

Application Note AN011

Configuring Hub 2 Wi-Fi without Bluetooth

Overview

Hub 2 can be connected to the internet via Wi-Fi. For convenience, this is normally set up over a Bluetooth wireless connection using the Levelise App. If Bluetooth isn't available, Wi-Fi can be configured over a temporary Ethernet connection between Hub 2 and an iPhone*, iPad*, or laptop. This application note describes how.

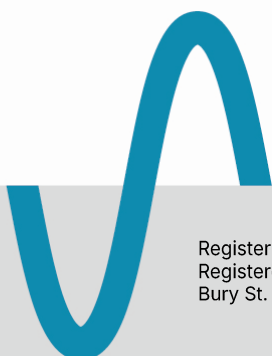
What You'll Need

- Levelise Hub 2
- iPhone, iPad or laptop with an Ethernet or USB-C port
- Ethernet cable
- USB-C to Ethernet adaptor (if your mobile device lacks an Ethernet port). Available from Amazon.co.uk

Quick Summary for Advanced Users

- Connect your device to Hub 2's LAN 1 or LAN 2 port using an Ethernet cable (use a USB-C adaptor if needed).
- Open a browser and go to*:
 - <http://levelise-hub-2.local/wifi>
- Enter Wi-Fi network name, network password and Admin password.
- Confirm connection status

* Android-based devices can also be used, but the process is more complex due to limited support for USB-C to Ethernet adapters and .local (mDNS) resolution. Advanced users should follow the Detailed Step-by-Step Guide, which includes additional Android-specific instructions identified by a (🤖)



Detailed Step-by-Step Guide

1. Power off Hub 2

- Disconnect Hub 2 from its power supply

2. Connect to Hub 2 using Ethernet

- Plug one end of the Ethernet cable into port LAN 1 or LAN 2 on Hub 2

Option A: Connecting through a broadband router/Wi-Fi access point

- Connect the other end of the Ethernet cable to a spare port on the router
- Connect your mobile device to the same network via Wi-Fi

Option B: Direct to your mobile device

- Connect the other end of the Ethernet cable directly to your device.
- Use USB-C to Ethernet adaptor if there is no Ethernet port on your device

 **Android devices – advanced users only:** manually assign the device a static IP address in the range 169.254.0.0/16

3. Power on Hub 2

- Ensure nothing is plugged into Hub 2s connector ports.
- Plug in the power cable and switch on
- Wait 2 minutes for start up to finish

4. Configure Wi-Fi

- On your device, open a browser and go to: <http://levelise-hub-2.local/wifi> or (Option B only) <http://168.254.10.10/wifi>

 **Android-devices – advanced users only:** use the IP address of Hub 2 in the URL instead of levelise-hub-2.local. For Option A above use: <http://<Hub 2 IP address assigned by your router>/wifi>; or or Option B use: <http://169.254.10.10/wifi>

- Click on "Update Wi-Fi" and select your Wi-Fi network name
- Enter the Wi-Fi Network password
- Enter the Admin password on the side of your Hub
- If successful Hub 2 will show "Connected" and the signal strength

5. Verify connection

- Go to <http://levelise-hub-2.local/status> on your device
- Confirm Hub 2 is connected to the internet

