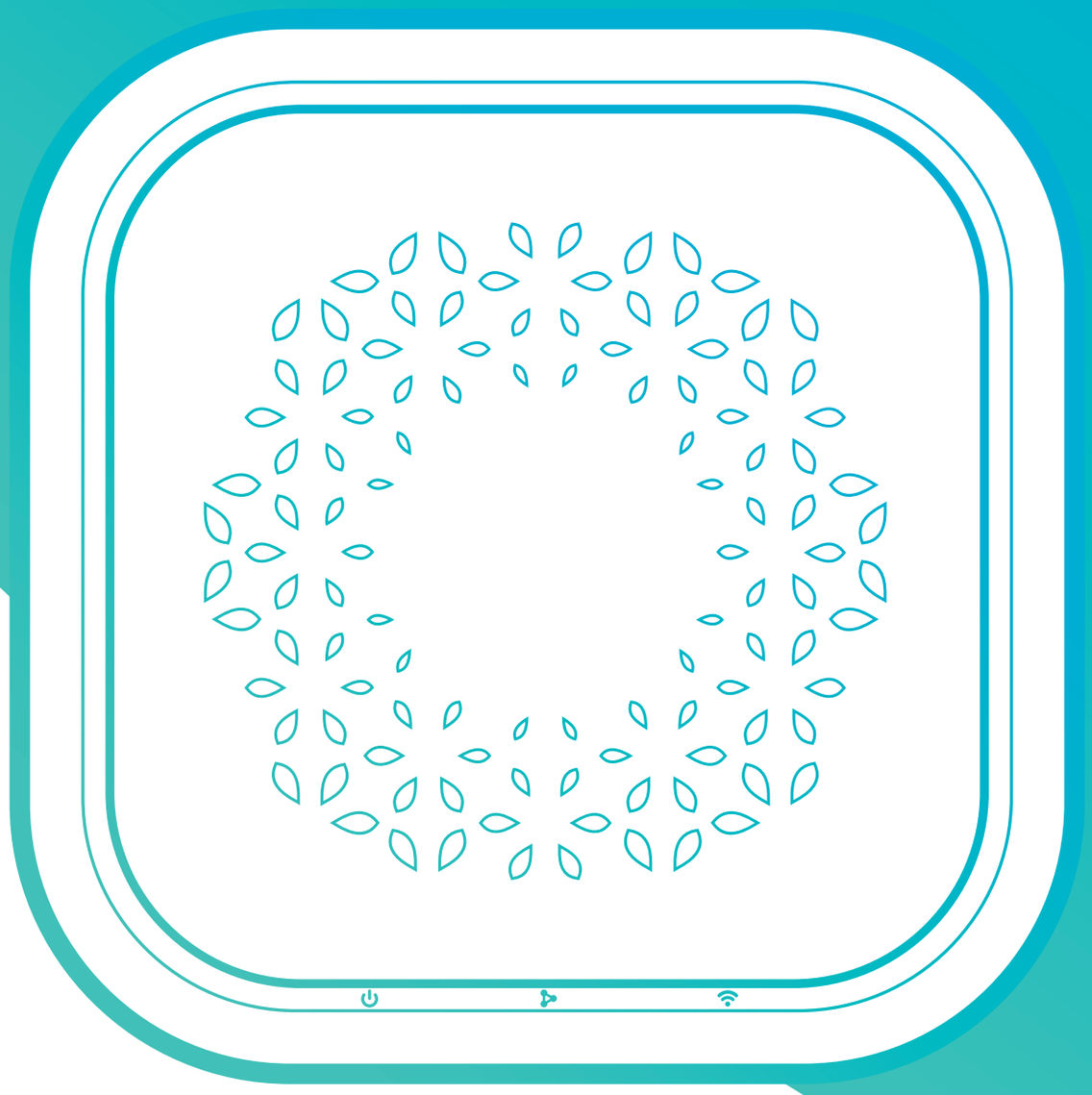


GL·iNet

HOME AC ROUTER

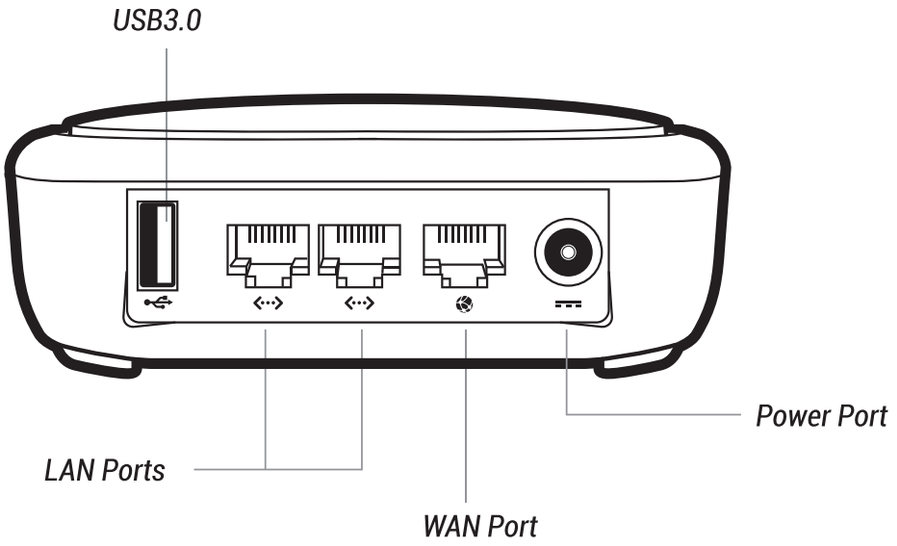
GL-B1300 USER GUIDE

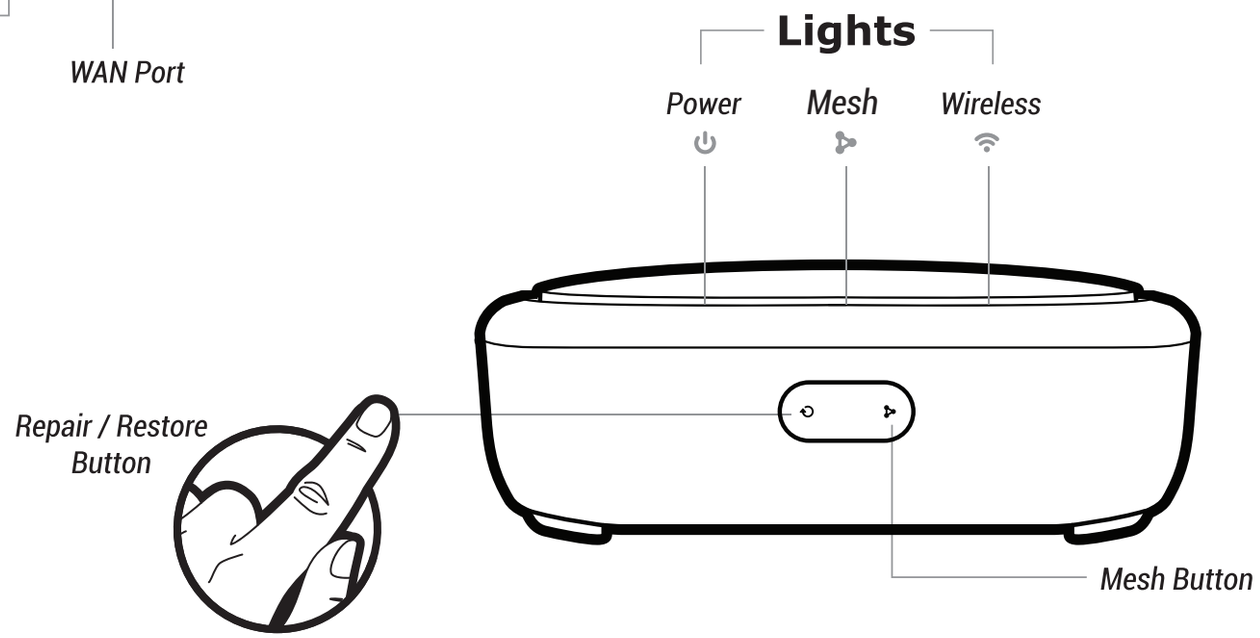
ver. 20171218.1

1 HARDWARE

Package Contents

- GL-B1300 AC router
- Ethernet cable
- 12V/1.5A power adapter
- User guide





Repair / Reset

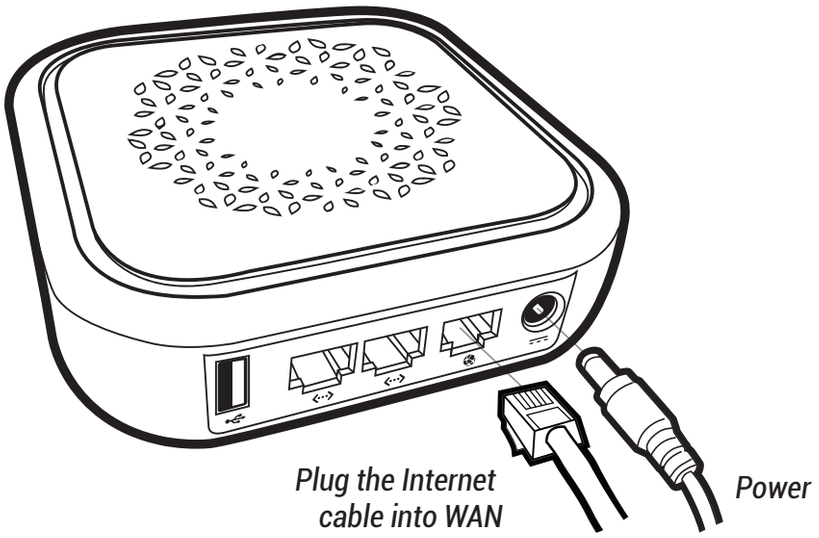
If you cannot access the web-based setup page or cannot connect to the router, you can press the ***Reset*** button:

1. Press and hold for ***3 seconds*** then release to repair your network.
2. Press and hold for ***10 seconds*** then release to reset the router to factory settings. All user data will be cleared.

2 FIRST-TIME SETTINGS

1 Plug in power & Internet cable

When powered up, your router will broadcast a Wi-Fi signal with the SSID: ***GL-XXXXX-xxx***.



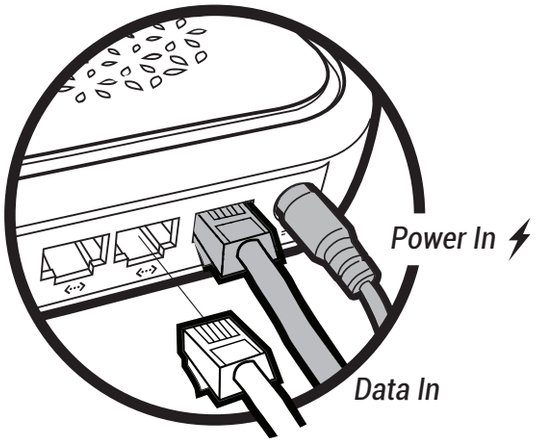
2 Connect via Wi-Fi

The default Wi-Fi password is ***goodlife***, and it is also printed on the bottom of the router.

Search the SSID and connect to it

*Default password is **goodlife***

or Connect via LAN



Plug the cable connecting your computer into LAN

3 Set up the router

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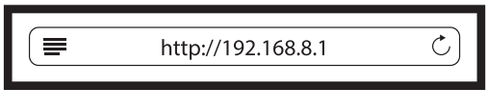

Access the above address using your browser

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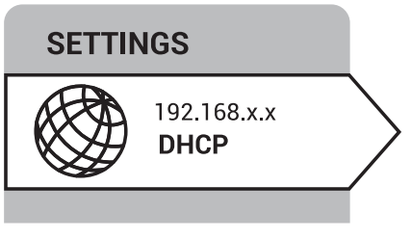

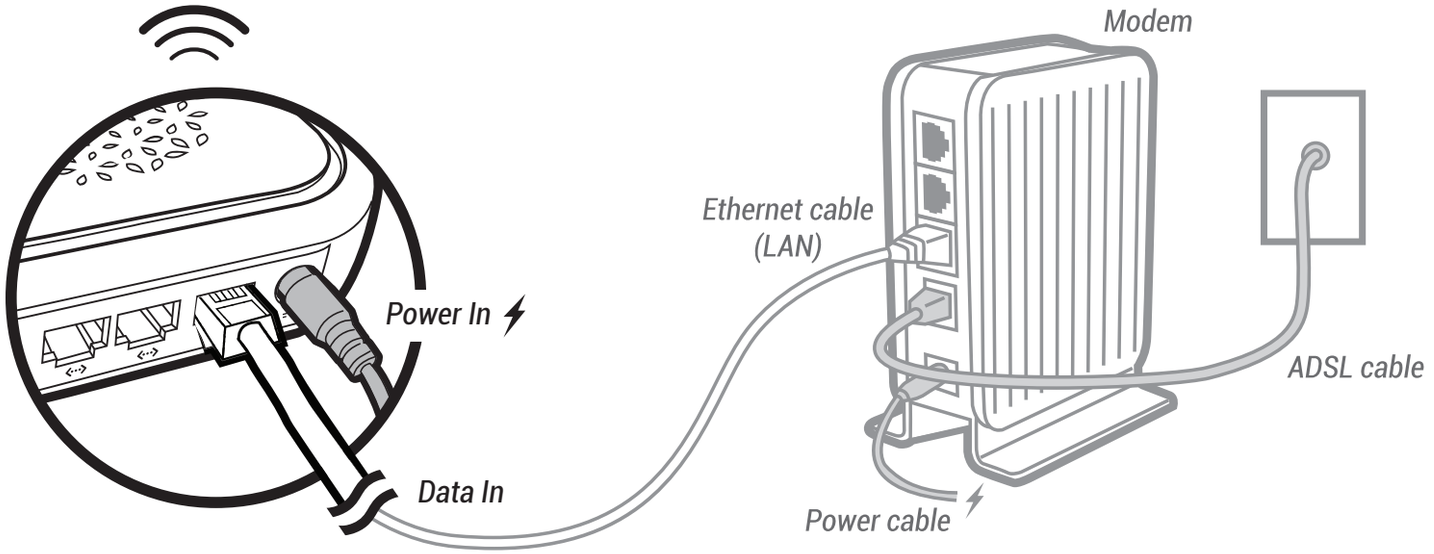

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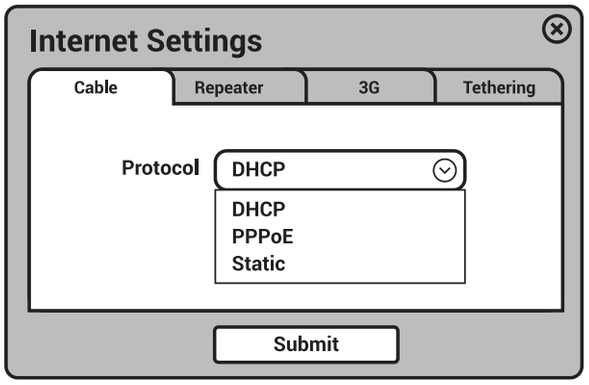

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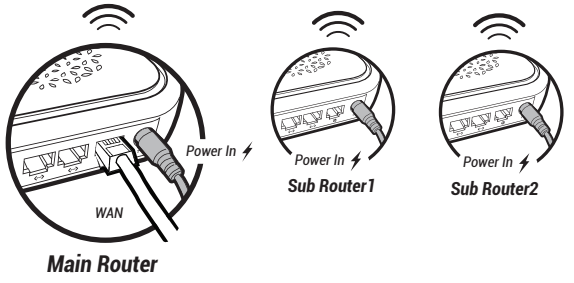

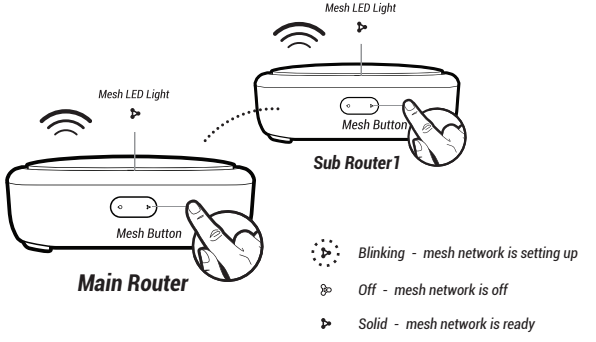

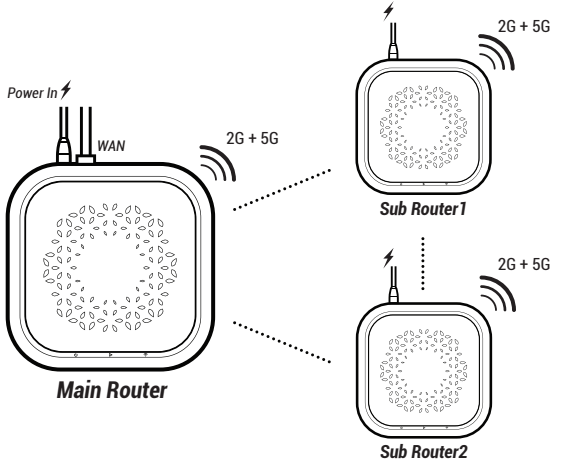

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Find the ***Wireless Settings*** icon, then click the ***Setting*** button. The ***Wireless Settings*** window will pop up.

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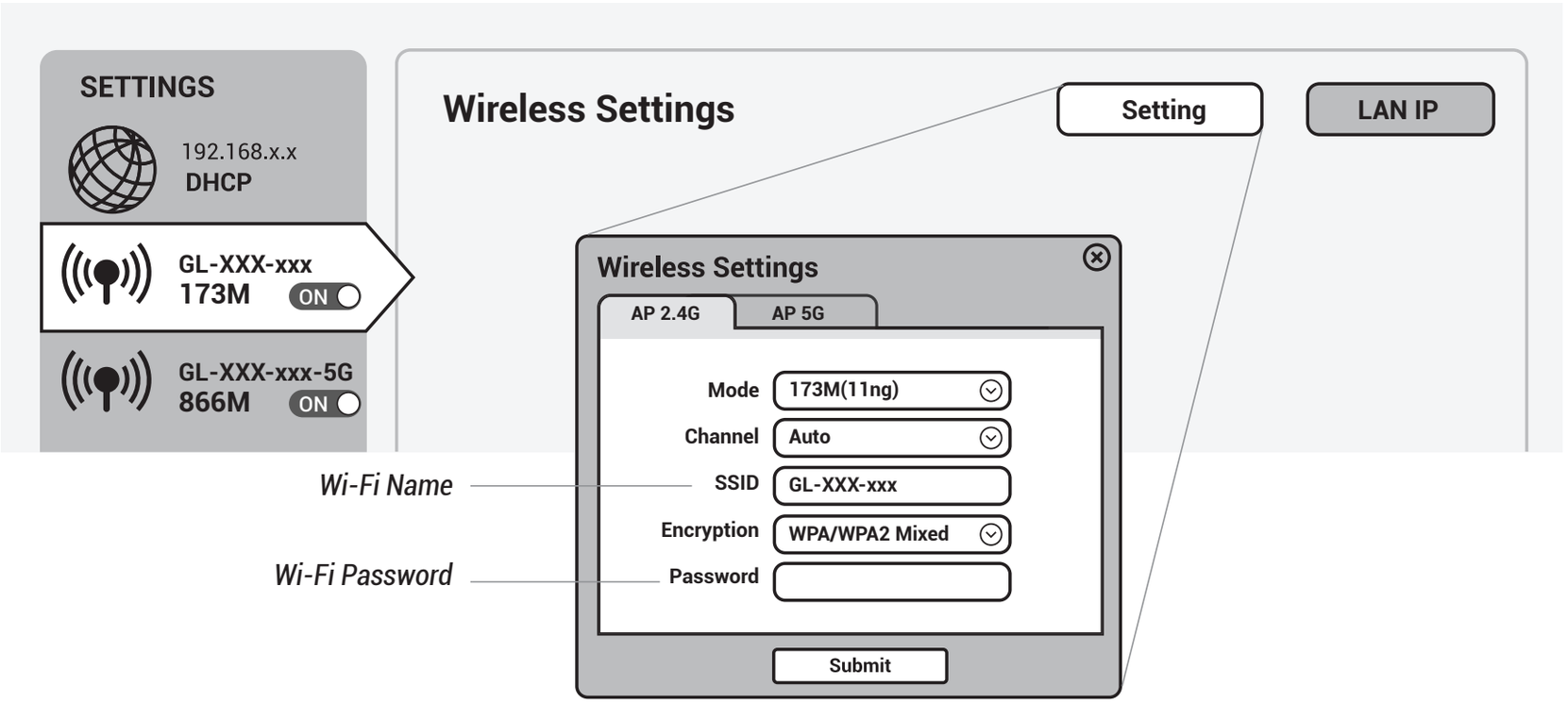

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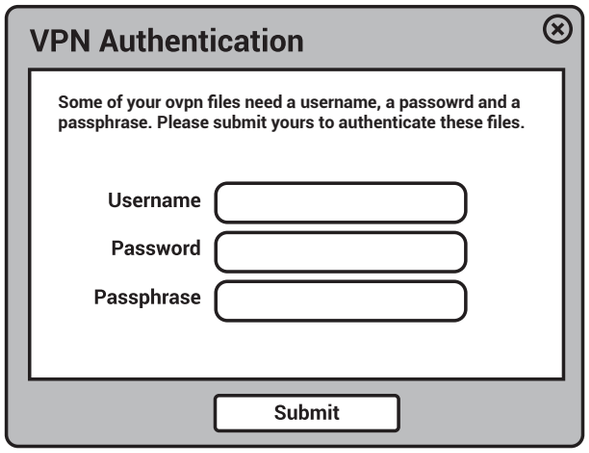
This router supports OpenVPN client. Using OpenVPN will slow down your Internet speed because of data encryption.

Click the ***OpenVPN*** icon and go to the VPN setting page. The first time it will ask you to upload your OpenVPN client configuration (ovpn files). Usually, you can download it from your OpenVPN service provider's website or console. Consult your service provider for more details.

1 Upload OpenVPN configurations

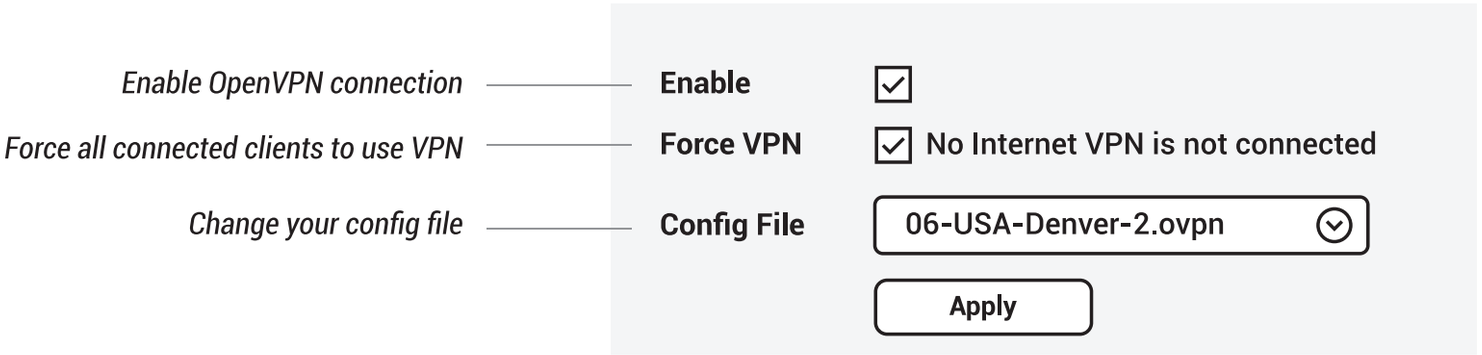


After uploading the ovpn files, the router will check them. If you are prompted for a username and password, or a private key passphrase, or both, a window for ***VPN Authentication*** will pop up so that you can ***Submit*** these information for all files you upload.

This may not be necessary for some service providers.

2 Connect to OpenVPN

Now you can choose from a list of configurations and apply your choice to connect as OpenVPN client.



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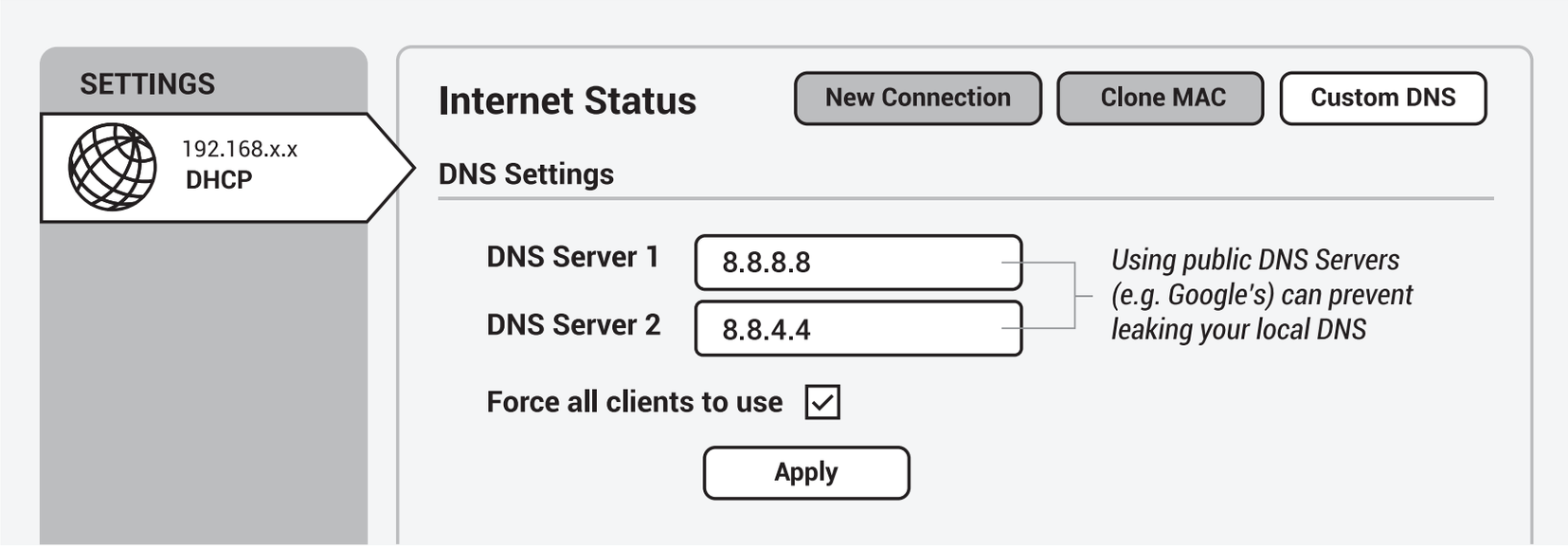

To get more detailed instructions or information about compatible VPN service providers, please visit ***http://gl-inet.com/docs/***

7 DIY GUIDANCE

OpenWrt Firmware

Our firmware is developed based on OpenWrt and you can download all the firmwares from our website: ***www.gl-inet.com/firmware***. Find the available firmwares from the folder according to your device model, and they are located in different sub-folders:

- ***v1*** folder contains release versions. It should be the default firmware shipped with the router.
- ***clean*** folder contains clean versions of OpenWrt firmware, with ***Luci*** software only. By default, Wi-Fi is disabled and you need to enable it in ***Luci***.
- ***tor*** folder contains Tor firmware for the device.

DDWRT Firmware

DDWRT official firmware is not available for GL.iNet models except for GL-AR150 mini router. For further information, please visit ***https://www.dd-wrt.com***

Tor Firmware

Each model has its own Tor firmware which you need to flash to the router. It is quite easy and you can refer to our online tutorial at ***www.gl-inet.com/docs/openwrt/tor/***

Compile Your Own Firmware

If you have sufficient technical skills, you can compile your own firmware and flash to the router. Please refer to our online docs at ***github.com/domino-team/openwrt-cc***

Uboot Failsafe

If you flash the wrong firmware, you would brick your router. But you still can recover it by using uboot failsafe. Please refer to the guide at ***www.gl-inet.com/docs/diy/uboot/***

Using above DIY features might have a risk of bricking your router. We have no obligation to provide support, maintenance, upgrades, modifications, or new releases on DIY features. We reserve the rights of interpretation on above DIY contents without further announcement.

8 SUPPORT

Warranty

- Each router has ***one-year warranty.*** Accessories have ***three-month warranty.***
- Please use standard power adapter, 12V / 1.5A.
- Any damage to the router caused by not following the instructions will render this warranty null and void.
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- Issues caused by the use of third-party firmware may not get official support from us.
- Any damage to the router caused by inappropriate use, e.g. inappropriate voltage input, high temperature, dropping in the water or on the ground will render this warranty null and void.
- Pictures on the instructions are only for reference. We reserve the right to change or modify these materials without further notice.

Technical Supports & General Enquiry

- For more detailed and updated instructions, please visit our website ***www.gl-inet.com/docs.***
- For further questions, you can get help from the following ways:
    1. Send us an email at ***service@gl-inet.com***
    2. Open a ticket at ***www.gl-inet.com/tickets***
    3. Ask in our forum ***www.gl-inet.com/forums***
    4. Ask in other forums e.g. ***OpenWrt, LEDE or other professional websites***

- ***Hong Kong Office***

    GL Technologies (Hong Kong) Limited
    210D Enterprise Place, 5W Science Park, Hong Kong

- ***Shenzhen Office***

    深圳市广联智通科技有限公司
    深圳市宝安区石岩街道松白路创维数码大厦305-306室 (+86-0755-86606126)

http://www.gl-inet.com/docs

FCC ID: 2AFIW-B1300

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

Note 1: 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 articular 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 Equipment named above is confirmed to comply with the requirements setout in the European Council Directive on the Approximation of the Laws of the Member States relating to RED (2014/53/EU) and RoHS (2011/65/EU). The equipment passed the test which was performed according to the following European standards:

EN 300 328 V2.1.1; EN 301 893 V2.1.0; EN 300 440 V2.1.1
EN 301 489-1 V2.1.1; EN 301 489-17 V3.1.1
IEC/EN 62368-1:2014 (Second Edition)
IEC/EN 60065:2014 (Eighth Edition)
EN 60950-1:2006 (Second Edition) + A1:2010 + A2:2013
This product uses WiFi
2.4GHz Operating Frequency is 2400~2483.5MHz; 5GHz Operating Frequency is 5150 ~ 5250MHz and 5725 ~ 5850MHz;
RF Exposure: The highest measured 1g (simultaneous transmission)
Manufacturer: GL Technologies (Hong Kong) Limited, Unit 210D, 2/F, Enterprise Place Hong Kong Science Park, Shatin, Hong Kong
Shenzhen Guanglianzhitong Tech Co., Ltd. Room 305-306, Skyworth Digital Bldg., Songbai Rd., Bao'an, Shenzhen, China

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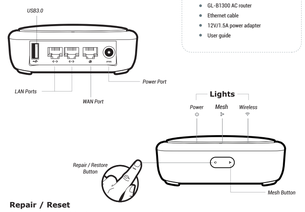
RoHS COMPLIANT

CPU	Atheros IPQ4028 Quad-core ARM, @717MHz
Memory / Storage	DDR3L 256MB / FLASH 32MB
Frequency	2.4GHz + 5GHz
Transmission Rate	400Mbps (2.4G) + 867Mbps (5G)
Max Tx Power	20dBm
Protocol	IEEE 802.11 a/b/g/n/ac
Ethernet Type	10/100/1000M
Power Input	12V ⎓ 1.5A
Power Consumption	< 7W
Dimension / Weight	116*116*37mm / 270g
Interface	1WAN, 2LAN, 1USB3.0, 2buttons
Working Temperature	0 - 45°C (32 - 113°F)

1 HARDWARE



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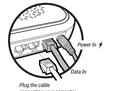
When powered up, your router will broadcast a Wi-Fi signal with the SSID: **GL-XXXXX-xxx**.

2 Connect via Wi-Fi

The default Wi-Fi password is **goodlife**, and it is also printed on the bottom of the router.

or Connect via LAN



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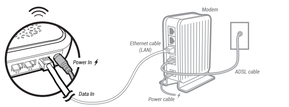

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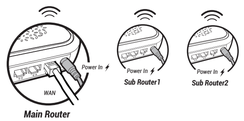

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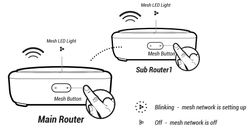

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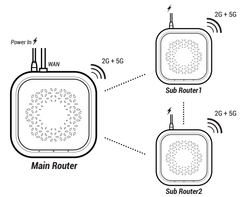

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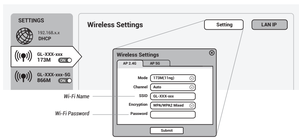

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  4. Ask in other forums e.g. **OpenWrt, LEDE or other professional websites**
- ***Hong Kong Office***

  GL Technologies (Hong Kong) Limited
  2108 Enterprise Place, SW Science Park, Hong Kong
- ***Shenzhen Office***

  深圳市广联智通科技有限公司
  深圳市宝安区石岩街道松白路创维数码大厦305-306室 (+86-0755-86606126)

http://www.gl-inet.com/docs

FCC ID: 2AFIW-B1300

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note 1: 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 articular 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 Equipment named above is confirmed to comply with the requirements setout in the European Council Directive on the Approximation of the Laws of the Member States relating to RED (2014/53/EU) and RoHS (2011/65/EU). The equipment passed the test which was performed according to the following European standards:
EN 300 328 V2.1.1; EN 301 893 V2.1.0; EN 300 440 V2.1.1
EN 301 489-1 V2.1.1; EN 301 489-17 V3.1.1
IEC/EN 62368-1:2014 (Second Edition)
IEC/EN 60950:2014 (Eighth Edition)
EN 60950-1:2006 (Second Edition) + A1:2010 + A2:2013
This product uses WiFi
2.4GHz Operating Frequency is 2400~2483.5MHz; 5GHz Operating Frequency is 5150 ~ 5250MHz and 5725 ~ 5850MHz;
RF Exposure: The highest measured 1g (simultaneous transmission)
Manufacturer: GL Technologies (Hong Kong) Limited, Unit 2100, 2/F, Enterprise Place Hong Kong Science Park, Shatin, Hong Kong
Shenzhen Guanglianzhixiong Tech Co., Ltd. Room 305-306, Skyworth Digital Bldg., Songbai Rd., Bao'an, Shenzhen, China

CPU	Atheros IPQ4028 Quad-core ARM, @717MHz
Memory / Storage	DDR3L 256MB / FLASH 32MB
Frequency	2.4GHz + 5GHz
Transmission Rate	400Mbps (2.4G) + 867Mbps (5G)
Max Tx Power	20dBm
Ethernet Type	IEEE 802.11 a/b/g/n/ac
Power Input	10/100/1000M
Power Consumption	12V ⎓ 1.5A
Dimension / Weight	< 7W
Interface	116×116×37mm / 270g
Working Temperature	1WAN, 2LAN, 1USB3.0, 2buttons
	0 - 45°C (32 - 113°F)

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HOME AC ROUTER
GL-B1300 USER GUIDE

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