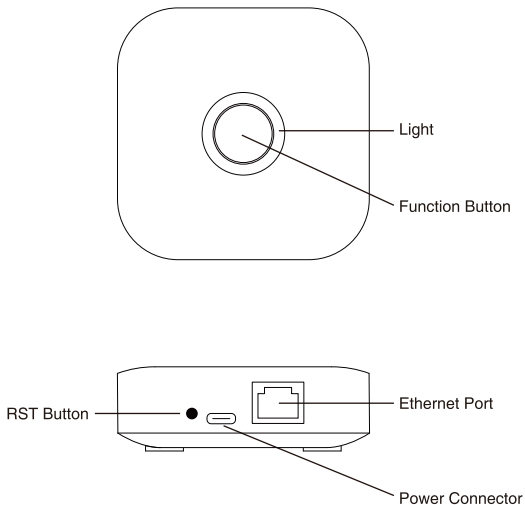




The Netro Hub
Quick start guide

- English -

Meet the Netro Hub



The Netro App






- 1 Download the Netro app. If you do not already have the Netro app on your mobile device, search for Netro and download the free Netro app in Google Play store or App Store.
- 2 Launch the Netro app. Create a Netro account or login with an existing Netro account to start setting up the Netro Hub to your Netro account. If you are using other Netro products, you do not need to create another account, instead you can add the hub to the same account.

Setup the Hub in the App

- 1** Power on the hub by plugging in the power adapter. The light should turn on in white color, indicating the hub is initializing. Then the light will start to blink in blue after the initialization, indicating that it is ready to connect to WiFi. If the light does not blink in blue, press the RST button once to reset the hub.
- 2** Add the hub to your Netro account through the steps of the Netro app. The light turns solid green when the hub is successfully connected.

The LED Light

The light on the hub has six possible statuses:

-  **Solid in white:** the hub is initializing.
-  **Blinking in blue:** the hub is in its HOST mode. This happens when you first turn on your hub or reset it, and indicates that it needs to go through the setup steps in the app to connect to a WiFi network.
-  **Solid in green:** the hub is connected to your home WiFi.
-  **Blinking in green:** the local wireless network of the hub is open and waiting for end devices to join.
-  **Blinking in green twice:** the hub is receiving commands from the user or server.
-  **Solid in red:** the hub is disconnected from the WiFi router.

Buttons

- RST button

The RST button is located on the back of the hub. You will need a pin or long, thin object to press the button.

Short press: quickly press the button once (less than 1 second) to switch the hub to the HOST mode. The light will start to blink slowly in blue in a few seconds.

Long press: press and hold the button for 6 to 8 seconds to reset the hub to its factory settings. Wait 10 seconds and the hub will start to blink slowly in blue.

Note: To ensure a successful reset, please reboot the hub before reset.

1. Power off the hub (unplug the power adapter).
2. Wait 10 seconds and then plug in the power adapter.
3. Wait 1 minute for the hub to start.

- Function button

Press and hold the function button for 6 seconds. The light on the hub will start to blink in green. This is to open the local wireless network of the hub and allow the end devices to join.

Technical Specifications

Dimensions: 3.2 X 3.2 X 1.1 (inches) / 81 X 81 X 27 (mm)

Weight: 2.8 oz / 78 g

Input voltage: 5V DC

WiFi: 802.11n, 2.4Ghz

Local wireless network: 2.4Ghz

Maximal number of end devices: 8

Operating temperature: -4°F to 122°F / -20°C to 50°C



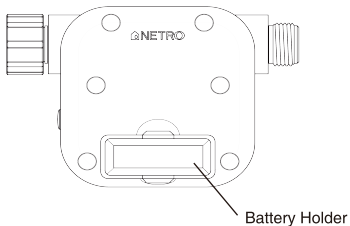
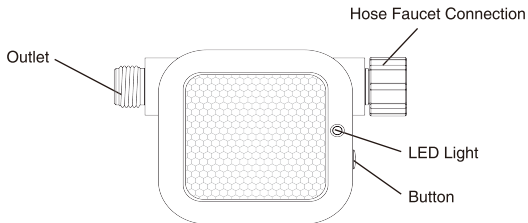
PIXIE Z1

The Smart Hose Faucet Timer

Quick start guide

- English -

Meet Pixie Z1, the Smart Hose Faucet Timer



The Netro App

- 1** Download the Netro app. If you do not already have the Netro app on your mobile device, search for Netro and download the free Netro app in Google Play store or App Store.
- 2** Launch the Netro app. Create a Netro account or login with an existing Netro account to start setting up the Pixie Z1 timer.
- 3** Make sure your Netro Hub has already been added to your Netro account before setting up the Pixie Z1 timer.

Setup the Pixie Z1 timer in the App

- 1** Put two AA alkaline batteries into the battery holder and insert the battery holder into the Pixie Z1 timer. The LED light will start to blink in white color. (If not, press and hold the power button for 5 seconds to reset the timer to its factory settings).
- 2** Add your Pixie Z1 timer to your Netro account through the Netro app (choose the model as Pixie Z1).

Test the local wireless network

In order to verify that the Pixie Z1 timer works properly, we need to check the signal strength of the local wireless network hosted by the Netro hub at the location where the Pixie Z1 timer is installed. There are two methods to do that:

- 1** Make sure the timer is not watering. Press the button for 3 seconds. If the LED light turns on in green for 5 seconds, that means the Pixie Z1 timer is connected to the Netro hub. If the LED light turns on in red for 5 seconds, that means the Pixie Z1 timer is disconnected from the Netro hub.
- 2** Wait for 3 minutes, refresh the home page of the Netro app and the signal level of the local wireless network will be displayed on the app.

If the light shows red in Method 1 or If the WiFi signal is less than one bar in Method 2, you need to move the hub closer to the timer or remove the obstacles between the hub and the timer.

Weather Data

Once your Pixie Z1 is added to your account through the Netro app, the Netro cloud server automatically acquires the local weather data for adjusting the watering schedules.

- Change providers

By default, your Pixie Z1 is connected to NetroWeather for weather data. You can change it to a different weather source in the Netro app -> Settings-> Weather Provider.

Smart Zone

Your Pixie Z1 optimizes the watering schedules based on weather conditions and watering regulations. You can select the Smart level for each zone in the Netro app -> Settings -> Garden -> Smart Zone.

- Advanced:

Your Pixie Z1 automatically creates smart watering schedules based on moisture level and watering regulations. User programs will be skipped based on local weather conditions.

- Basic:

No smart watering schedules will be created and you need to setup user programs in Settings->Programs. Your Pixie Z1 skips user programs based on local weather conditions and watering regulations.

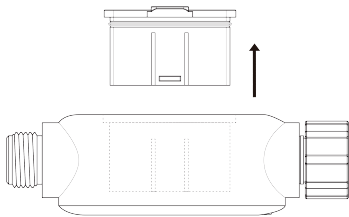
Battery

Pixie Z1 uses two AA alkaline batteries.

Two AA alkaline batteries can generally provide 6 months of normal operation.

What if the battery on the Pixie Z1 runs out?

The timer will stop functioning. When you press the power button twice quickly, the LED light will flash in red indicating low battery. You can remove the battery from the back of the timer to replace the batteries.



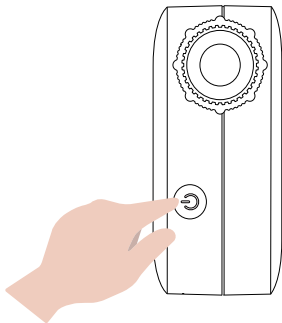
Reconnect the timer to the hub

Case 1: You have removed the timer from your Netro account.

Please go to the home page of the Netro app, press the + button on the right upper corner and follow the instructions to re-add the timer to your Netro account.

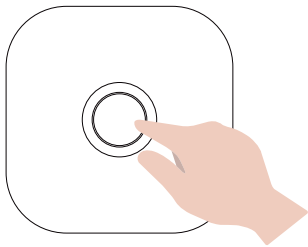
Case 2: The timer is still in your Netro account.

- 1** Press and hold the power button on the timer for 12 seconds to reset the timer. The LED light on the timer will start to blink in white.



Reconnect the timer to the hub

- 2** Press and hold the function button on the hub for 6 seconds. The LED light on the hub will start to blink in green.



- 3** Press the power button on the timer once quickly (less than a second). The LED light on the timer will start to blink in green.
- 4** Wait until the LED light on the timer becomes solid green. It may take up to 2 minutes.

The LED Light

The LED light on your Pixie Z1 timer has five possible statuses during the pairing process:

- ☀️ **Flashing in white:** the timer is waiting for pairing with the Netro hub.
- 🌱 **Flashing in green slowly:** searching for nearby hubs.
- **Solid in white:** the timer found the Netro hub and is trying to connect to it.
- **Solid in green for 5 seconds:** timer successfully connected to the Netro hub.
- **Solid in red for 5 seconds:** timer failed to connect to the Netro hub.

The LED Light

The LED light on your Pixie Z1 timer has three possible statuses during regular usage:

- **Solid in red for 1 second:** the batteries run out.
- ☀️ **Flashing in red quickly twice:** the timer is unable to connect to the paired hub.
- **Solid in blue:** the Pixie Z1 is watering.

Button

Button on the Pixie Z1:

Long press (3 seconds): power on/off the timer.

Long press (12 seconds): reset the Pixie Z1. The light will flash red quickly five times.

Double press: turn on/off the water.

Short press (less than 1 second): If the timer has not been paired to any hub or has been reset (the LED light on the timer should flash white), quickly press the button once to pair the timer with the open Netro hub.

Technical Specifications

Dimensions: 6.5 X 4.3 X 1.9 (inches) / 164.5 X 110 X 48 (mm)

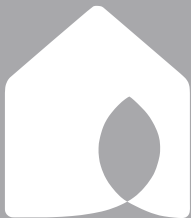
Weight: 14.5 oz / 410 g

Local wireless network: 2.4Ghz

Operating temperature: 32°F to 122°F / 0°C to 50°C

Water pressure: 0.02MPa to 0.8Mpa

Threads: US standard 3/4" GHT (Garden Hose Thread)



Netro INC.