90 mm

120 mm

Dbit

Quick Installation Guide

AX1500 WiFi6
Whole Home Mesh WiFi System

D-MAX4

Version: V1.0

1 Package Content

① Mesh Router X3/X2/X1

② Power Adapter X3/X2/X1

③ Ethernet Cable X1

④ QIG X1

2 LED Indicator and Ports

2.1 LED Indicator

Color	Status	Instruction
Red	Light Off	① No power ② Faulty equipment ③ Artifically turned off the indicator light on the app or web
	Fast Flash	① Device is restoring factory settings ② Device is being upgraded
	Solid	① Device is starting up ② Device is not connected to the Internet
	Fast Flash	In case of no Internet connection: the primary device triggers mesh networking
Yellow	Breathing Flash	① Device initial power-up completed ② Device factory reset, power-up completed ③ Secondary device Mesh network not paired successfully
	Fast Flash	The secondary device triggers mesh networking
Green	Solid	① The network connection of the device is normal ② Device mesh network pairing is successful
	Fast Flash	In the case of a normal Internet connection: the primary device triggers the mesh network

2.2 Ports

	Ports	Instruction
	MESH Button	One button to secondary mesh coverage wireless network.
	LAN Port	For wired connection of your end device to the mesh WiFi router.
	WAN Port	For connecting the broadband access device provided by the ISP, modem or the ethernet outlet.
	POWER Slot	For connecting device to the power socket via the provided power adapter.
	RESET Button	Press and release it to reset device to factory default settings.

3 Install the MU-LINK App

Download the MU-LINK App onto your mobile device by searching for "**MU-LINK**" in App Store or Google Play, Then install it.

Available on the App Store

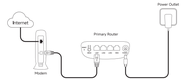
GET IT ON Google Play

MU-LINK

4 Connect the primary device

*The first device you set up functions as the primary node, while the rest are as the secondary nodes.
*If you do not use the modem for internet access, please skip step 1 and 3.

Step 1. Power off your modem.
Step 2. Use the included Ethernet cable to connect a LAN port of your modem and the Ethernet jack to the WAN port of any node. This node is your primary node.
Step 3. Power on your modem, and then wait about 2 minutes for it to restart.
Step 4. Power on the primary node, and wait until the LED indicator is green.

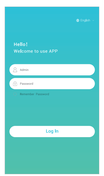


5 Mesh Networking (Only for multiple devices)

Method 1: Pairing Mesh Network via APP

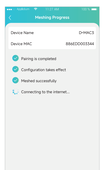
(1) Connect your cell phone to the primary node device and log in to the MU-LINK APP (default login password is **admin**).
(2) Take out the secondary node device and connect it to the power supply.

(3) Wait for the yellow light from the secondary node device to breathing flash, and click "⊕" on the MU-LINK APP interface.

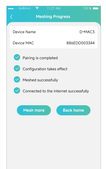


(4) Click the "⊕" of the device you want to mesh network, the green light of the primary device blinks fast, and wait for a while for the yellow light of the secondary device to blink fast. The two devices enter the automatic networking process. Pairing is completed → Configuration takes effect → Meshed successfully → Connected to the internet successfully.

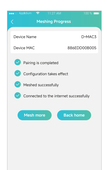
Tips:
Mesh networking takes some time, please do not power off or quit the process.



(5) Mesh networking is successful when both primary and the secondary device have green lights.



(6) Click "Mesh More" to select the device to continue mesh networking, the process is as above.



(7) Mesh networking is successful when both primary and all secondary devices have green lights.

Method 2: Wireless Mesh Networking (Mesh Button)

5.1 Connect the primary node to the internet
(1) Connect the smartphone to the WiFi network of the primary node. The SSID and password are specified on the bottom label of primary node.
(2) Run the MU-LINK App and follow the onscreen instructions to connect the primary node to the internet.
Or type "http://192.168.10.1" or "http://muwifi.tech" in your browser to enter the web management interface for network configuration.
(3) After the primary node is connected to the internet, its LED indicator lights solid green.

5.2 Mesh networking of secondary devices with primary device
(1) Take out the first secondary device and power it on.
(2) Wait for the yellow light to flash breathing, press the MESH button of the primary device,wait for the green light of the primary device to flash quickly, release the MESH button, and then press the MESH button of the first secondary device, wait for the yellow light to flash quickly, release the MESH button.
(3) The two devices enter into the automatic networking state, and when the LEDs of the primary device and the first secondary device both turn green, it means that the Mesh is successful.
(4) The second secondary device and the primary device for Mesh networking method as above.

Tips:
(1) In case of Mesh networking of three devices, please note that you must follow the above steps to network the sub-devices sequentially with the primary device, and do not press the MESH buttons of the three devices at the same time to avoid abnormalities.
(2) After successfully networking the secondary devices with the primary device first, then put the secondary devices into the corresponding rooms to save unnecessary time.

6 FAQ

Q: If Forget the login name and password of the device, what should I do (how to reset the router)?
A: If you forget the login name and password of the device, If you have changed it, the only way you can do factory reset to the device, then the login name and p assword will be restored to their default values.
*The RESET button is near by MESH button.

Q: What should I do if I can't access the router's management page?
A: • Reboot your router and try again.
• Check your WiFi connection.

Q: How to connect a device to my Mesh router?
A: It supports both wired and wireless connections. For wireless devices, you only need to search it's WiFi name on the device and connect with the WiFi password. Besides, each node provides three ethernet ports on the back for wired devices such as PC, printers, TVs, etc. You can also connect a switch to the ethernet port to expand the wired connections.

Q: Can't add another new node to expand my network coverage?
A: Yes. Run the MU-LINK App or create a mesh network wirelessly using mesh button.

Q: My 2.4 GHz WiFi-enabled devices, such as a home security camera, cannot connect to my Mesh WiFi network. What should I do?
A: Step 1: Connect your smartphone to your Mesh WiFi network
Step 2: Select the SSID ending with 2.4G
Step 3: Re-configure the camera for the network

Q: I can't log in to MU-LINK APP, what should I do?
A: Please check if the WiFi network connection is normal or if it is connected to the corresponding Wi-Fi SSID of this router.

Q: What should I do if mesh networking fails between the primary and secondary node?
A: Ensure that the network of the primary node's network is normal, reset the secondary node and try again according to the mesh networking process.

Q: Do I need to separate master and slave nodes? Can each node be used as a router?
A: No need to distinguish. Each node can be used as a router, and the device connected to the WAN defaults to the primary node.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
The device is for indoor usage only.
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.

Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.
This equipment should be installed and operated with a minimum distance 20cm between the device and your body.

Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Operating frequency:2412MHz to 2462MHz;5180MHz to 5240MHz;5260MHz to 5320MHz; 5500MHz to 5700MHz; 5745MHz to 5825MHz;
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Security Warning:
·Before using and operating the equipment, please read and follow the following precautions to ensure stable equipment performance and avoid dangerous or illegal situations.
·Please use and store this equipment and its accessories within the temperature range of 0 °C to 40 °C. When the temperature is too high or too low, it may cause equipment failure.
·During the use of the device, be sure to maintain a distance of at least 20 centimeters between the human body and the device antenna.
·Only accessories approved by the equipment manufacturer and compatible with this model of equipment can be used. If other types of accessories are used, it may violate the warranty terms of this device and relevant regulations of the country where the device is located, and may result in safety incidents. If you need to obtain approved accessories, please contact the authorized service center.
·The power socket should be installed near the equipment and easily accessible.
· When not using this device, please disconnect the power supply from the device and unplug the power plug from the power outlet.
·Please treat this device and its accessories as regular household waste.
·Please comply with local regulations regarding the handling of this device and its accessories, and support recycling actions.

Hazardous Substances Table

Part Name	Hazardous Substances or element								
	Pb	Hg	Cd	Cr(VI)	Br	PBBs	PBDEs	DBP	BBP	DEHP
PCBA	●	O	O	O	O	O	O	O	O	O
Cable assembly	O	O	O	O	O	O	O	O	O	O
Metal part	O	O	O	O	O	O	O	O	O	O

O : It indicates that content of toxic and hazardous substance in all homogeneous material are less than specified limit by Directive2011/65/EU (RoHS)

● : It indicates that at least one content of toxic and hazardous substance in all homogeneous material is beyond specified limit by Directive2011/65/EU (RoHS)

This table shows the toxic and hazardous substance when manufacture this device, hazardous substance information is based on information from supplier as well as internal inspection. In some part, hazardous substance cannot be replaced with current technologies, but we are always doing its best to improve the quality of the product.

Quick Installation Guide

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