Google Fiber
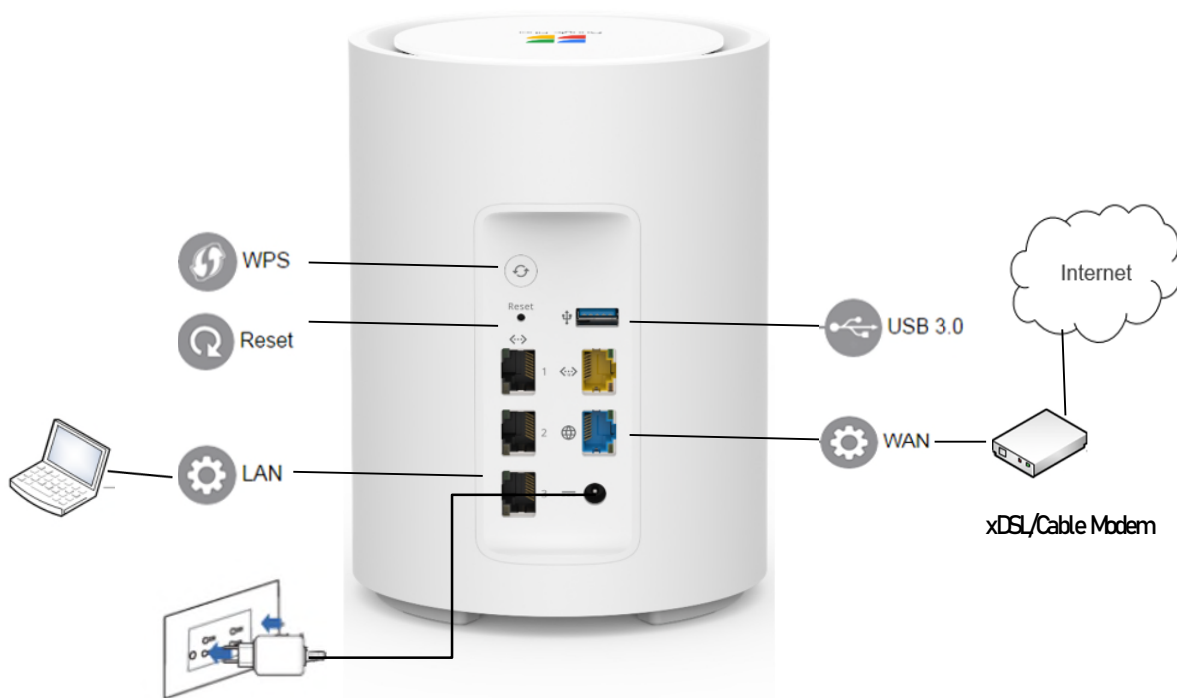
Wi-Fi 6E Router

(RT5035W)

Quick User Guide

1. Router Setup

1. Insert your RT5035W's AC adapter to the DC-IN port and plug it to a power outlet.

2. Using a network cable to connect your computer with the RT5035W's LAN port.

3. Connect another Ethernet cable from broadband Modem such as cable Modem or xDSL/Cable Modem to

   RT5035W's Internet (WAN) port.

4. Configure RT5035W to access the Internet via Web GUI.
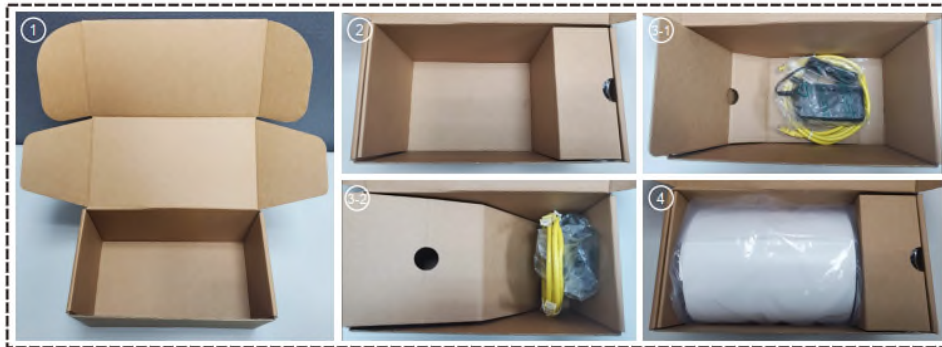
2. LED

Function	LED Behavior	Device Status
Power	Blink green	Device booting
	Solid green	Power on, everything working
	Blink red until bootup process starts, then "Device booting" state (blink green)	Factory reset
	Solid Red	Hardware failure
	Blink green	Firmware upgrade in progress
	Off	Power off

Function	LED Behavior	Device Status
Internet	Solid red	WAN Link down (WAN cable unplugged/ethernet link down)
	Solid red	DHCP discover failed (after 1 minute timeout)
	Solid green	Registered with ACS
	Solid Red	Failure to register with ACS
Wi-Fi	Solid yellow	Wi-Fi disabled by user
	Blink green	2.4Ghz only up [expected state during DFS scan]
	Solid green	All frequencies up
	Solid Red	Wi-Fi problem

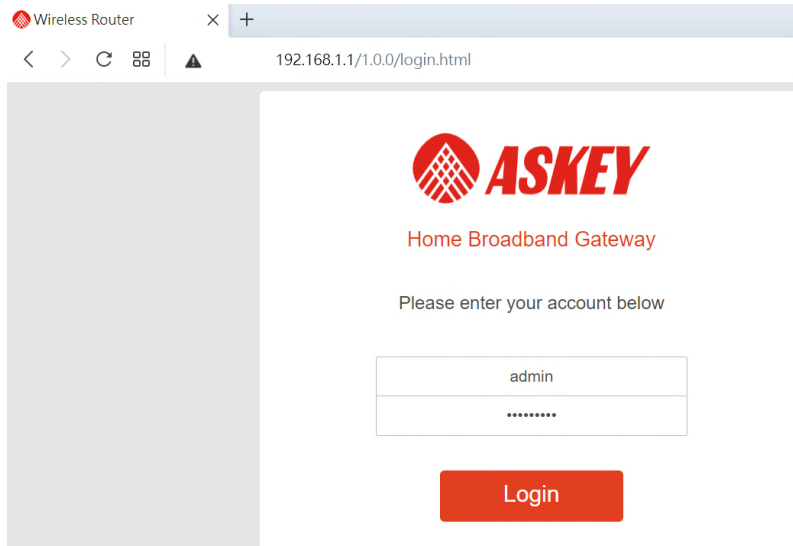| Function	LED Behavior		Device Status
WPS (doubles as a button)	Off		Mesh network not configured
	Off		Waiting to be paired (Currently unconfigured; user action needed)
	Blink white		WPS pairing in progress
	Solid green		Pairing successful
	Off		Mesh network expected extender disconnected
	Solid red for 15 seconds, then back to "Waiting to be paired" state		WPS pairing failed

3. Package .

1. **One RT5035W .**
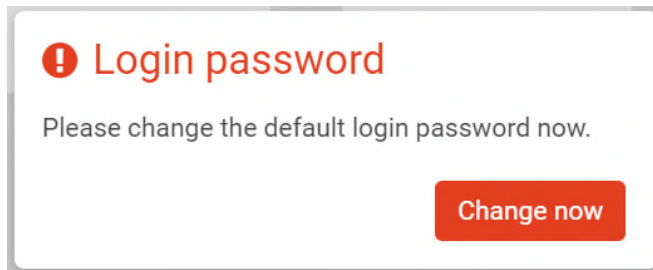2. **One Adapter 12.5V .**
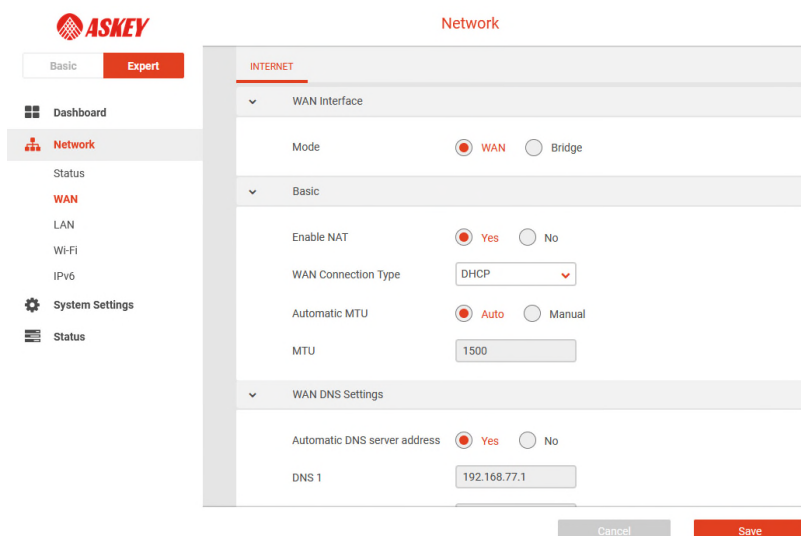3. **One Ethernet Cable.**

4. Quick Internet and WiFi Setup

1. On your web browser, manually key in the RT5035W's default IP address: https://192.168.1.1.

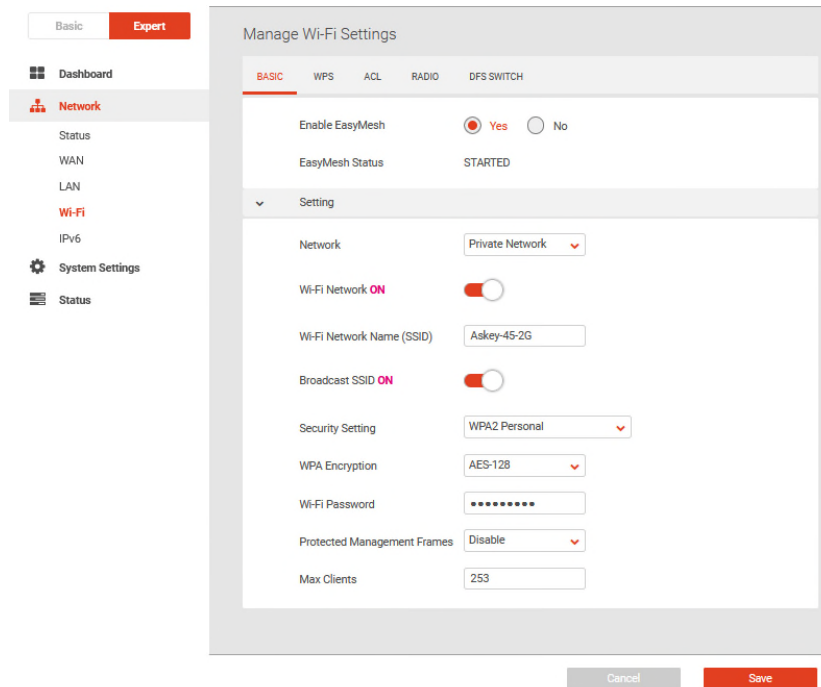2. Enter the default username (admin) and password (admin@123).

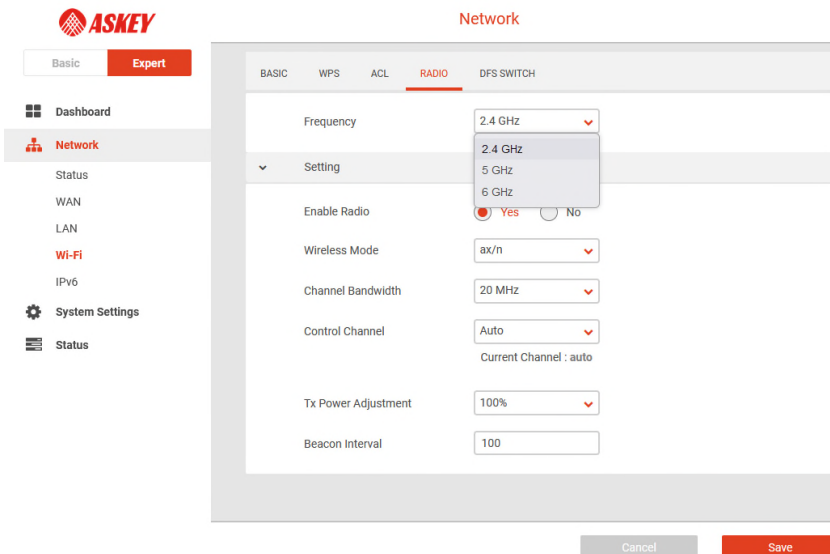3. Click Change now to change the default login password .

4. Log into the Web GUI and Click on "Expert / Network / WAN ". Select WAN Connection Type , Dynamic IP, PPPoE, PPTP, L2TP or Static IP. Key in the necessary information for your ISP connection type to configure your RT5035W to connect to the Internet. Click Save .

5. Click on "Expert / Network / WiFi /Basic ". Turn on WiFi Network and Enable EasyMesh then assign the wireless network name (SSID) and security key for your 2.4GHz and 5 GHz and 6 GHz wireless connection. Click Save when done .
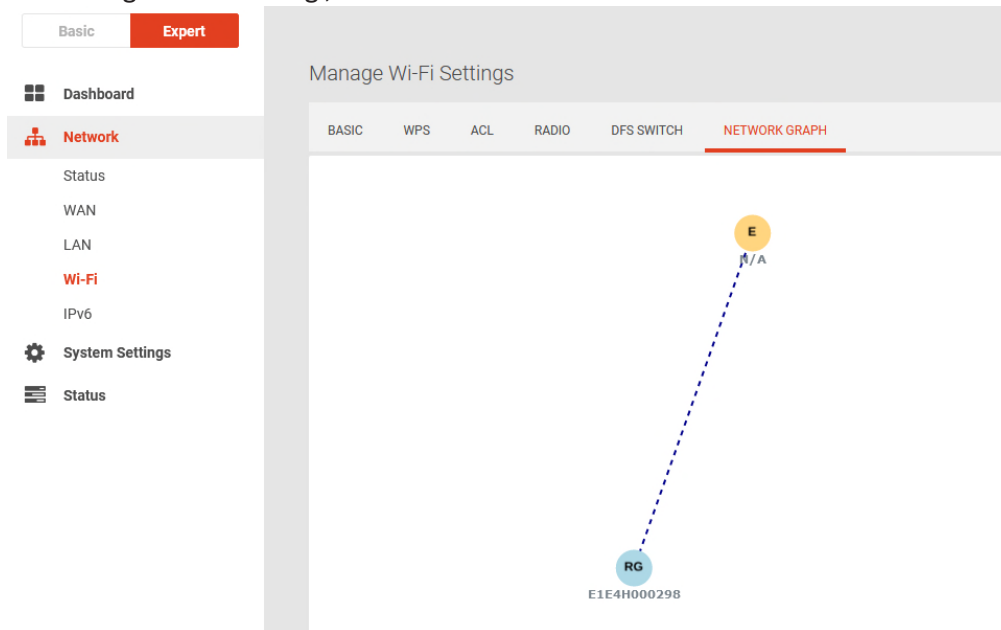

6. Click on "Expert / Network / WiFi Radio". Select the wireless Mode , Band Width and Control Channel for your 2.4GHz and 5 GHz and 6 GHz wireless connection. Click Save when done .
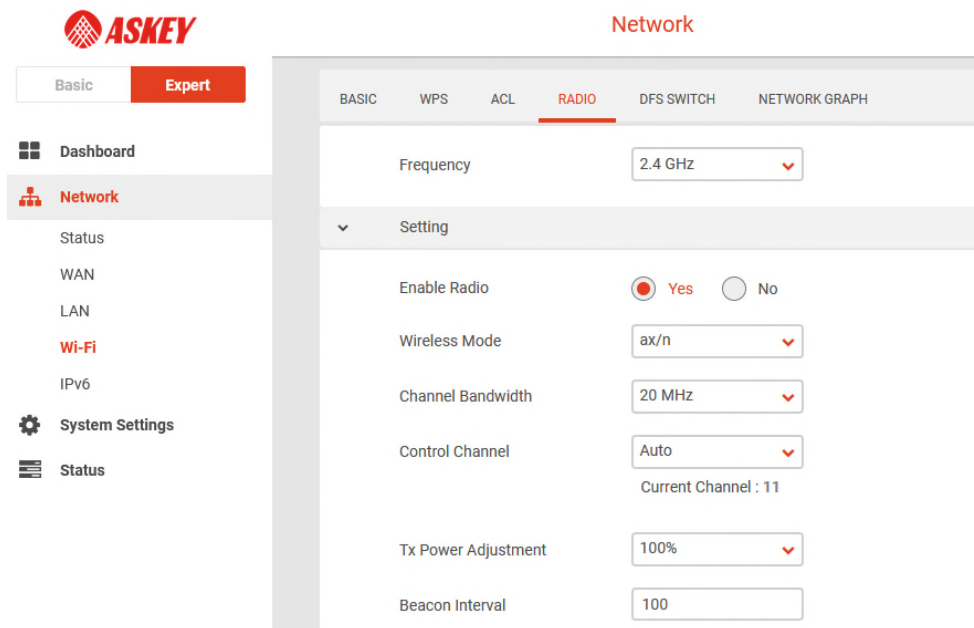
7. WPS paring , By click RT5035W's and AP5692W's WPS button . Waiting for 2 minutes .
   Wait AP5692W connected to RT5035W by Mesh .

8. Manage Mesh Setting , click Network Wi-Fi NETWORK GRAPH . Check Mesh is connected .

9. Wi-Fi Radio , Change Wi-Fi radio 2.4GHz , 5GHz , 6GHz mode , bandwidth , Channel ..

10. DFS Switch , Enable or Disable DFS channel .

11. DHCP , click DHCP LEASE , Check Status .

12. Status wireless . Check Wi-Fi Client Status .

13. Login AP5692W WEB GUI , Enter default admin and admin@1234

GE6E210A

Login

admin

●●●●●●●●●●

→ Login

14. Check RE wifi information .

ASKEY

Firmware Version   v0.0.3-D
Build   D_230602-429

System Time: Tue Aug 01 2023 01: 51: 03
System Has Been Up for: 03 days, 16 hours, 35 mins.

General
  Wireless
Advanced Settings

Connection Status

Internet
Status: Connected
IPv4 Address: 192.168.1.129
IPv6 Address: No IP Address

WiFi
2.4 GHz Status: Disabled
5 GHz Status: Disabled
6 GHz Status: Disabled

Network Name (SSID):
WiFi (2.4GHZ) Name:
Network Key: Show
WiFi (5GHZ) Name:
Network Key: Show
WiFi (6GHZ) Name:
Network Key: Show

Connected Devices
Number of Devices: 2

15. About wireless . Check wireless .

ASKEY

Firmware Version   v0.0.3-D
Build   D_230602-429

System Time: Wed Aug 02 2023 01: 54: 30
System Has Been Up for: 0 day, 18 hours, 59 mins.

General

Advanced Settings
  Wireless
    Guest Network Setting
  Administration
  Statistics
  About

2.4 GHz WiFi Network

2.4 GHz WiFi Network   ☐ Enable

5 GHz WiFi Network

5 GHz WiFi Network   ☐ Enable

6 GHz WiFi Network

6 GHz WiFi Network   ☐ Enable

☑ Apply   ☒ Cancel

16. Statistics , check TX and RX packets .

System Time: Wed Aug 02 2023 01: 55: 30
System Has Been Up for: 0 day, 19 hours, 0 min.

General

Advanced Settings
  Wireless
  Administration
  Statistics
  About

Packet Statistics

Interface	Transmit		Receive		
	Packets	Errs	Packets	Errs	
LAN Port 1	0	0	0	0	0
LAN Port 2	0	0	0	0	0
2.4G	600683	23	556019	9	0
5G	0	0	0	0	0
6G	0	0	0	0	0

↻ Refresh

17. Status .

5. Firmware upgrade

1. Click on "Expert / System Settings / Firmware ". Click Select File then select firmware file from your PC or NB then click Upgrade .

6. Regulatory Compliance Notices

Class B 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:

僭 Reorient or relocate the receiving antenna.

僭 Increase the separation between the equipment and receiver.

僭 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

僭 Consult the dealer or an experienced radio/TV technician for help.

FCC 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 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.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems. This device is restricted for indoor use.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

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.

This product is intended to be supplied by a UL Listed Power Adapter or DC power source marked `L.P.S' or `Limited Power Source', rated 12Vdc, 3.5 A and Tma 40°C (min.). If you require further assistance, please contact your Askey Computer Corp representative.