90mm

120mm

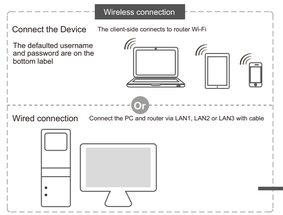
User Guide

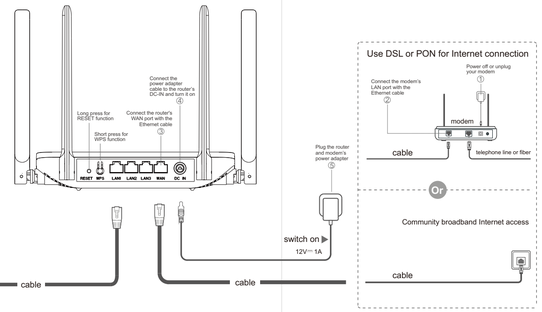
AX1800 Dual Band Wi-Fi 6 Router
H6-X18

1. Connect the Router

1.1 The first step to start configuring your router is to plug it in and then connect a network cable(RJ45) to your WAN port, the other side of network cable (RJ45) must also be connected to your home Modem (xDSL/PON).
1.2 After plugging in the router and connecting it to the Modem, proceed to the next topic, which is the configuration step by step.
1.3 If your internet connection is through an Ethernet cable from the wall instead of through a home Modem (xDSL/PON) , connect the Ethernet cable directly to the router's Internet port.

Schematic Diagram of Router Connection





2. Indicator

Top view

2.4G WiFi LED
Solid green: The WiFi radio is operating.
Off: The WiFi radio is off.

5G WiFi LED
Solid green: The WiFi radio is operating.
Off: The WiFi radio is off.

System LED
Solid RED: System's booting up.
Solid Green: System's normal behavior.

Internet LED
Solid Green: The Internet connection is ready.
Off: No Ethernet cable is connected between the router and the modem.

Ethernet LAN LED
The LED colorindicates the state of the Ethernet connection overthe LAN ports.
Solid green: The router detected link with a powered-on device.
Off: No device is connected to this Ethernet LAN port.

3. Connect Device to the Router

3.1 Wireless

Activate the Wi-Fi on your smartphone or notebook, connect to the router's 2.4GHz or 5GHz network with the SSID provided at the bottom of the router and enter the IP address 192.168.10.1 in any browser;
· Find the SSID and SSID password printed on the label at the bottom of the router.
· Click the network icon of your computer or go to WiFi settings of your smart device, and then select the SSID and input password to join the network.

3.2 Wired

Connect a network cable(RJ45) to the LAN port of the router and the other side of network cable(RJ45) connect to a notebook or desktop and enter the IP address 192.168.10.1 in the browser. Remember to turn o ffthe device's Wi-Fi before performing this step.

4. Configure your router via Web

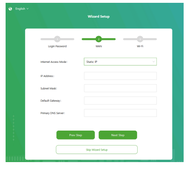
·Open the mobile phone or computer browser, visit the 192.168.10.1 website, enter the default **Username** and **Password** on the label at the bottom of the router, then you can enter the router management page.
·When the router is configured for the first time, it will automatically enter the **Install** page (setup wizard).
·Select **WAN Access Type** , normally " **DHCP** "
·Create a **password** for each Wi-Fi band (2.4GHz and 5GHz) and if you want, change the **SSID** (2.4GHz and 5GHz) to your preference name.
·Save the configuration , enjoy the Internet.

Notice: For the WAN Access Type depend on ISP , you can consult the ISP for confirmation.

5. WAN Access Type

5.1 DHCP: For Cable/DSL/Broadband connection which makes your computer immediately online without any setting or signing-in.

5.2 Static IP: You are provided with specified IP parameters by your ISP.



5.3 PPPOE: Usually for ADSL Modem and you are provided with a PPPoE username and password by your ISP.

6. Troubleshooting

Q1. What should I do if I can't access the web management page?
• Reboot your router and try again.
• If the computer is set to a static IP, change its settings to obtain an IP address automatically.
• Verify that http://192.168.10.1 is correctly entered in the web browser.
• Use another web browser and try again.
• Disable and enable the network adapter in use.

Q2. What should I do if I can't access the internet?
• Power off your modem for about 5 minutes, then power it on and check the internet. If your modem has more than one Ethernet port, keep other ports unconnected.
• Check if the internet is working normally by connecting a computer directly to the modem via an Ethernet cable. If it is not, contact your internet service provider.

Q3. What should I do if I forget my wireless password?
• If you have not changed the default wireless password, it can be found on the label at the bottom of the router.
• Connect a computer directly to the router using an Ethernet cable. Log in to the router's web management page at http://192.168.10.1, and go to the Wireless page to retrieve or reset your wireless password.

Q4. What should I do if I forget my web management page password?
•press and hold the Reset button on the back for about 8 seconds until the System LED off. wait the system LED turn to green,Then visit http://192.168.10.1 to create a new login password.

Q5. How should I position my router for optimal Wi-Fi performance?
• Don't place your router in a corner or in a closet.
• Avoid obstacles and high-powered appliances.
• Keep your router in a central location at a certain height.
• Keep the antennas vertical when the router is placed on a desktop.
• Keep the antennas upright when the router is hanging on a wall.

7. FCC Warning Statement

·FCC Radiation Exposure Statement: The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.
·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 o ffand 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.

QUALIFIED CERTIFICATE
QC PASS

Hazardous Substances Table

Part Name	Hazardous Substances or element									
	Pb	Hg	Cd	Cr(VI)	Br	PBBs	PBDEs	DBP	BBP	DEHP
PCBA	X	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)

X: 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.

NOTE

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· Keep the device away from water, fire, humidity or hot environments.
· Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
· Do not use any other chargers than those recommended.
· Do not use damaged charger or USB cable to charge the device.
· Do not use the device where wireless devices are not allowed.
· Adapter shall be installed near the equipment and shall be easily accessible.

Product images in the document are for reference only, subject to physical appearance.
Product specifications and information mentioned in this manual are for reference on subject to updates without notice. Unless there are other special agreed, this manual is used only as a user guide.All statements, information, etc. are not constitute any form of guarantee.
Maximum wireless signal rate derived from IEEE 802.11ax specifications. Actual data throughput and wireless coverage will vary and be lowered by network, your country's regulation, and environmental conditions, including network traffic volume, device limitations, and building construction. Micronet Union makes no representations or warranties about this product's compatibility with future standards. To achieve maximum wireless/wired speed requires devices that use the latest wireless/wired standards and support maximum speeds.

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