



xunison Hub Q50 Mesh High Performance Router User Guide

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1.Product Introduction

Xunison Hub Q50 Mesh is a high-performance router with an ability to build powerful Wi-Fi Mesh network. Additionally, the product supports concurrent device connections providing seamless internet connection with the speeds up to 5400 Mbps.

Wi-Fi 6 (ax)

This device is equipped with Wi-Fi 6 technology, which means it can support multiple Wi-Fi standards including 802.11a/b/g/n/ac/ax. As a result, it can provide seamless connections with both modern and older Wi-Fi devices.

Smart Home

Supports Z-wave, Zigbee and BLE devices.

Mesh

Mesh technology boosts Wi-Fi coverage, eliminates dead zones, and ensures reliable connection. It also offers easy setup with rapid one-button pairing.

Parental Control

This feature helps parents monitor and control their child's internet activity. It includes web content filtering, time limits, and social supervision, promoting online safety and responsible habits.

2.Product Installation

2.1 Ensure the cables are connected.

1. Connect the power cable (labeled “1”) to the
2. Press the power button (labeled “2”) to turn ON the device



2.2 Product Configuration

Step 1: Connect your mobile device to the Xunison Hub Q50 Mesh network by entering the Wi-Fi details printed on the device sticker.






Step 2: To install the Xunison app, you can either scan the QR- code on the welcome card.

OR

Step 2: Alternatively, you can download the Xunison app from Google Play store or App store.


After installing the app, log in with your registered account to access the features of Xunison Hub Q50 Mesh

3. LED Indicators

LEDs	Color	Symbol	Status
Wi-Fi	Solid Blue		Wi-Fi ON
	Solid Red		Wi-Fi OFF
Internet	Solid Blue		Internet connected
	Solid Red		No internet connection
Zigbee	Solid Blue		Zigbee module working
	Blinking Blue		Adding Zigbee device
	Solid Red		Zigbee not working
Z-wave	Solid blue		Z-wave module working
	Blinking Blue		Adding/Removing Z-wave device
	Solid Red		Z-wave not working
Power	Solid Blue		Powered ON
	OFF		Powered OFF

LED	Mode	Color	Symbol	Status
Mesh	Gateway	Solid Blue	Vertical strip	Mesh Network connected
		Blinking Blue		Gateway Pairing
	Satellite	Quick blinking yellow	Vertical strip	Satellite Pairing
		Solid green		Mesh Connected
		Red blinking		Mesh Failed

4. Ports and Interfaces

	Ports	Description
	2GE x LAN	To connect PCs, Laptops, etc. via Ethernet cables.
	1GE x WAN	Connect Ethernet cable from Xunison Hub Q50 Mesh to ISP source .
	DC jack	For power supply (12V 2A).

Button	Description
POWER	Turn on/off device.
RESET	Press the “ RESET ” button for 10 seconds to factory reset the device to the default settings.
PAIR	Long press the PAIR button for 5-10 seconds to setup the Mesh mode.

5. Safety Guidelines

Attention

Use original and certified cables.
 Ensure the device does not come into contact with water during storage, transportation, and operation.
 Keep away from heat sources and ensure the device has adequate ventilation.
 Do not use any corrosive cleaner/oil to clean the device.
 Keep out of the reach of children.

Tips

Please check the cable connections once the device is installed.
 Place the Xunison Hub Q50 Mesh in an appropriate place for seamless\ internet connectivity.
 Restart the device in case of any internet connectivity problems.
 Change your Wi-Fi passwords often.

Caution

In case of a malfunction or damage, the user should not disassemble. Change the connections instead and contact technical support for assistance.

6. RF Parameters

Button	Description
POWER	Turn on/off device.
RESET	Press the "RESET" button for 10 seconds to factory reset the device to the default settings.
PAIR	Long press the PAIR button for 5-10 seconds to setup the Mesh mode.

For additional information

Please visit xunison.com/support to find answers to your support questions and access the latest downloads and product services. You can also submit a ticket for any issues you may face with our product. features and functionality.

Disposal Note

It is important to properly dispose of electronic waste to prevent harm to the environment and human health. This product should be taken to a designated collection point for recycling of waste electrical and electronic equipment. You can contact your household waste disposal service or the seller of the product for more information on where to drop of your waste equipment for recycling.

This means that the device is only permitted to operate on Wireless

Access Systems, such as radio local area networks, within the frequency band of 5150-5350 MHz for indoor use only, and only within the countries of the European Union listed: BE/BG/CZ/DK/DE/EE/IE/EL/ES/

The device is not permitted to operate outdoors within this frequency band or in other countries outside of the EU without the appropriate regulatory approvals.

Declaration of conformity

Hereby, Xunison Ltd. declares that the radio equipment type Q50 Mesh is in compliance with Directive 2014/53/EU.

Compliance

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 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 and your body.

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References

-  [Home - Xunison](#)
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