

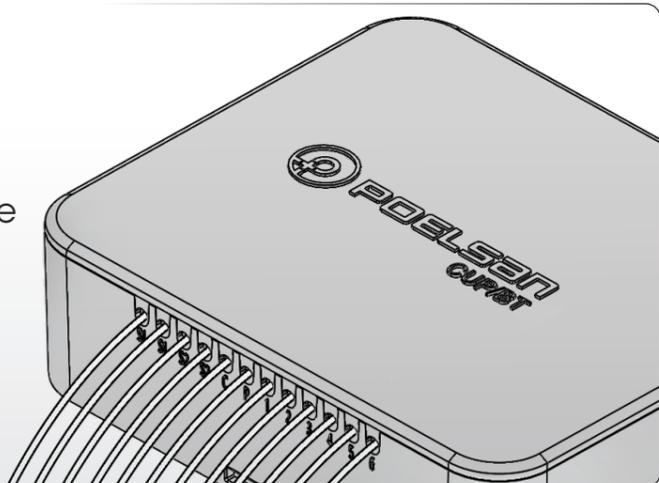
CUP/BT

Battery-operated Controller Quick Installation Guide

Battery operated controller managed by Poelsan CUP mobile application



POELSANARÇ
For setup tips, other language options and more



Getting Started with Installation

- + If you are replacing your old controller, take notes or photos of your existing cable connections. This way, you can connect your cables in the same order.
- + To download the Poelsan CUP Mobile Application, scan the relevant QR from the "Mobile Application" section in the manual.
- + To use the mobile application, make sure your phone's Bluetooth feature is turned on.

Mobile Application

Download the Poelsan CUP mobile app for free from the App Store or Play Store on your smartphone or tablet.

Log in to the POELSAN CUP application on your smartphone or tablet. Complete your membership by selecting the "Become a Member" option on the login screen. If you wish, you can perform a check that does not have the maximum features by selecting the "Continue Without Becoming a Member" option.

Tap the "Add Device" button. Scan for nearby controllers. Click on the controller that matches the SN on the box label from the listed devices in the scan result and add the controller.

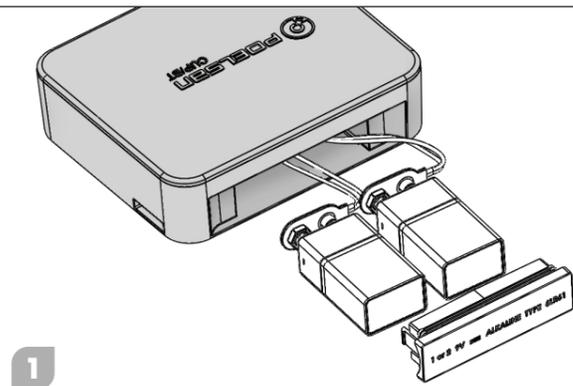
To perform the Device Reset, tap the "Reset Device" button on the device settings page in the mobile application

To benefit from all the features of the Poelsan CUP/BT controller, it is recommended to create a Poelsan CUP account.



Download the Poelsan CUP mobile app for free!

Bluetooth

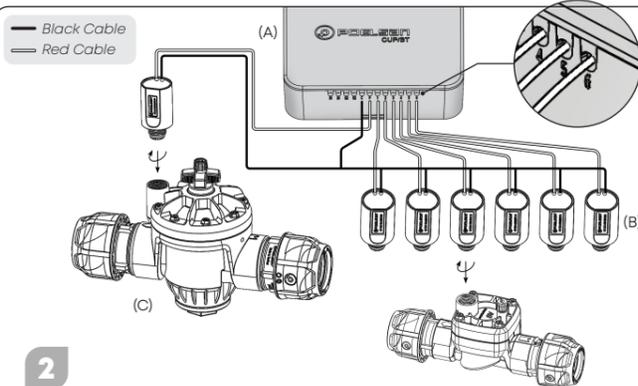


1 Battery Connection

- + Pull the battery compartment cover in the direction of the arrow and open the battery compartment.
- + Insert one or two 9-volt alkaline batteries into the battery connectors. For battery placement, place them horizontally and vertically as shown in the image, taking the opposite direction of the connector cables as a reference.
- + Close the battery compartment by replacing the cover.

Replace 9V battery once a year. Check cable connections.

If the battery runs out or is removed, your program information is preserved with the permanent program memory feature.

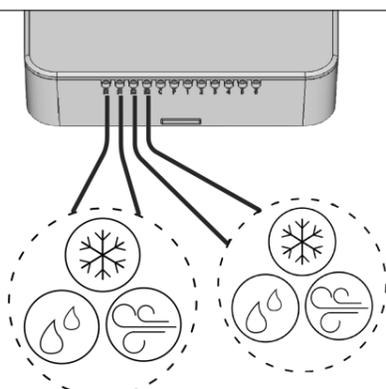


2 Solenoid Connections

- + Connect the black wire leads from each solenoid (B) to the single common black wire lead from the controller (A).
- + Connect the single red wire lead from each solenoid to the red wire lead of the corresponding station coming out of the controller (A). The station numbers are identified under the red wires of the controller.
- + Make sure all cable connections are waterproof.

The orange cable on the controller is for the Main Valve / Pump (C). The Main Valve / Pump (C) is used to control solenoid valves from a single center, to open and close them. Its use is optional.

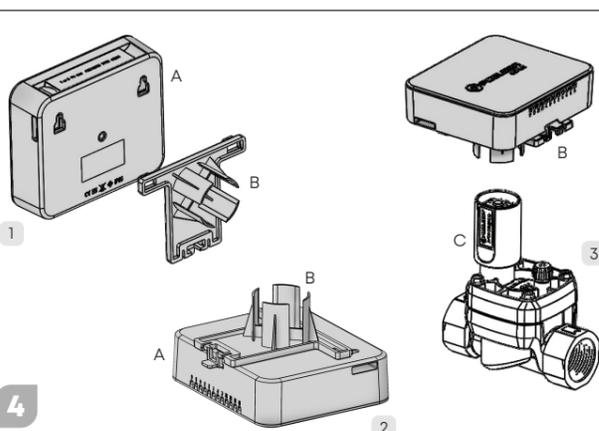
Maximum wire length between controller and solenoid: 100 feet (30 m) with 16 AWG (1.5 mm²) wire size.



3 Sensor Connections

- + Connect one of the yellow wires from the Poelsan CUP/BT S1 or S2 output to one wire end on your sensor, and the other to the remaining wire end.
- + To actively use your sensor, activate the sensor from the additional features page on the mobile application.
- + Make sure all cable connections are waterproof.

Poelsan CUP/BT S1 and S2 outputs are designed to support three different sensors. (Wind, Rain, Frost)



4 Installation

- + Align the mounting bracket (B) provided in the box to the bottom of the device (A). 1
- + Firmly insert the bracket (B) into the device (A) until it clicks into place. 2
- + Align the mounting bracket (B) onto the solenoid valve (C) and press it in place. 3
- + Make sure the bracket is fully seated on the valve and is secure. Check the cable connections.

CUP/BT complies with the IP68 Standard. It is water and dust resistant.

Troubleshooting Steps

? The controller does not appear in the scan list or the connection is lost.

- + Make sure that the store version of your mobile application is up to date.
- + Turn off Bluetooth, wait for a while (5-10 seconds) and turn it back on. After making sure that Bluetooth is turned on, log in to the Poelsan CUP application.
- + Make sure that you have allowed location information from the Poelsan CUP mobile application access permissions.
- + Make sure that you are within Bluetooth range (up to 15 m).
- + Scan the controller from the add control unit section in the mobile application and add the device to your list.
- + If the problem persists, check the batteries.

? The Controller is visible but cannot connect or stay connected.

Reasons
Low battery.
Incompatible phone and mobile app

- + Remove and replace the controller batteries or replace the batteries.
- + Restart your phone.
- + Uninstall and reinstall the Poelsan CUP app.
- + Reset your phone's network settings.

? The Mobile App shows that the system is working, but no irrigation is taking place.

Reasons
The irrigation system does not have sufficient water pressure
Malfunction or incompatibility of solenoids
Connecting to wrong device with mobile app

- + Turn on the main system water supply.
- + Check solenoids for operation and compatibility (DC solenoid must be used) and replace if necessary.
- + Reconnect the controller.

? Automatic irrigation does not start at start time.

Reasons
Controller is off
Watering days entered incorrectly
Irrigation delays due to sensors

- + Verify your controller's irrigation schedules and watering days.
 - + Deactivate sensors.
- Most irrigation valves are designed to open/close within 5 to 10 seconds.

? Wind, Rain, Freeze sensors do not suspend irrigation.

Reasons
The sensor used is faulty
The sensor used is passive
The sensor connections are incorrect
Damaged wiring

- + Check that the sensors are working and that the cable connections are correct.
- + Activate the sensors via the mobile application.

? Manual watering is set for all zones, but not all zones are watered.

There may be a malfunction/connection problem in the solenoids in the zones where manual watering is not programmed or watering does not start.

- + Make sure you have programmed the working time for the desired zones and sent it to the device.
- + Check the faults and connection status of the solenoids in non-irrigated areas.

? The controller is not watering the set run times for the irrigation zones.

For example, if you are noticing that you are only watering for 5 minutes when you set the time for 10 minutes per station, this may be related to seasonal settings.

- + Check the seasonal settings on the controller. If the run time is 10 minutes and the seasonal setting is set to -50%, only 5 minutes of watering will be done per station.

? The controller is still watering even though it is turned off.

If your controller is turned off and still watering, there may be a problem with one or more valves.

- + Clean or replace the valve in question. If the problem still persists, you can contact your Poelsan dealer.

Technical Specifications

Number of Stations	1,2,4 and 6 Station Models
Power Supply	One or Two 9V Alkaline Batteries*
Sensor Inputs	2 (Wind, Rain, Frost)
Approvals	IP68, CE, RoHS
Warranty Period	2 Years
Connection	5.2 (BLE)
Operating Temperature	-10°C to 60°C
Dimensions (mm)	115 x 99 x 32,5

*9V DC-Latching solenoids are operated.

Warning: Changes or modifications not expressly approved by Poelsan may cause harmful interference to controller communications.

Warranty Conditions

CUP/BT is under warranty for 2 (two) years from the date of purchase invoice. In case of any problem, you can contact the Poelsan dealer from whom you purchased the device. In order to benefit from warranty services, the invoice document must be presented.

Damages and malfunctions that may occur due to incorrect installation, physical damage, improper battery use, etc. are not included in the warranty.

Manufacturer Information

Poelsan Plastik San. ve Tic.A.Ş.
Şabanoğlu OSB Mahallesi, Ulubatlı Caddesi No:6
Tekkeköy, Samsun / TÜRKİYE
+90 362 266 75 24