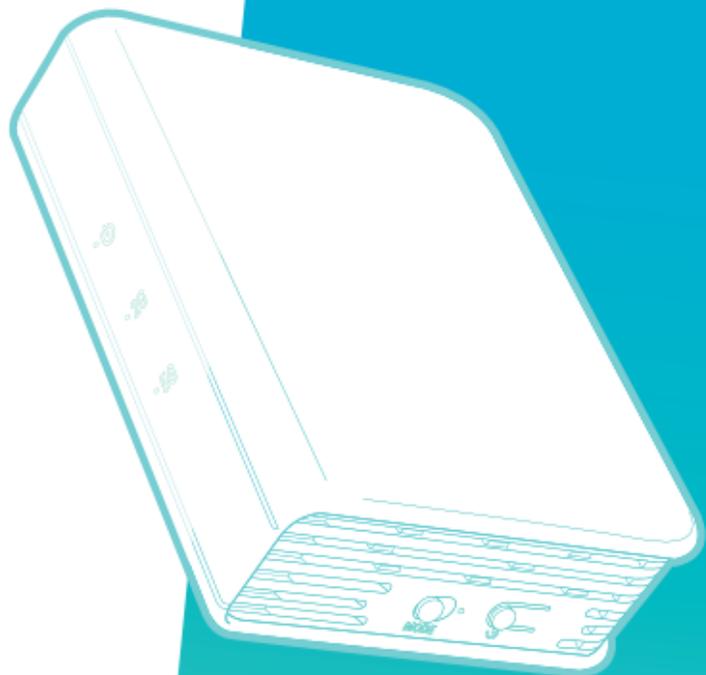## Package Contents

- GL-AR750 AC router
- Ethernet cable and USB power cable
- 5V/2A power adpater
- User guide

GL·iNet
AC TRAVEL ROUTER
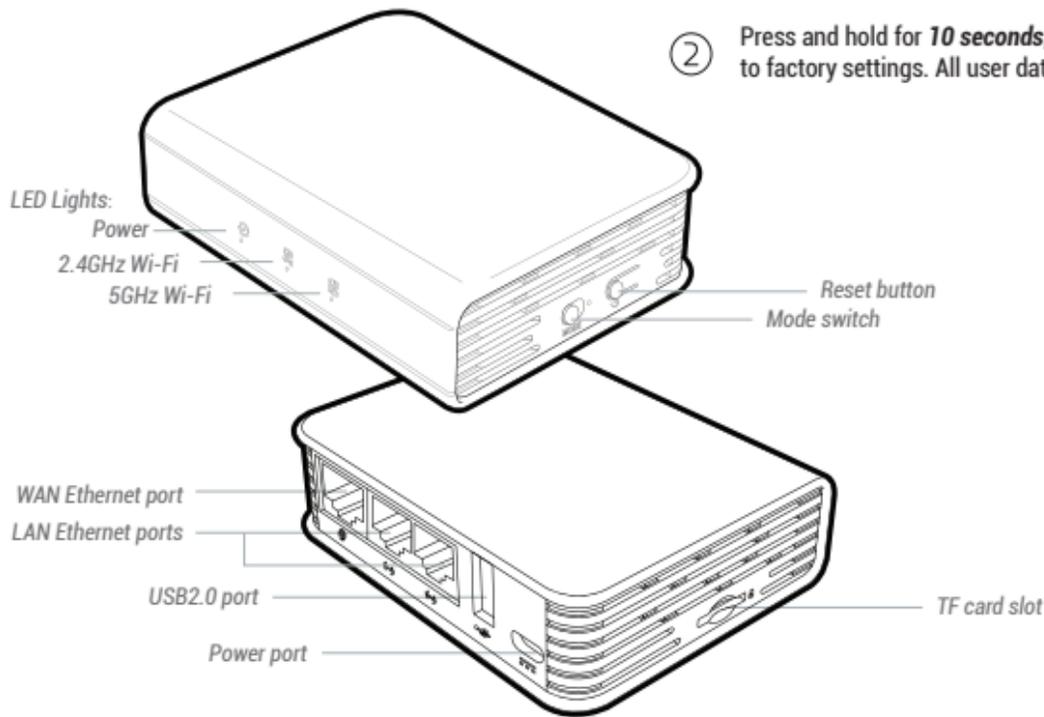## GL-AR750 USER GUIDE

ver. 20171106.1

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*, and then release to repair your network.

2. Press and hold for *10 seconds*, and then release to reset the router to factory settings. All user data will be cleared.

LED Lights:
Power
2.4GHz Wi-Fi
5GHz Wi-Fi

Reset button
Mode switch

WAN Ethernet port
LAN Ethernet ports

*USB2.0 port*
Power port

TF card slot

1 Insert TF Card & Power On

When powered up, your GL-AR750 router will broadcast two Wi-Fi signals with the SSID: *GL-AR750-xxx* and *GL-AR750-xxx-5G*.

TF Card / MicroSD Card (Optional)

After Inserting card, plug in power cable
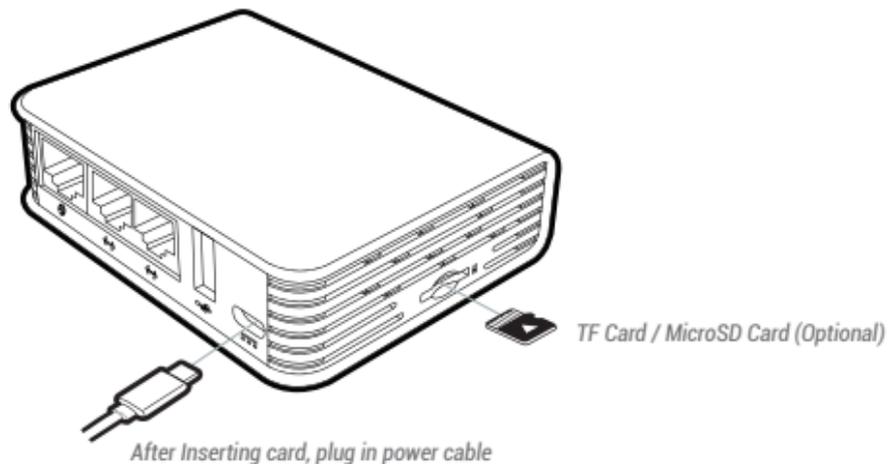
⚠ *Hot plug for TF card is not supported for this router.*

2 Connect via Wi-Fi

Connect to the 2GHz Wi-Fi called *GL-AR750-xxx* , and input the default Wi-Fi password *goodlife,* which is also printed on the bottom of the router.
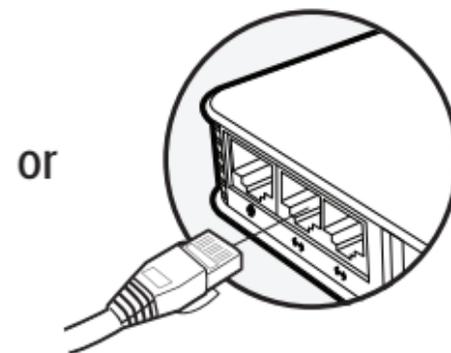
Wi-Fi	⬤
✓ GL-AR750-xxx	🔒 📶
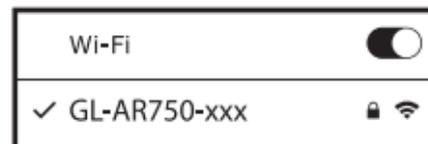
Search the SSID and connect to it

Password	●●●●●●●●

Default password is goodlife

or Connect via LAN

or

Plug the cable connecting to your computer into LAN port

3 Set up Router

Visit *http://192.168.8.1* in your browser to set up your router; start by choosing your preferred language.

☰	http://192.168.8.1	↻
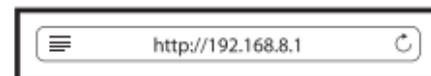
After you have set up your router, you will see the main web interface. Find the *Internet Settings* icon, then click the *New Connection* button. The *Internet Settings* window will pop up showing four types of connection methods: *Cable*, *Repeater*, *3G/4G modem* and *Tethering*.
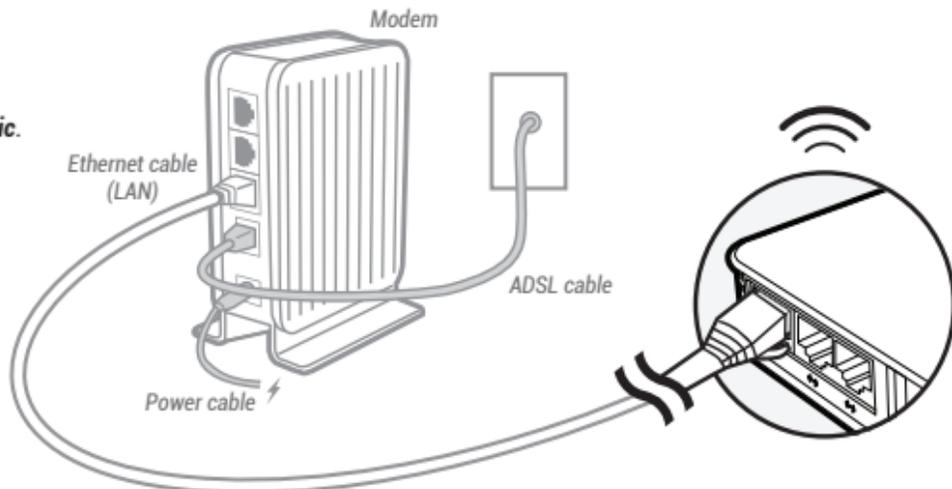
SETTINGS

192.168.x.x
DHCP

(A) Cable (WAN)

DHCP/Static

The default protocol is *DHCP*. If your network needs a static setting, you can change it to *Static*.

PPPoE

Change to *PPPoE* protocol when you need to apply username and password provided by your Internet service provider.

Modem

Ethernet cable (LAN)

ADSL cable

Power cable

B Repeater

FREE
Wi Fi

Using *Repeater* means connecting your mini router to another existing wireless network, e.g. when you are using Wi-Fi in hotels or other public locations.

Choose *Repeater* mode in your *Internet Settings* and your router will automatically search for SSIDs. Choose a SSID and input the Wi-Fi password.

(!) *GL-AR750 Router is a dual-band router; when it works as a repeater, you need to make sure that it uses the same frequency as the existing router does.*

Mode

If you want your router to have its own subnet, you need to choose *WISP* mode. If you want to extend your existing network by bridging the mini router and your current router wirelessly, you can use *WDS*.

(!) *You have to make sure your existing Wi-Fi supports WDS. Using WDS only if you know what you are doing.*

Saved Networks

The repeater manager will remember a list of your used networks in *Save Networks*. When your current wireless network is out of range, the manager will find another available one from the list and switch the *Repeater* connection to it automatically.

To disable repeater manager, uncheck the box *Auto scan & reconnect* on the Internet status page. In *Saved Networks*, you can delete or choose one from the list to connect.

Internet Settings			⊗
Cable	Repeater	3G/4G	Tethering

SSID 📶 Free Wi-Fi ⊘
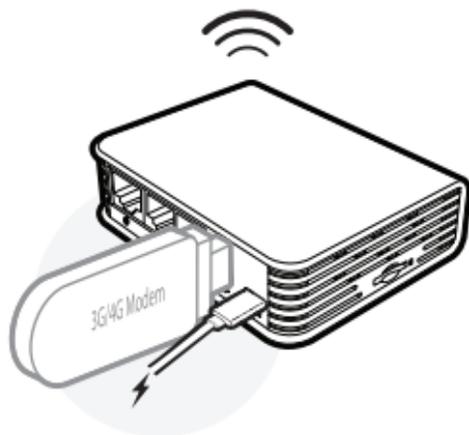Password
Protocol WISP ⊘
WISP
WDS

☑ Remember this network

Submit

C **3G/4G Modem**

Plug your 3G/4G modem into the USB2.0 port of the router, and it can transfer the 3G/4G signal to Wi-Fi.

(!) *Due to the high power consumption of 3G/4G modems, you need to use a 5V/2A or higher power supply.*

Internet Settings ⊗

| Cable | Repeater | **3G/4G** | Tethering |

Country/Region	USA ⊗
Service Provider	Verizon ⊗
Modem Device	/dev/ttyUSB2 ⊗
Service Type	UMTS/GPRS (W-CDMA) ⊗
APN	
Dial Number	
Pin	
Username	
Password	

Submit

After you set your *Region* and *Service Provider*, your carrier settings should be filled automatically. If you find that the setting information is incorrect, you will need to input it manually.

Generally, most modems work in TTY serial mode. You need to find out the correct device, e.g. using /dev/ttyUSB2.

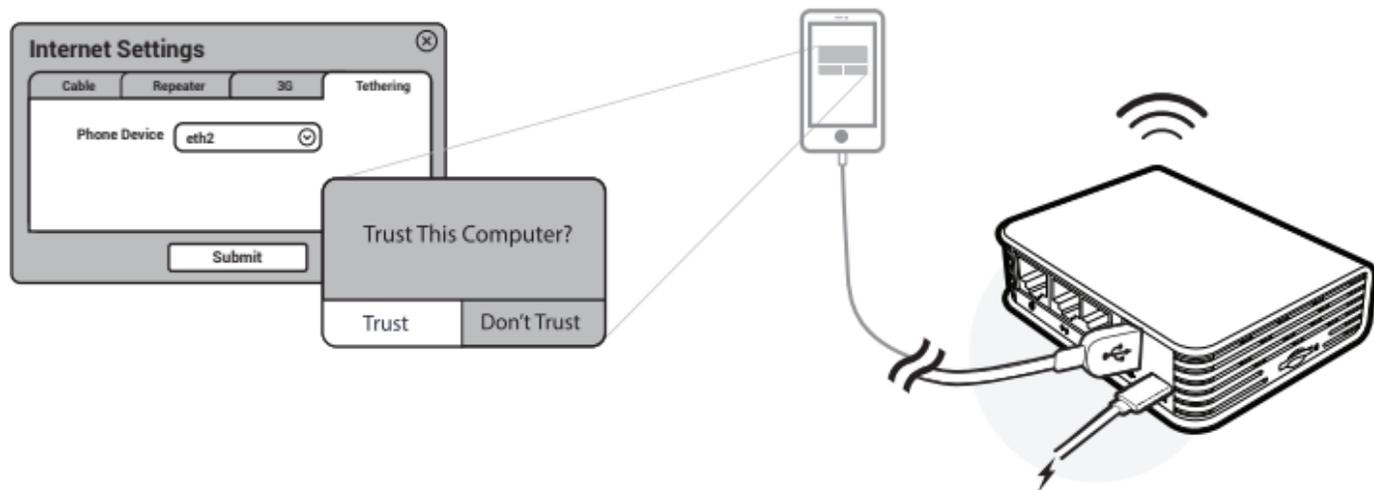(?) *For a list of compatible 3G/4G modems, check our docs at www.gl-inet.com/docs*

(!) *Some modems work in Tethering (hostless) mode. Please see below:*

D Tethering / Hostless Modem

Using the USB cable to share network from your smartphone or hostless modem to the mini router is called *Tethering.*

Plug your phone into the mini router and click *Trust* to continue when the message pops up in your smartphone. Then turn on your phone's *Personal Hotspot.* Choose your phone from the device list and submit your choice.

(?) *A newly-added phone will be named beginning with eth or usb, e.g. The device name could be eth2 or usb0).*

Internet Settings ⊗

Cable	Repeater	3G	Tethering

Phone Device eth2 ⊙

Submit

Trust This Computer?

Trust	Don't Trust

OPENVPN CLIENT

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.

VPN
OpenVPN

1 **Upload OpenVPN configurations**

Click here to select files or drag and drop them here: .ovpn .zip .tar .gz

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.

VPN Authentication ⊗

Some of your ovpn files need a username, a password and a passphrase. Please submit yours to authenticate these files.

Username [   ]

Password [   ]

Passphrase [   ]

Submit

② Connect to OpenVPN

Enable OpenVPN connection ———— **Enable** ☑

Force all connected clients to use VPN ———— **Force VPN** ☑ No Internet if VPN is not connected

Change your config file ———— **Config File** `06-USA-Denver-2.ovpn` ⊙

Apply

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

To protect against DNS leaks, you must customize your DNS servers. You can enable **Force all clients** to override the DNS server settings for your client devices. To customize your DNS server, go to **Internet Settings > Custom DNS**

SETTINGS

192.168.x.x
DHCP

Internet Status [New Connection] [Clone MAC] [Custom DNS]

DNS Settings

DNS Server 1 `8.8.8.8`

DNS Server 2 `8.8.4.4`

Using public DNS Servers (e.g. Google's) can prevent leaking your local DNS

Force all clients to use ☑

Apply

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

DIY GUIDANCE

OpenWrt / LEDE Firmware	Our firmware is developed based on OpenWrt / LEDE 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 / LEDE 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	GL-AR750 does not have an official DDWRT firmware now and it might be avaiable in the future. For further information, please visit *https://www.dd-wrt.com*
Tor Firmware	GL-AR750 does not have a Tor firmware now and it might be avaiable in the future. For further information, 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.

CPU	Atheros AR9531, @650MHz
Memory	DDR2 128MB / FLASH 16MB
Interfaces	1 WAN, 2LANs, 1 USB2.0, 1 micro USB (power), MicroSD card slot
Frequency	2.4GHz, 5GHz
Transmission rate	300Mbps(2.4GHz) + 433Mbps(5GHz)
Tx power (maximum)	20dBm
Protocol	802.11 b/g/n/ac
Power supply	5V === 2A
Power consumption	<6W
Dimension, Weight	105*72*27mm, 66g
Working Temperature	0 - 45°C (32 - 113°F)

SUPPORT

Warranty

- Each router has *one-year warranty.* Accessories have *three-month warranty.*
- Please use standard USB power adapter, 5V/2A.
- Any damage to the router caused by not following the instructions will render this warranty null and void.
- Any damage to the router caused by modifying the PCB, components or case will render this warranty null and void.
- 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）

FCC ID: 2AFIW-AR750

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the users' authority to operate the equipment.
3. The minimum separation generally be used is at least 20 cm, even if the calculations indicate that the MPE distance would be lesser.
4. Note: 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 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). 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, N.T,

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