

Starting display

INIT

CONFIGURATION OF THE BATTERY TYPE

From the «Set time» menu, you can select the type of battery used:
«9v» for a 9V battery
«AAA» for 1.5V AAA batteries

for that :

Press 4 times ⬇ to enter the setting mode / day / date / battery type

Press 7 times ➡ to reach the choice of battery type

Choice with the keys ⊕ ⊖

Press the button ➡ *to confirm your choice.*

Press the button ⬇ *to return to the main display screen.* 🏠 INFO

FIXATION

The WooBee can be installed directly on the solenoid of the solenoid valve with its removable support on the back.

It can also be fixed on a vertical wall with its 2 fixing holes on the back.

❷ WooBee OPERATION WITH BLUETOOTH

On your smartphone or tablet, go to «**App Store**» ou «**Google Play**».

Download the l'application **MySOLEM.**

ASSOCIATION

1. Launch the application MySOLEM on your smartphone or tablet.

2. Tap on the «Add module» button or the «+» button.

3. Choose WooBee from the list of nearby controllers.

Follow the next steps described in the application.

Notes :

- Set a name and security key for your controller and press the button «Validate».
- To identify your WooBee among the controllers available nearby, refer to the «Default name» on the label fixed to the back of the product.
- To benefit from all the features of WooBee it is recommended to create an account MySOLEM.

PROGRAMMATION

Select the previously associated WooBee. The programming is intuitive, go into the various menus.
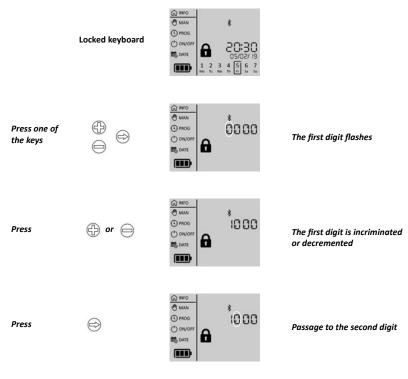
SECURITY KEY

The security key protects your controller.

a/ Set key.

You can set it during the «ASSOCIATION» process or through the product information via the icon ⌀ at the top right of your screen. The key locks the keypad 1 minute after the WooBee goes to sleep.

b/ Unlocking keypad
The manual unlocking of the WooBee keyboard is done from the keys: ⊕ ⊖ ⊜

Locked keyboard

Press one of the keys ⊕ ⊖ ⊜

The first digit flashes

Press ⊕ *or* ⊖

The first digit is incriminated or decremented

Press ⊜

Passage to the second digit

Repeat the last 2 operations until the 4th digit.
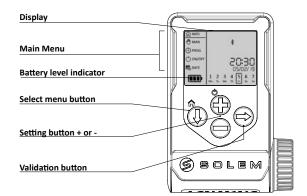
Unlocked keypad

c/ Disable the key
To disable the key, go to Product Information, via the icon ✎ at the top right of your screen. Delete the key.

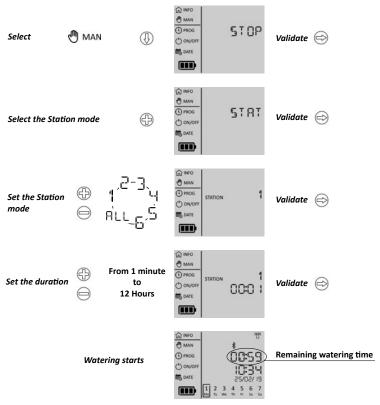## ❸ WooBee OPERATION WITHOUT BLUETOOH

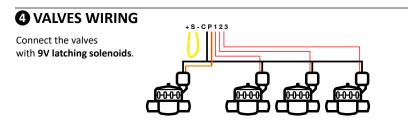With to its large display and keyboard WooBee can be programmed without Bluetooth.

Display

Main Menu

Battery level indicator

Select menu button

Setting button + or -

Validation button

Main Menu

Program in progress

Station in operation

Remaining watering time

Date & Time

INFO

MAN

Run or stop manual command:
- Allows to manually turn on a station or a program A,B,C…
- Allows to manually shutdown the watering in progress.

PROG

Set the irrigation program :
Allows to set the custom programs that will be started automatically.

ON/OFF

ON/OFF Command :
Disable all current or future programs.

DATE

Set date & time :
Allows to set the date and time of the current day in 12 or 24 hour format.

Example of manuel command

Select	🖐 MAN	⬇	STOP	*Validate* ⟹
Select the Station mode	⊕		STAT	*Validate* ⟹
Set the Station mode	⊕ ⊖	1 2-3 4 ALL 6 5	STATION 1	*Validate* ⟹
Set the duration	⊕ ⊖	**From 1 minute to 12 Hours**	STATION 1 00:01	*Validate* ⟹
Watering starts			00:59 10:34 25/02/19	**Remaining watering time**

Find the details of the configuration in the installation guide at http://www.solem.fr or on the MySOLEM application.

❹ VALVES WIRING

Connect the valves with **9V latching solenoids**.
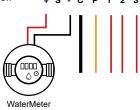
❺ SENSOR WIRING

+ S - C P 1 2 3

WooBee has a sensor input + S - to connect a rain sensor 🌧 or a water meter pre-equipped with a pulse sensor, only configurable with the mobile application MySOLEM. *By default, the sensor input is configured for the rain sensor. To change the sensor, with the application, delete the active sensor.* **+ S - C P 1 2 3**

WATER METER

If your pulse sensor is polarized, then observe the polarity when wiring :

Red wire -> +   Black wire - > ‒

WaterMeter

❻ TECHNICAL SPECIFICATION

SPECIFICATIONS :
100% waterproof (IP68 rated)
Rain sensor or Water meter connection
Master valve connection
9V latching solenoid compatible
Maximum wiring length with solenoids: 30 m
Operating temperature: -10°C to 50°C
2 years warranty

POWER SUPPLY :
9V 6AM6 or 6LR61 alkaline battery
or 4 x 1.5V AAA alkaline batteries

OPERATION :
Bluetooth® Smart 4.0 Low Energy
Frequency band used and maximum emitted power: [2400-2483.5]Mhz, 1mW
Permanent backup of the programs
Backup of the internal clock in case of power failure < 30 seconds

DIMENSIONS :
Widht : 10.5 cm (3.94 inch)
Length : 15 cm (5.90 inch)
Thickness : 5 cm (1.97 inch)

This symbol indicates that the product uses a Bluetooth® technology

The symbol «CE» indicates that this device complies with the European standards on safety, health, and environment and user protection. Devices with the symbol «CE» are intended for sale in Europe.

This symbol indicates that these types of electrical and electronic equipment must be disposed of separately in European countries. Do not dispose of this device with your household waste. Please use the collection and recycling points available in your country when you no longer need this device.

This symbol indicates that the product is shock resistant

This symbol indicates that the product is resistant to ultra violet

This symbol indicates that the product is waterproof