

HT25/BH1

B-HYVE HOSE TAP TIMER AND WI-FI HUB



BH1

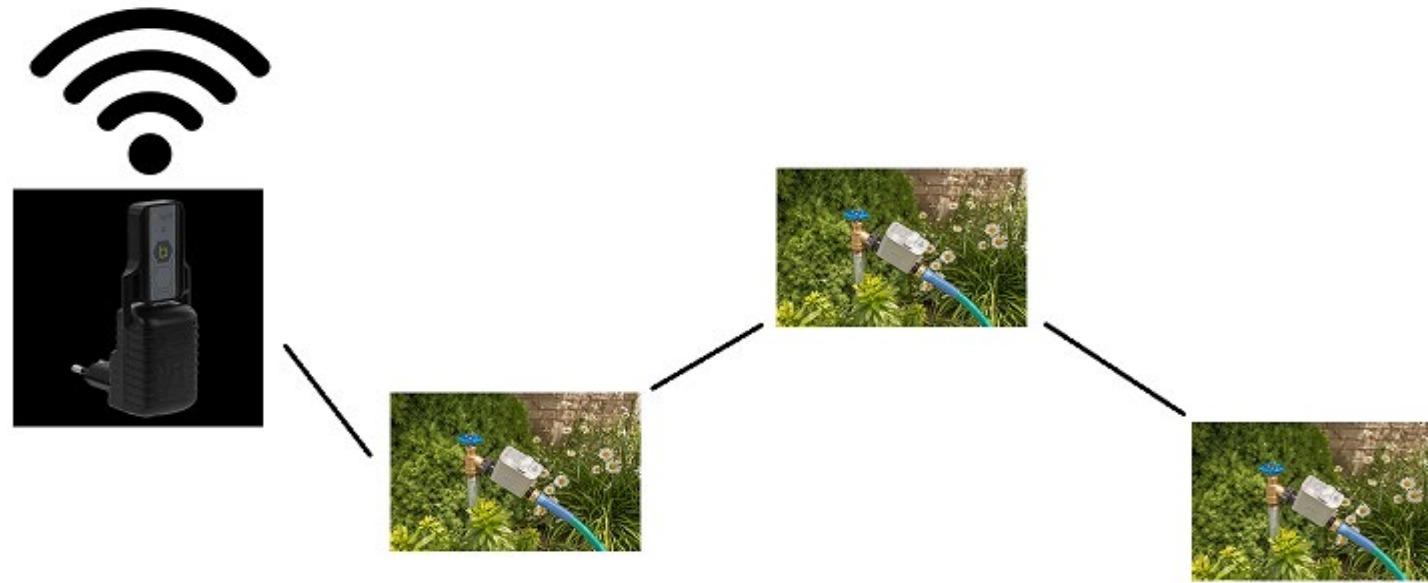
- The BH1, or B-hyve Wi-Fi Hub, is used to connect Bluetooth products to the internet. As of right now, the HT25 is the only product that requires the hub to connect to the internet.
- You cannot have just the hub on an account, you need another timer in order to have the ability to access your account.
- Indoor mount only (unless you have an outdoor box to put it in)
- You should not remove the USB from the plug.
- You can only change the name and picture of the device in the app.
- Uses Bluetooth to communicate with HT25, Wi-Fi to connect to internet
- Creates a “Mesh” network
- You can use a Gen 2 WT25 or a WT24 as a replacement for a BH1



What is a Mesh Network?

Mesh networks work for any type of radio signal, and allow different types of devices to piggyback off each other as nodes in a network, each node spreading the radio signal a little further than the last.

B-hyve uses this to allow your devices to use each other to communicate back to the hub.



HT25

- Only uses Bluetooth to communicate
- Works in a mesh network
- Battery life 3.5 – 8 months.
- Bluetooth range about 50 feet (15 meters)
- Can be used without Wi-Fi Hub
- Water resistant
- Screen Filter



Pairing

COMBO

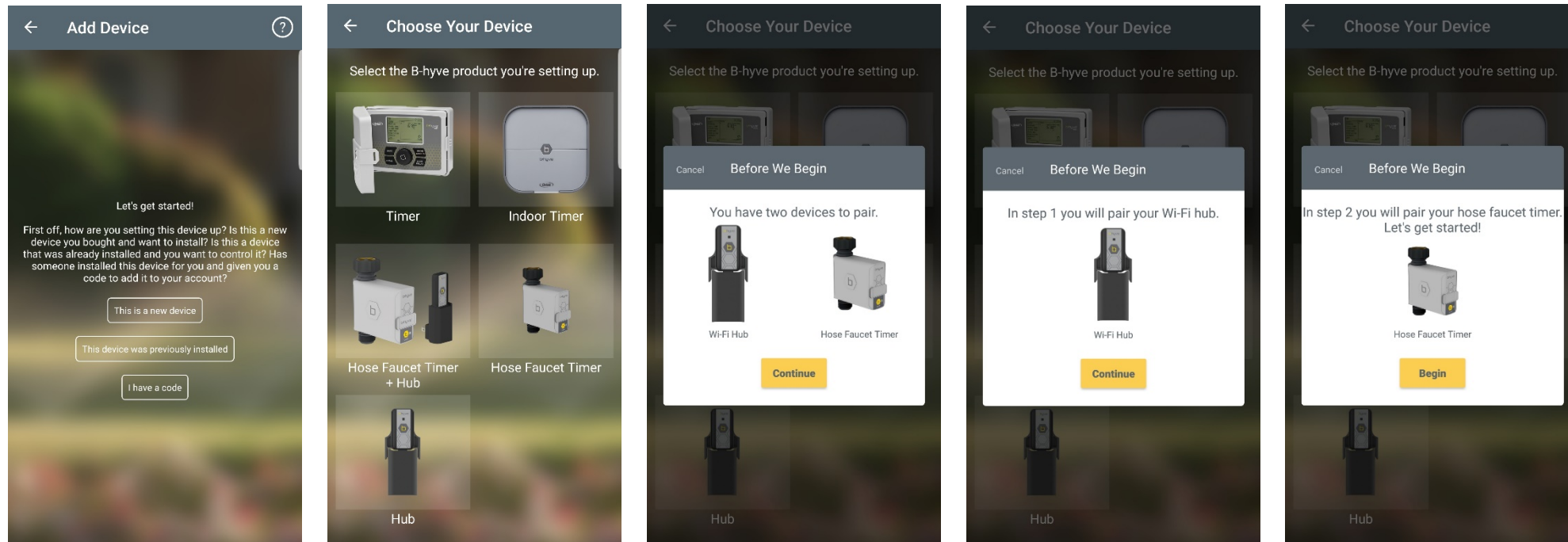
When you choose to pair them as a combo or set, it will first walk you through pairing the Hub, and then you will pair the device. Once the hub is paired, you can attach new timers at any point. Once paired, your hub will create a “Device Group”. When pairing your HT25s, if you choose Wi-Fi, you’ll connect to these device groups.

SINGLE DEVICE

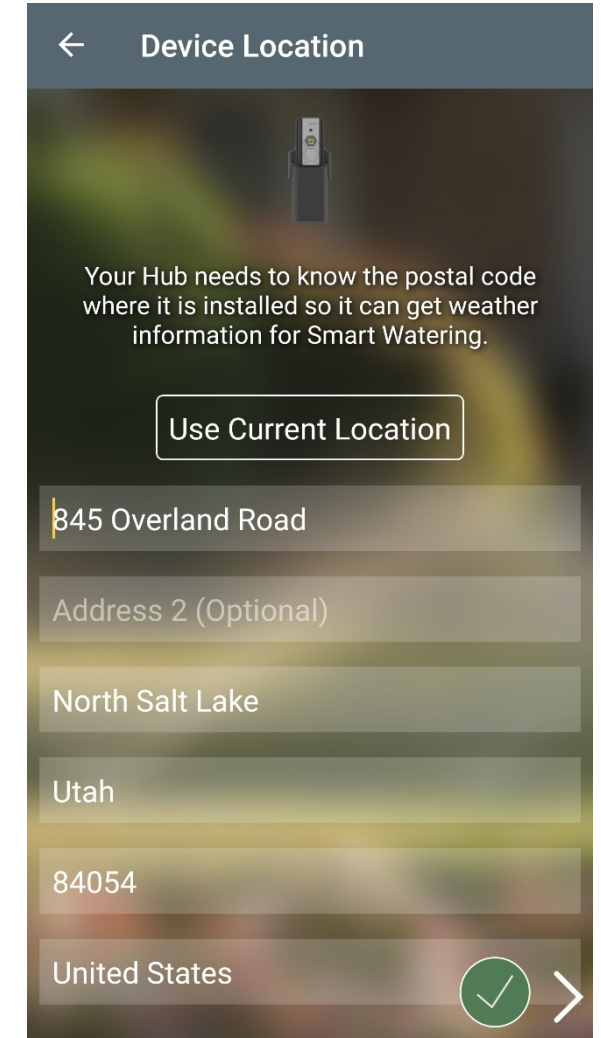
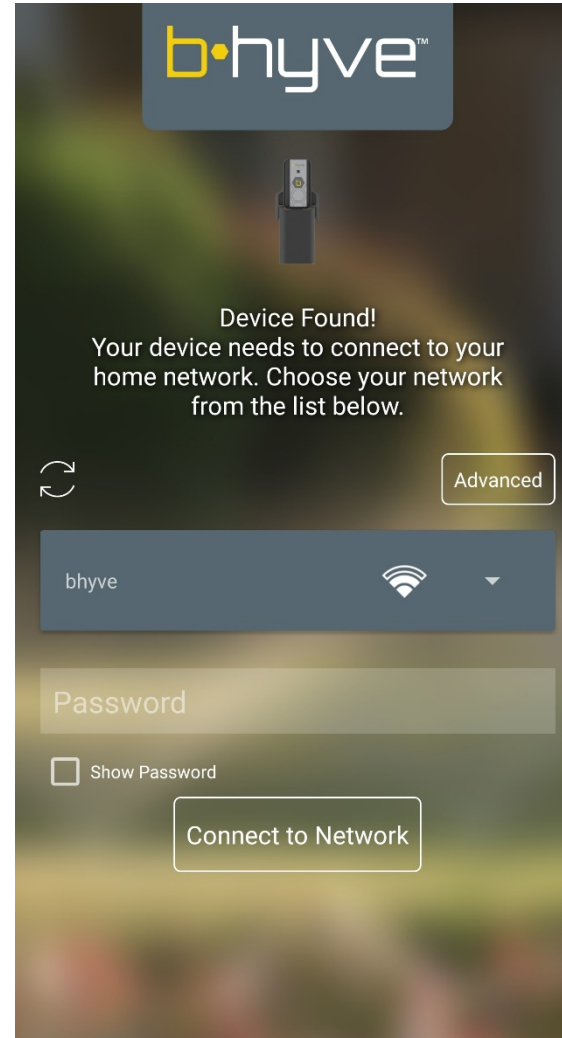
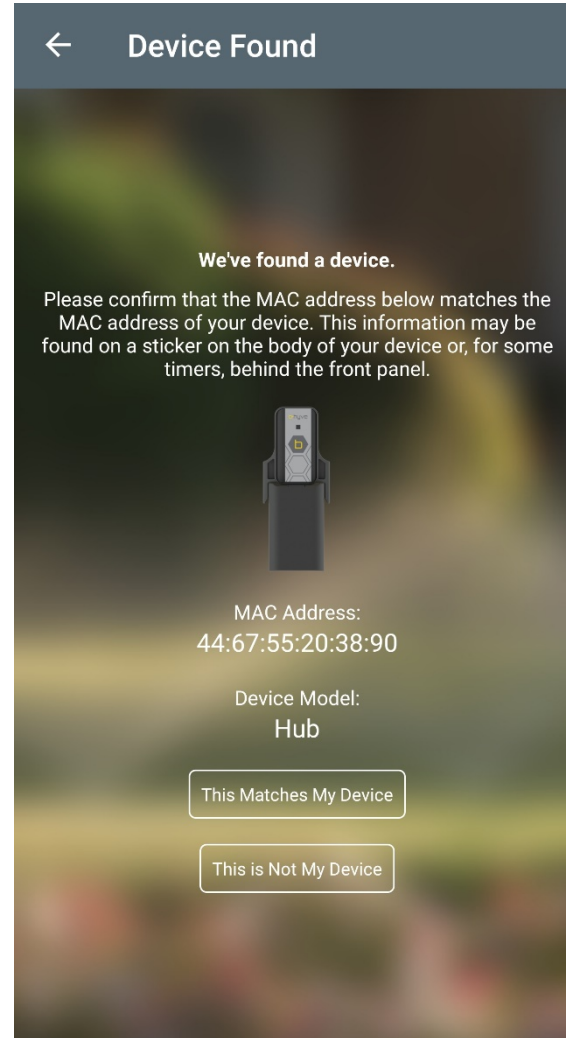
If you choose to pair the just the singular device, you will only go through pairing the device selected. If you don’t have any other devices on your account and you try to pair the hub, you will get kicked back to pairing another device after you have paired the hub. You can’t control the hub, so the app won’t be able to do anything until there is a timer on your account.

Combo Pairing

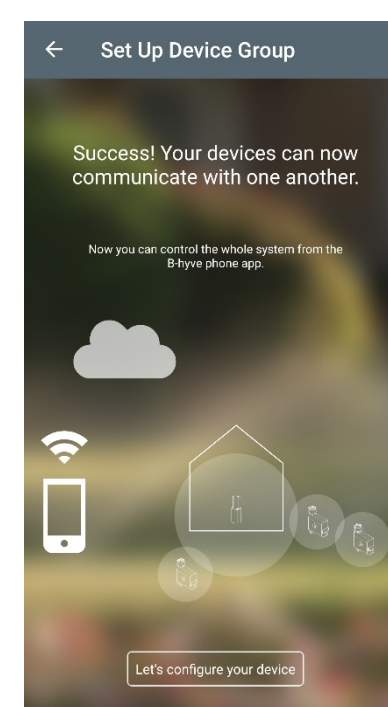
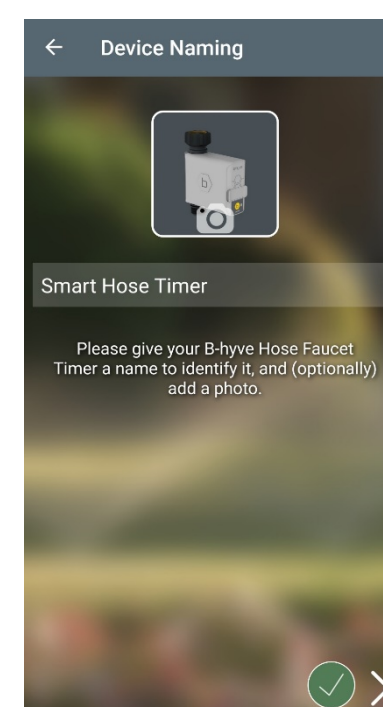
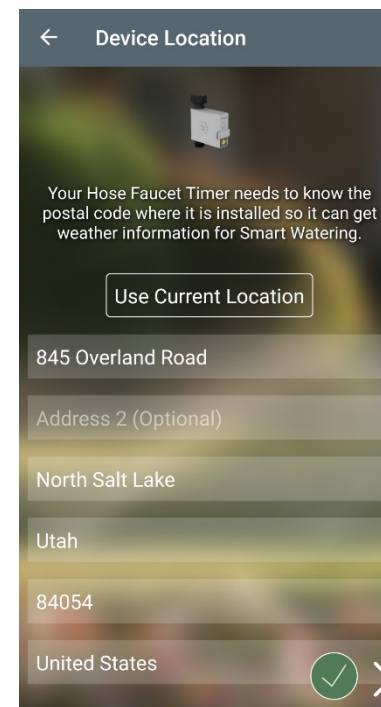
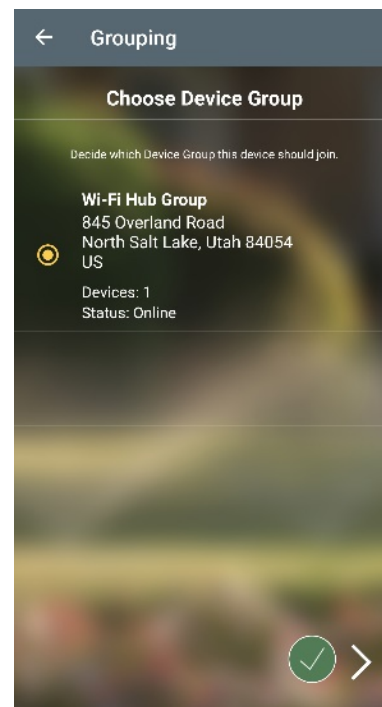
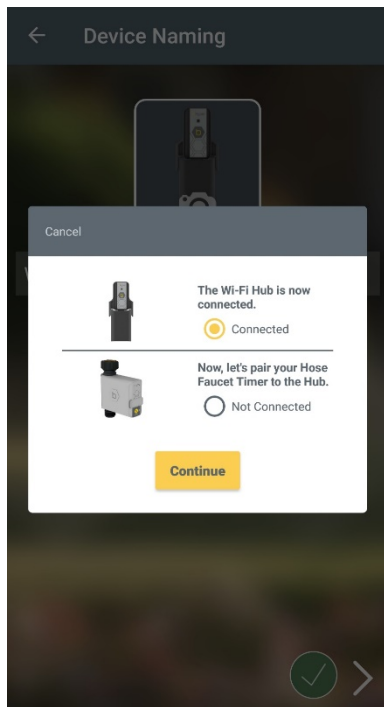
First, make sure both of your devices are in Pairing mode. To do this, press the Bhyve button rapidly 5 times. You'll know they're in pairing mode by their flashing blue light. Open the app and select Hose Faucet Timer + Hub. The app will explain that you need to pair the hub then the timer.



You will then begin to pair the hub. It is recommended to write down the MAC ID of the hub before plugging the unit in so that you can confirm you are pairing the correct device. **Note:** The MAC ID is the smaller set of numbers, not the larger number. Select your Wi-Fi Network, input the password, and then input your location. Name the Hub and your hub is paired!

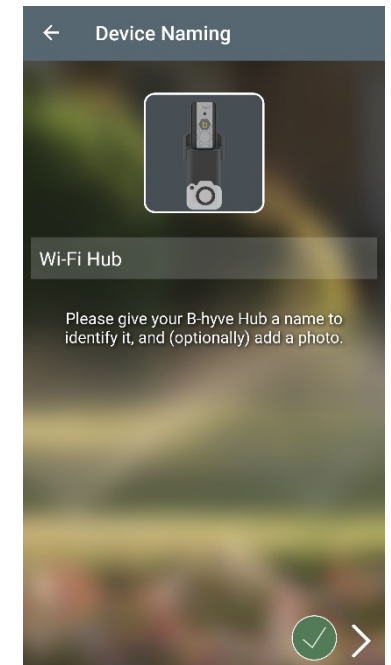
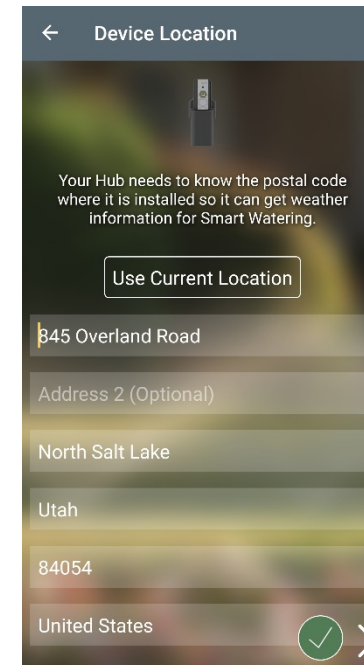
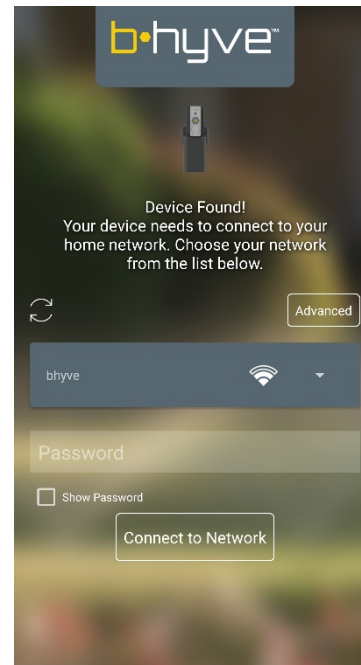
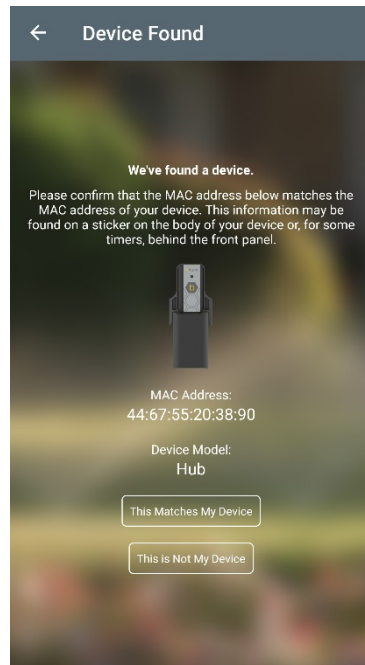


All that is left to do now is to pair the HT25! Again, you want to take note of the MAC ID that is listed on the bottom of this device before pairing. Make sure the timer is in pairing mode by pressing the B-hyve button 5 times. You don't need to input your Wi-Fi settings again, as the HT25 will just connect to your BH1. Once your timer has been found and you've connected to your timer, you simply need to select which "Device Group" your timer connects to. The device group is named whatever you named your Hub.



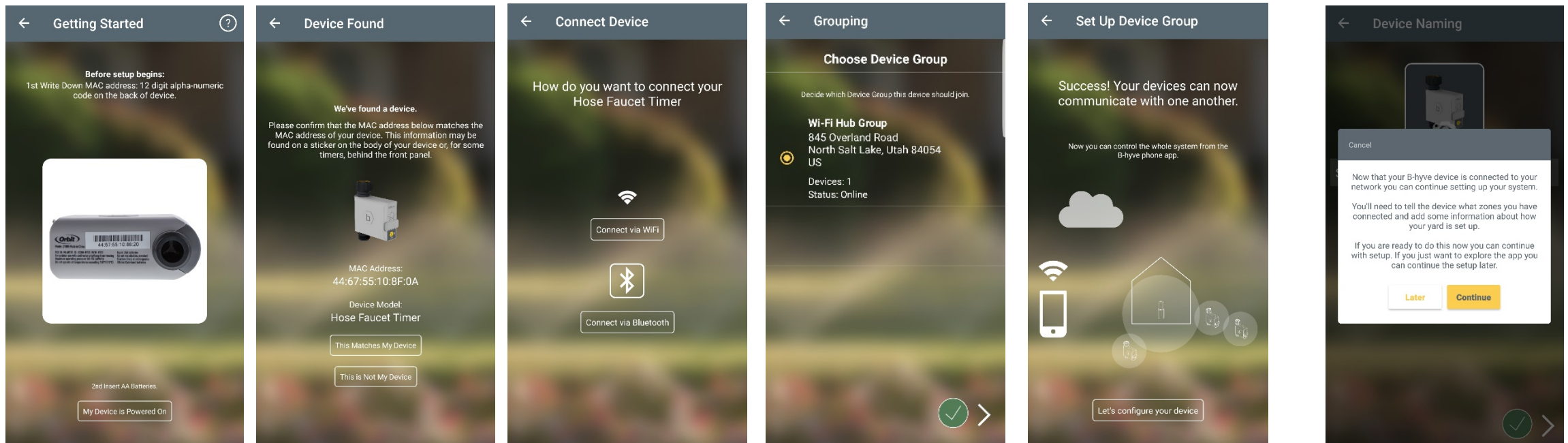
Single Device Pairing – BH1

If you select to pair just a BH1, you won't be able to use the app unless you have another B-hyve device already attached. Once you have the BH1 paired, you will need to add another device. If you already have another timer attached to your account, you will see your BH1 on the list of devices. All the BH1 does is give Wi-Fi to your non Wi-Fi devices.



HT25 Pairing to an Existing Hub

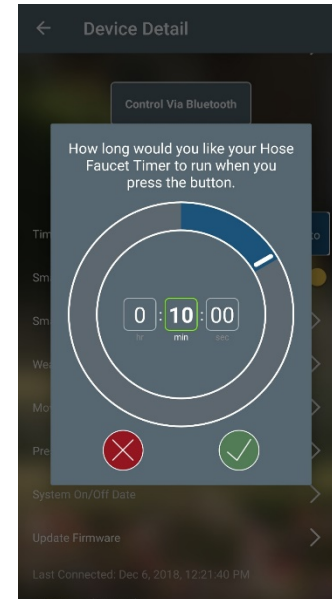
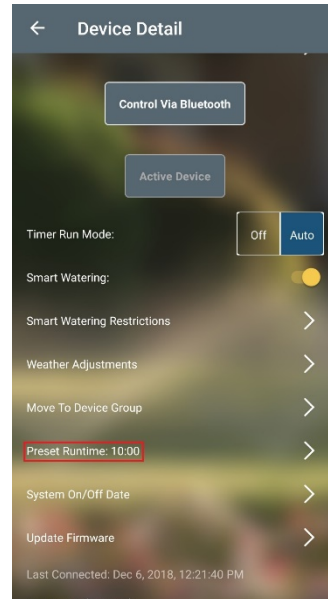
The HT25 pairing process is very similar to that of the Combo process, except you can select to use Bluetooth only (as long as there is another B-hyve Device broadcasting a Wi-Fi Signal). Because the HT25 uses Bluetooth to connect, you will want to be close to it in order to pair. Make sure you have fresh AA batteries as well. Once connected, give a location and name.



Manual Watering at the Device

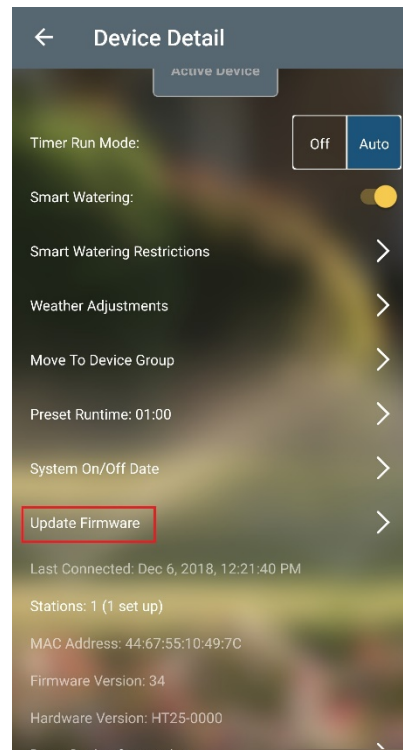
You can run the timer without the app just by holding down the B-hvye button for about 3 seconds, until the light goes green. This will run for whatever your pre-set duration is set for. The Default is 10 minutes, but it can be changed in the app.

Go to Settings > Devices > Your Timer > Preset Runtime. Rotate it to the duration you'd like it to run for (anywhere from 15 seconds to 4 hours).



Updating the Firmware

This timer is the only device the user can/needs to manually update. To do this, go to Settings > Devices > Your Timer > Update Firmware. It will first check the firmware, and then check if there is a firmware update needed. This typically takes about 2-3 minutes.



Light Codes - HT25

Blue Blinking – Pairing

Blue/Green 1 time – Paired to Bluetooth

Blinking Green – Watering

Blinking Yellow – Rain delay

Blinking White – Bootloader mode/OTA

Blinking Red – Low Battery

Blue/Yellow – Connected to account but looking for Wi-Fi

Light Codes - BH1

Blue – Pairing

Yellow – Looking for Access Point

Green Blinking – Looking for Server (server outage typically)

Solid Green – Connected

Red – Factory Reset

White – Booting

Red Blinking – Paired but no Wi-Fi

Known Bugs

One of the challenges of this product is that the HT25 will hold its program until the batteries die. So, if a user unplugs their BH1 but leaves the HT25 connected, it will continue to run until the batteries die. When shutting the system off, either remove the batteries or turn off the water to the timer.

Bootloader mode - Sometimes the timer fails to update the firmware and gets stuck in bootloader mode, the light flashes white indicating that the timer cannot be used. If the device is still attached to their account, the customer may be able to resolve it themselves. Try going to settings > Devices > Select the timer > Update Firmware.

Troubleshooting



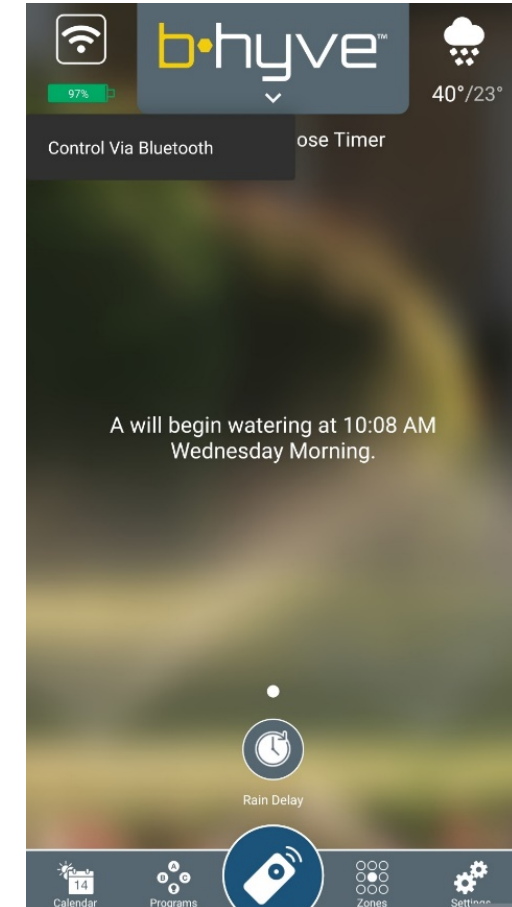
No Water Output

If you can hear the timer clicking, but the valve doesn't open, remove the hose from the timer and then try running it again. If it still doesn't work, cover the outlet with your thumb, and turn the timer on. The back pressure should help the valve pop open.

Also try to run the timer without the app, just by holding the button down until the light flashes green. This turns it on without the use of the app. If this doesn't work, see provider.

Not running set programs

If the timer is not running set programs, its possible that the timing got off. To resolve the timing, you simply need to connect to it via Bluetooth. From the home page, tap the connection icon in the top right corner, then select “Control Via Bluetooth”. You should get a popup telling you that the timing has been corrected.



Timer won't leave Off

If the timer is stuck in the off position, it is likely that you have dead batteries. Remove the battery tray, remove the old batteries, and insert new AA batteries into the battery pack, and then push the battery tray back into the timer. You should now be able to put the timer back into Auto.

It does this to prevent the timer from running on low batteries so that it can both open and close the valve without interruption. This should occur once the batteries are below 15%.

Not Broadcasting/ Not connecting

If the timer is not broadcasting a signal or not connecting to your phone, first make sure the timer is in pairing mode. Press the B-hyve button 5 times rapidly to get it into Pair mode.

If that doesn't work, remove the batteries for 5-10 seconds, and then plug the batteries back in. Now try putting it into pairing mode again.

Make sure your timer is within 30 ft (10 meters) before beginning the pairing process. You can do this while inside your home.

If that still doesn't work, see provider.

This Device is registered to another user

If you get a message saying “This device is currently registered to another user”, you can try pairing by selecting “This device was previously installed” instead of “This is a new device”. When you go through the pairing process, it should connect right up to your account. If you still have issues, see provider.