SAMCLA INFINITE BLE APP

BLUETOOTH APPLICATION

QUICK GUIDE

Preliminary

DEFINITION

- ➤ Infinite BLE is the Smartphone or Tablet application intended to manage Samcla devices in standalone Bluetooth operating architecture.
- ➤ Not all Samcla Infinite devices are available to be used under this operating architecture. Only those fitted with a Bluetooth connection are.
- ➤ Some additional features regarding users management can be manage from the Samcla Smart Platform web application (https://ssp.samcla.com). Refer to the Samcla Smart Platform WAPP quick guide for further information.
- ➤ Please download the Samcla Infinite BLE APP into your Smartphone or Tablet in order to proceed and log in.

CLIENT ACCOUNT

- ➤ A client account or a user access is required to run the Samcla Infinite BLE APP.
- ➤ Please, start Samcla Infinite BLE APP and sign up if you don't have either a client account or a user access.
- ➤ Any device installed into a client account belongs to this client account and it could not be installed into another one unless it is removed first.
- ➤ An admin user access is automatically created when creating a client account.
- ➤ Smartphone Internet connection is required for these actions.

EXTERNAL USERS

- ➤ From my client account, I can invite users from other client accounts in order they could manage my devices. They are called external users.
- ➤ In the same way, I could be invited to other client accounts as an external user, so I could manage devices which belong to other client accounts.
- ➤ Smartphone Internet connection is required to manage external users.

MY DEVICES

- ➤ List of devices which belong to my client account.
- ➤ Devices removed from this list will also be removed from the Samcla Smart Platform.
- ➤ Smartphone Internet connection is required for this action.

SBP Irrigation Controllers

INSTALLING

- Your irrigation controller must be powered.
- Smartphone Internet connection is required during installing.
- Select "+" option and wait until your irrigation controller is shown in the list, already installed devices will not. Please stay close to the device while installing.
- Choose your irrigation controller from the list and wait until the Bluetooth connection is established.
- The irrigation controller will be shown on the screen and its status led will start blinking for ten times, so you can confirm the proper device has been selected from the list before going further with the installation.
- Type a name or description for the irrigation controller and choose OK.
- The new irrigation controller is shown on the main screen and it is ready to operate.

SETTINGS

- Chose settings at the bottom options bar.
- Bluetooth connection to the device is required to manage device settings.
- You can connect or disconnect Bluetooth connection by clicking on "✳".
- Select the irrigation operating mode:
  - *Standard*: Up to 4 irrigation programs, weekly or interval calendar, with one or more start times and a watering duration per station.
  - *Cyclic*: One program, weekly or interval calendar, which is run as many time as it fits a customized watering window.
  - *On-demand*: One program intended to be run only by the request of the local sensor within a customized enabling window.
- Run/Stop/Pause
  - *Run*: Irrigation programs run normally according programs and settings.
  - *Stop*: Irrigation programs remain stopped indefinitely.
  - *Pause*: Irrigation programs will remain stopped until a specific date.
- Local cut-off/activation sensor
  - Intended for dry contact sensors.
  - Enable the input sensor and select the correct operating mode: normally open or normally close. Refer to your sensor data sheet in order to choose the correct settings.
  - In addition, you can manually read input sensor for checking sensor connection.
  - Select the stations which must be affected by the sensor.
- In settings screen, you can also edit the name of the controller, assign a specific location on the map and edit the name of each station.

MANUAL WATERING

- Instant manual watering.
- It is the highest priority program. Sensors are not assisted during manual irrigation.
- Copy an existing program or create your own program by choosing the watering duration and the stations.
- Start watering by clicking "►".
- Watering can be canceled at any time by clicking "■".
- Water budget setting is also available.

RESIDENT / NONRESIDENT PROGRAMS

- An irrigation program can be:
  - *Resident (Green)*: The program is in the APP memory and in the device memory.
  - *Nonresident (Red)*: The program is only in the APP memory.
- A resident program is expected to be run normally according the program and device settings.
- A nonresident program is expected to be never run.

STANDARD WATERING PROGRAM

- Up to 4 standard programs.
- Weekly or interval calendar.
- Up to 6 starts.
- Water budget function: 0% - 200%.
- Min watering duration : 10s, applying Water Budget function.
- Max watering duration: 23h30min.
- Program overlap allowed in order to run several stations at same time.

CYCLIC WATERING PROGRAM

- One cyclic program.
- Program will be run as many times as it fits watering window.
- Customized watering window:
  - Weekly or interval calendar.
  - One start time and one stop time.
  - Cycle watering pause.
- Water budget function: 0% - 200%.

ON-DEMAND WATERING PROGRAM

➢ One program with no start times intended to be run only by the request of the local sensor within a customized enabling window.

➢ Program will be run once per request only.

➢ Customized enabling window:
   o Week days.
   o Time period.

OFFLINE OPERATING

➢ Operating with no Bluetooth connection to the device.

➢ Offline operating is allowed for program edition. Once one or more programs are offline modified, they become unsynchronized until the next Bluetooth connection to the irrigation controller.

➢ Face a synchronization request, users can:
   o *Write*: Update programs from the APP to the irrigation controller.
   o *Read*: Update programs from the irrigation controller to the APP.
   o *Cancel*: Continue unsynchronized. In this case a permanent warning will be shown on the screen.

FAQ'S

How to delete or clear values, devices, settings... ?

Swipe to the left:

Cyclic watering: I've changed controller status from Stop (or Pause) to Run, but watering doesn't start.

Please, confirm the action is done into the watering window. In this case, program is probably running the watering pause. First station will start when watering pause is completed. If you need to start irrigation immediately, please resend the program to the controller once in Run.

On-demand watering: On-demand program is over and not enough to restore sensor input. Could an additional watering be forced?

Yes, if current time is into the enabling window, resend the watering program to the controller in order to restart irrigation, if not, you should modify the enabling window first. Remember also that manual program can be used at any time.

Battery replacement.

Device Info led should blink twice when battery holder is inserted with new batteries (reset). All application data will be lost. Stations will be forced to OFF position, so several "clicks" could be heard few seconds after the reset. Application data will be automatically recovered in the next Bluetooth connection to the Samcla Infinite BLE APP. Please start APP, select the device in the list and wait until connection is done. Now device is ready again.

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