BUZZI
SPRINKLER™

Smart sprinkler controller

Quick Guide
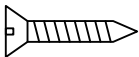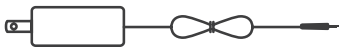
BLACKLOUD®

☁ Package Contents
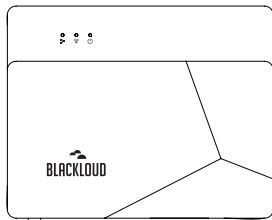
BUZZI Sprinkler

This quick guide

2 x mounting screws

Power adapter & cable

Setting Up BUZZI Sprinkler
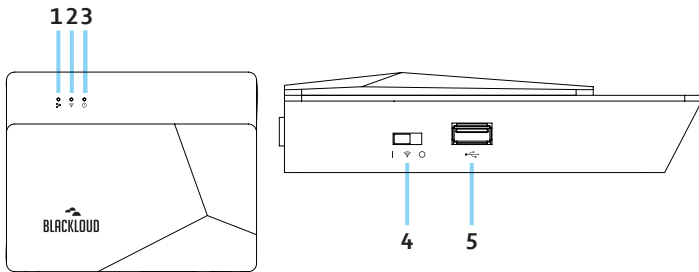
No.	Item	Description
1	Ethernet LED	Displays current Ethernet connection status. See the "LED Indicators" section below.
2	WiFi LED	Displays device and wireless connection status. See the "LED Indicators" section below.
3	Power LED	Displays current power status. See the "LED Indicators" section below.
4	Wireless Switch	Toggles wireless access point (AP), mode between On and Auto. The default mode is On and should not be changed.
5	USB Port	For connecting BUZZI Sprinkler with future products (not for powering BUZZI Sprinkler).

Setting Up BUZZI Sprinkler
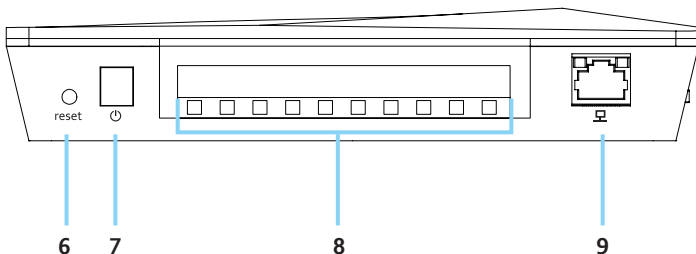
No.	Item	Description
6	Reset Button	Resets BUZZI Sprinkler to default factory settings. Press and hold until device resets (red WiFi LED blinks).
7	DC power in	For supplying power to BUZZI Sprinkler via the supplied power adapter.
8	Zone Wire Connectors	For connecting BUZZI Sprinkler to a total of eight sprinklers.
9	Ethernet port	For connecting BUZZI Sprinkler to an Ethernet network.

Caution: Only use the supplied power adapter; do not use other power adapters with BUZZI Sprinkler.

Setting Up BUZZI Sprinkler

The front of BUZZI Sprinkler features three LED indicators that notify you of the Sprinkler's status when it is powered on.

The following tables describe the various statuses.

⏻	Power LED Status (Blue)
On	BUZZI Sprinkler is on.
Off	BUZZI Sprinkler is off.
Blinking	Firmware upgrade in process or your mobile device is connected to BUZZI Sprinkler via the Internet.

	Ethernet LED Status (Blue)
On	BUZZI Sprinkler is connected to an Ethernet network.
Off	BUZZI Sprinkler is not connected to an Ethernet network.
Blinking	Firmware upgrade in process.

Setting Up BUZZI Sprinkler

| 🛜	WiFi LED Status (Amber/Blue)
Amber LED blinking	BUZZI Sprinkler is resetting or connecting to a WiFi network.
Blue LED blinking	BUZZI Sprinkler is either waiting for connection or connected (check app for current connection status).
Off	BUZZI Sprinkler is off.

Setting Up BUZZI Sprinkler

Hardware Setup

1. Preparing BUZZI Sprinkler for use

a (Optional) Mount BUZZI Sprinkler on a wall, using the screw holes on the bottom of the device. The screw holes are four inches apart.
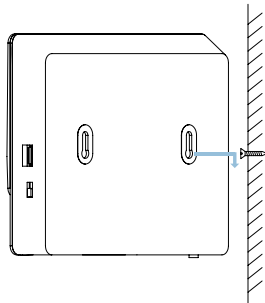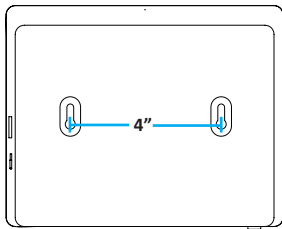
☁ Setting Up BUZZI Sprinkler

b Insert the common wires, and the control wires for up to eight individual sprinklers, to the zone wire connectors at the front of BUZZI Sprinkler. Secure each wire by tightening the screw at the top of its wire connector.
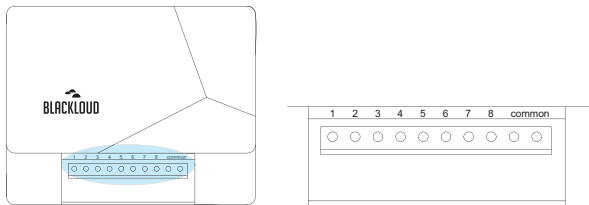
c Connect the common wires, and the control wires for up to eight individual sprinklers, to your sprinkler system, as shown in the following image.

☁ Setting Up BUZZI Sprinkler

2. Powering on BUZZI Sprinkler

Plug BUZZI Sprinkler into a power socket using the supplied power adapter. See the LED status table in the previous section, to understand LED activity.
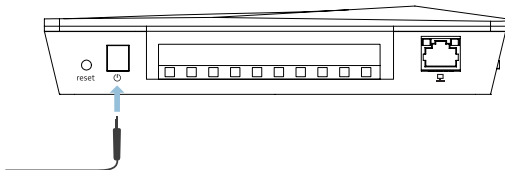
3. Connecting BUZZI Sprinkler to the Internet

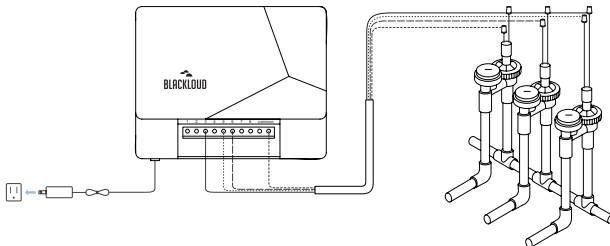**a** **For Wifi connection:** Have an internet-enabled WiFi router available. This router will be the wireless communication bridge between your mobile device and your BUZZI Sprinkler.

Note: Alternatively, you can use your mobile device to create a WiFi hotspot. See "Connecting to BUZZI Sprinkler" later in this guide, for connection instructions.

b **For LAN connection:** Have an internet-enabled Local Area Network (LAN), available. Plug a LAN connected Ethernet cable into the Ethernet port at the rear of your BUZZI Sprinkler.
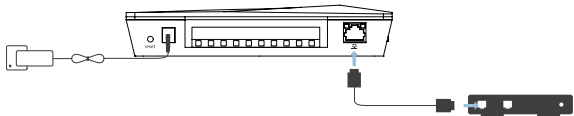
☁ Setting Up BUZZI Sprinkler

Setting Up The BUZZI Sprinkler App

1. Installing and launching the BUZZI Sprinkler app

a On your mobile device, download and install the BUZZI Sprinkler app from either the Google Play Store or the iOS App Store.

ANDROID APP ON
▶ Google play

Available on the
□ App Store

b Make sure that WiFi is enabled on your mobile device, then launch the BUZZI Sprinkler app. BUZZI Sprinkler will try to sign in.

c If no account settings can be found, the message **Sign in fail** will appear. You will now have the option to sign in with a BLACKCLOUD account, or create an account.

☁ Setting Up BUZZI Sprinkler

2. Signing in with a BLACKLOUD account

a At the BUZZI Sprinkler app's main menu, touch **Sign in**.

b If you already have a BLACKLOUD account, you can skip the BLACKLOUD account creation and activation process and go to step (e). If you do not have a BLACKLOUD account, touch **Create New Account**.

c Enter the registration information in the fields indicated, then touch **Register**.

d An account confirmation email will be sent to your email address. Confirm the registration in the email and in the app swipe right to return to the main menu.

e If you have a registered BLACKLOUD account, at the BUZZI Sprinkler app's main menu touch **Sign in** and enter your username and password. Your BLACKLOUD account information will appear in the main menu.

Getting Connected

Connecting Via The App

1. Accessing BUZZI Sprinkler via the app

a   Open the BUZZI app and swipe left. The BUZZI Sprinkler connection screen will display, and the app will attempt to connect to BUZZI Sprinkler. When it fails, click the ✚ icon at the top right to add your BUZZI Sprinkler.

Sign in Blackloud to backup the watering schedule.

You can click [+] icon at the top-right corner to add device.

b   Follow the onscreen instructions to configure BUZZI Sprinkler access via Ethernet or WiFi. See "Connecting BUZZI Sprinkler to the Internet" for connection options.

How to Add

Set up by Wi-Fi

1. Open your Wi-Fi on your Android/iOS phone.
2. Go to Wi-Fi setting to connect to BUZZI Sprinkler network.

Set up by Ethernet

1. Connect BUZZI Sprinkler with ethernet cable.
2. Go to Wi-Fi setting to connect to BUZZI Sprinkler network.
2.1 If you have home wireless network, connect to your Android/iOS phone to your home wireless network.
2.2 If you don't have home wireless network, please go to Wi-Fi setting to connect BUZZI Sprinkler network.

☁ Getting Connected

c **For WiFi connection only:** Locate the BUZZI Sprinkler in your mobile device's WiFi settings, and connect to it.

< Settings	ON	⋮
BUZZISPR_012908		🛜

d Return to the BUZZI app main menu. The app will connect to BUZZI Sprinkler, and this screen will display. Enter your country and zip code to retrieve weather forecasts for your location.

◄   Zip Code

Enter zip code to get the weather forecast of your location.

◯	◯	◯	◯	◯
	1	2	3	
	4	5	6	
	7	8	9	
	◯	0	⌫	

United State
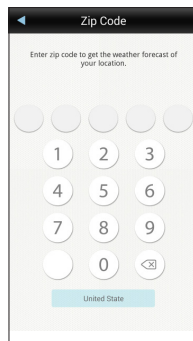
Getting Connected

(e) Select your preferred management method. To control BUZZI Sprinkler through the Internet via the app, use **Configure Cloud Service**. To control BUZZI Sprinkler through a direct WiFi connection with your mobile device (limited to the range of your WiFi network), use **Manage Directly**.

Select a management method below to configure your new BUZZI Sprinkler:

Configure Cloud Service
Internet needed

Manage Directly
No internet needed
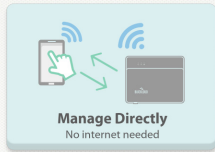
Configure Cloud Service
Control BUZZI Sprinkler with your mobile device through the Internet Cloud. This allows you to control BUZZI Sprinkler from anywhere, as long as you have internet access.* BUZZI Sprinkler must be connected to a WiFi or LAN network.

Manage Directly
Control BUZZI Sprinkler with your mobile device directly through BUZZI Sprinkler's direct WiFi signal. This allows you to control BUZZI Sprinkler without internet access, within the range of BUZZI Sprinkler's WiFi network.

***Important:** In order to configure the Cloud Service, you will need to enable "Remote Access" in the **Device Information** menu. This option will be provided during the initial setup if the "Configure Cloud Service" option is selected. See "Device information" later in this guide, for instructions.*
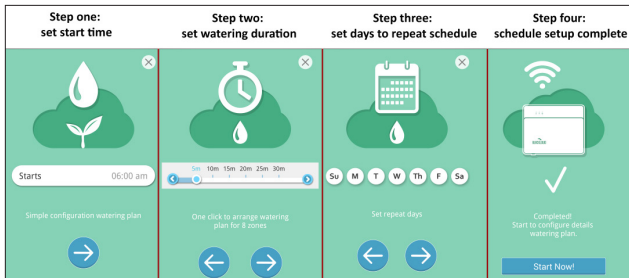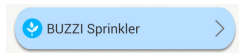
Additional Information

Main Features

1. Easy watering schedule menu

a Open the main menu of the BUZZI app and swipe left. The BUZZI Sprinkler connection screen will display, and the app will connect to BUZZI Sprinkler. Touch **BUZZI Sprinkler**.

> BUZZI Sprinkler >

b The easy schedule tutorial appears. Use these four steps to set up a simple watering schedule.

| Step one: set start time	Step two: set watering duration	Step three: set days to repeat schedule	Step four: schedule setup complete
Starts 06:00 am	5m 10m 15m 20m 25m 30m	Su M T W Th F Sa	
Simple configuration watering plan	One click to arrange watering plan for 8 zones	Set repeat days	Completed! Start to configure details watering plan.
→	← →	← →	Start Now!

☁ **Additional Information**

2.   Main watering schedule menu

After the easy schedule tutorial has been completed, the main watering menu will display. This menu displays device and weather information, and provides access to BUZZI Sprinkler's main functions.


(scroll down to see the following options)
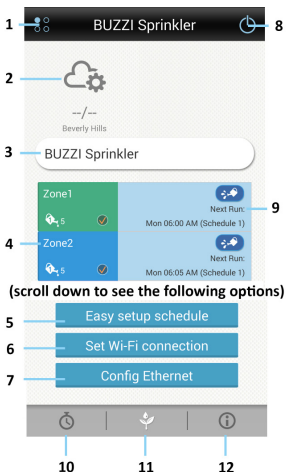
No.	Description
1	Return to BUZZI Sprinkler connection screen
2	Weather information
3	Device name; touch to change
4	Zone name
5	Easy setup schedule
6	Configure WiFi
7	Configure Ethernet
8	Power BUZZI Sprinkler on/off
9	Zone watering schedule
10	Zone watering schedules menu; described in the next section
11	Main watering menu (current)
12	Device information

☁ **Additional Information**

3. Zone watering schedules menu

Access the zone watering schedules menu by clicking on the ⏱ at the bottom left of the main watering menu.
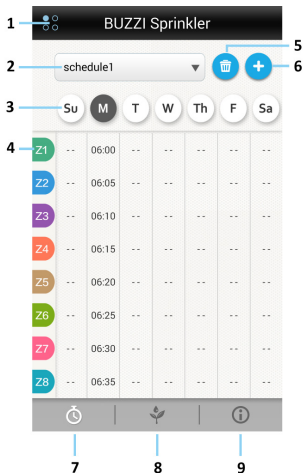
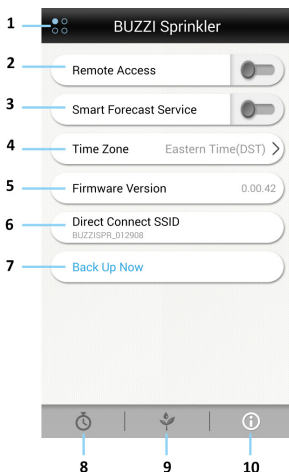| No.	Description
1	Return to BUZZI Sprinkler connection screen
2	Current schedule; touch to change
3	Select days to schedule watering; click on times to set watering time
4	Zone number
5	Delete current schedule
6	Add new schedule
7	Zone watering schedules menu
8	Main watering menu
9	Device information

☁ Additional Information

Additional Features

1. Device information

Access the device information menu by clicking on the ⓘ at the bottom right of the main menu.

No.	Description
1	Return to BUZZI Sprinkler connection screen
2	Turn on Remote Access to control BUZZI Sprinkler via the BLACKLOUD service (see page 14 for details).
3	Smart Forecast Service option (provides local weather forecasts)
4	Current time zone
5	Device firmware version
6	Device SSID (for direct WiFi connection)
7	Backup schedules (requires Blackloud account sign in)
8	Zone watering schedules menu
9	Main watering menu
10	Device information menu

Additional Information

FCC Regulatory Statement

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Country Code selection feature to be disabled for products marketed to the US/CANADA

Additional Information

Copyright information

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