



xunison Hub M20-E Dual Band WiFi Range Extender User Guide

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xunison Hub M20-E Dual Band WiFi Range Extender



Product Introduction

The Xunison Hub M20-E is a dual-band Wi-Fi range extender with a convenient wall-plug design and two external high-performance omnidirectional antennas. It provides over 100 Mbps of Fast Ethernet connectivity to devices such as laptops, gaming consoles, and smart speakers via an Ethernet port. The extender is compatible with any wireless router, gateway, or cable/ADSL modem that supports WiFi.

Plug and play configuration:

No additional configurations are required once the Xunison Hub M20-E is set up successfully.

One-click fast pairing:

The Xunison Hub M20-E offers easy configuration for extending the coverage of your existing WLAN network by simply pressing the WPS button on both the Xunison Hub and the main router.

Stable Wi-Fi with two external 5dBi antennas:

The Xunison Hub M20-E utilizes external dual-band high-performance antennas with MIMO technology to ensure stable and reliable performance.

Dual-band Wi-Fi:

With support for dual-band Wi-Fi, the Xunison Hub M20-E can operate on both the 2.4GHz and 5GHz frequency bands, providing enhanced wireless performance, flexibility, and speeds up to 1200 Mbps.

Product Installation

To install the Xunison Hub M20-E, follow the steps below:

1. Plug the Xunison Hub into an electrical outlet near your router and wait for the device to power on. Note that the distance between your upper/main router and the device should be 2 meters.
2. Press the WPS button (2.4G/5G) on the upper/main router and then press the corresponding WPS button on your Xunison Hub M20-E (i.e., 2.4G/5G) according to the actual relay needs.

3. Wait for the 2.4G/5G LED to turn solid green, indicating a successful installation.
4. Once the Xunison Hub M20-E is successfully set up, you can relocate the device within the router's wireless signal coverage area. Allow about one minute for the device to adjust and check the color of the 2.4G/5G LED to ensure that the connection is stable.

To adjust the position of the range extender, follow the steps below:

1. As the Xunison Hub M20-E has a plug-and-play configuration, no additional configurations are required.
2. Ensure the device is installed at a suitable location. Refer to the following LED indicators to determine if the device is at an optimal distance from your router:

Solid Green	Appropriate location with the best signal quality
Solid Orange	Signal quality is weak, relocate the Exigo Hub M20-E closer to the router
OFF	Please relocate the Exigo Hub M20-E close to the router

3. Once the Xunison Hub is installed in a suitable location, you can connect your smartphone, laptop, and other devices to the hub. You can use the same SSID as your upper/main router or choose a new SSID. The Wi-Fi password is the same as your existing router.

Installation Tips:

- Install the extender in a location where there are no obstacles, such as walls or large furniture, blocking the signal.
- To avoid band interference, the device should be placed at a certain distance from home appliances operating in the 2.4 GHz band, such as microwave ovens and Bluetooth devices

LED Indicators

LEDs	Color	Status
Power	Solid ON	Device ON
	OFF	Device OFF
CPU	Flash every 2 sec	Device working
	Flash quickly	After RST button is pressed for 5 seconds
	Solid ON	The device remains solid ON for 2 mins after pressing the WPS button.
2.4GHz/ 5GHz	Green LED On	Signal quality on 2.4 GHz/5GHz is best.
	Orange LED On	Signal quality on 2.4 GHz/5GHz is weak.
	Off	No connection
LAN	Blue LED On	Ethernet cable is connected to the LAN port.
	Blue LED OFF	Network cable not connected.
	Blue LED blinking	Data is being transmitted.

Ports and Interfaces

LAN Port	For connecting your computer/laptop
RST Button	Press and hold this button for more than 5 seconds to reset the extender to its factory default settings
2.4G WPS Button	One-click fast pairing. After starting the WPS function of the upper router, press the WPS button on the extender, and then the extender connects to the wireless router.
SG WPS Button	One-click fast pairing. After starting the WPS function of the upper router, press the WPS button on the extender, and then the extender connects to the wireless router.

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 M20-E 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 it. Change the connections instead and contact technical support for assistance.

RF Parameters

Function	Frequency Range	Transmit Power (EIRP)
2.4 GHz Wi-Fi	2412 ~ 2472 MHz	Max 20dBm
5 GHz Wi-Fi	5150 ~ 5850 MHz	Max 23dBm

For additional information

Please visit [xunison.com/support](https://www.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 the 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 off 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 M20-E 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 a minimum distance of 20cm between the radiator and your body.

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Documents / Resources



[xunison Hub M20-E Dual Band WiFi Range Extender](#) [pdf] User Guide
M20-E, Hub M20-E Dual Band WiFi Range Extender, Hub M20-E, Dual Band WiFi Range Extender, WiFi Range Extender, Range Extender, Extender

References

- [🔗 Home - Xunison](#)
- [🔗 Support - Xunison](#)