正面

AX1800

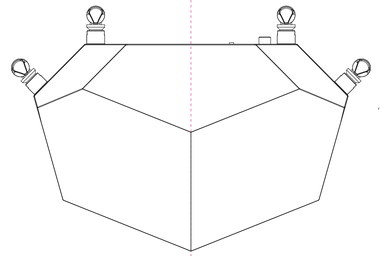
Gigabit dual-band Wi-Fi6 router

User Manual

■ PRODUCT OVERVIEW

Model:

This is an Ethernet uplink wireless Router with Mesh for home users, is designed for expanding home network coverage and providing 2.4GHz and 5GHz high-speed connection speed. The device offers 5 Gigabit Ethernet ports(1 for WAN port,4 for LAN port), 2*2 2.4GHz(11ax)+2*2 5GHz(11ax) Wi-Fi.



■ RF exposure information

The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of 20cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and human body.

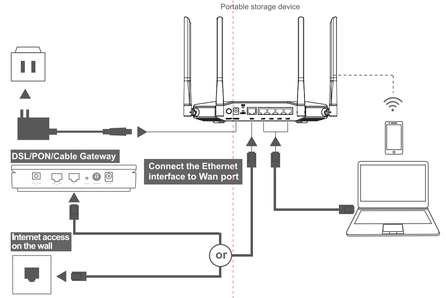
■ 5g restrictive information

Restricted to indoor use, for EU this product can be used in the following countries:

AT	BE	BG	CH	CY	CZ	DE	DK
EE	ES	FI	FR	GB	GR	HR	HU
IE	IS	IT	LI	LT	LU	LV	MT
NL	NO	PL	PT	RO	SE	SK	SI

Operation temperature: 0~40℃
Operation frequency(Max power)
2412MHz-2472MHz(18.5dBm)
5180MHz-5745MHz(20dBm)
5745MHz-5825MHz(14dBm)

■ CONNECTIONS and SETUP STEPS



Step1.Setup connections according to the diagram above.
Step2.Press down the ON/OFF button on the Router. When the Power status LED is ON, the Router is switched on.
Step3.When WAN LED and Internet LED are ON,you can surf the Internet now.Wired clients can be connected directly to LAN ports for Internet access; Wireless clients can use the SSID & password in the bottom shell label to connect to Internet.

■ ADVANCE SETTINGS

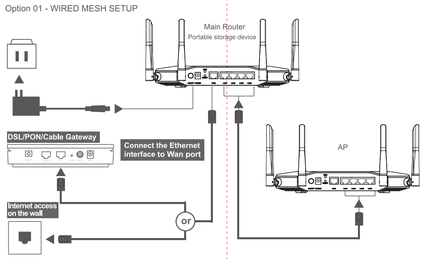
Step1.Set your PC to obtain an IP address automatically.
Step2.Open the web browser and enter http://192.168.XX.XX in the address bar(Management IP address in the bottom shell label).
Step3.Enter the Username and Password in Login web (Username and Password in the bottom shell label) and click Login to access the configuration web.
Step4.You can modify the default Wi-Fi configurations on corresponding page.

■ MESH SETUP STEPS

If you need Wi-Fi expansion, you can buy the same model Routers as Mesh AP.
To optimize wireless performance, place the AP in a location that minimizes the barrier (such as wall, door, and floor) between the Main Router and the AP. We recommend one wall/door/floor between the two devices. You can connect the AP to your Main Router via network cable (preferred method) or wireless connection.

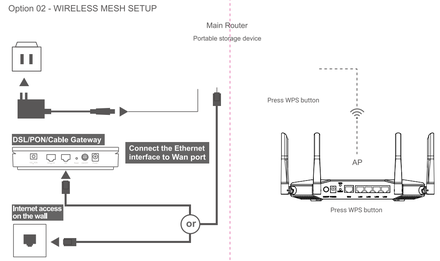
反面

Option 01 - WIRED MESH SETUP



Step1.Setup connections according to the diagram above.
Step2.Press down the ON/OFF button on the AP. When the Power status LED is ON,the AP is switched on.
Step3.At the same time, long press the WPS key of two routers (more than 5 seconds), both routers should start flashing green light, and wait for flashing to complete (about 2 minutes). The LEDs of both routers are always green. Representative networking completed.
Step4.Wireless clients can use the same Wi-Fi SSID and password as the Main Router to connect to Internet.

Option 02 - WIRELESS MESH SETUP



Step1.Place the new AP near the Main Router.Setup connections according to the diagram above.
Step2.Press down the ON/OFF button on the AP. When the Power status LED is ON,the AP is switched on.
Step3.At the same time, long press the WPS key of two routers (more than 5 seconds), both routers should start flashing green light, and wait for flashing to complete (about 2 minutes). The LEDs of both routers are always green. Representative networking completed.
Step4.Wireless clients can use the same Wi-Fi SSID and password as the Main Router to connect to Internet.

■ FAQs

Q1. How to reset the device?

Answer:

When the router is powered on, pushing the"Reset" hole on the bottom of the Router with a needle. The LEDs starts to flash and hold for 10 more seconds.Then release it and the Router will reboot. Wait for about 2 minutes, then the factory default reset is completed.

Q2. If pairing a new AP fails(WPS LED flashes for 2 minutes before stopping),what should I do?

Answer:

Place the new AP near the Main Router.When the LED of the Main Router and the AP is ON,then press the WPS button respectively again and wait patiently.

Q3. Why wired Mesh networking fails?

Answer:

Please check the connection between a LAN port of the Main Router and a LAN port of the AP via a network cable.

Q4. If I want to switch the Mesh connection back to wireless after successful wired networking, what should I do?

Answer:

After the AP is restored to the factory settings, the wireless mesh is started again.

Q5. Mobile phones and other devices can connect to the router but cannot access the Internet. What should I do?

Answer:

01.Check whether the LED is green.The WAN port of the Main Router must be connected to your Broadband Gateway (i.e. DSL/Cable modem, PON gateway) with a network cable.
02.Check whether the LED is normal.Make sure the broadband service is normal and please contract service provider to check.
03.When all above are normal, try reboot the Router and then check the network once it powers back on.

FCC Statement
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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
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 & your body.

备注：
1.材质：128克铜板纸，白色。
2.尺寸：单页80*120mm。
3. 印刷颜色：黑色印刷。
4. 装订/折页方式：风琴折。
5.产品符合ROHS指令。

TOLERANCE(mm)						FLATNESS(mm)		ANGLE	
GRADE	A	B	C	D	E				
0-6	0.05	0.08	0.20	0.30	0.50	0-6	0.05	0-90°	±1
6-18	0.08	0.10	0.30	0.40	0.80	6-18	0.07		
18-50	0.10	0.15	0.40	0.60	1.20	18-50	0.10		
50-180	0.20	0.30	0.80	1.20	1.80	50-180	0.16		
180-500	0.30	0.40	1.00	1.50	3.00	180-500	0.30		
500-1000	0.40	0.50	1.50	2.00	5.00	500-1000	0.50		

V1.0	新出图		
版本	描述	修订	日期

材料	铜板纸	比列	1:1
公差	±C	单位	mm
	纸张 -	日期	
设计	核对	批准	

零件名			
零件编号	-	版本	V1.0
产品	-	页次	1/1