

GL·iNet
microuter
GL-USB150
WIRELESS ROUTER USER GUIDE

ver. 20170704.1

Package Contents

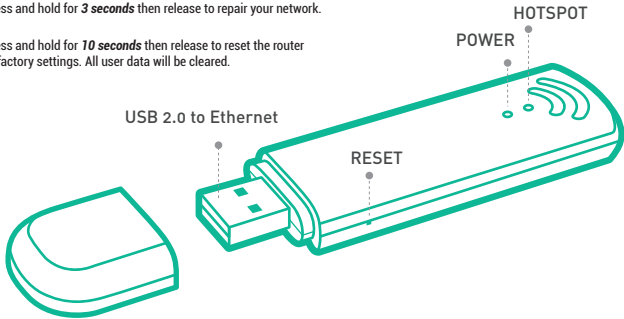
- Microuter
 - User guide
- ⓘ *USB power adapter is sold separately*

1 HARDWARE

Repair / Reset

If you cannot access the web-based setup page or cannot connect to the router, you can use a pin to 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.



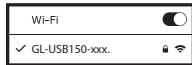
microuter with Power Bank

1 Plug into your power bank

When powered up, your Microuter will broadcast a Wi-Fi signal with the SSID: *GL-USB150-xxx*.

**2 Connect via Wi-Fi**

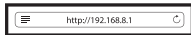
Search for the SSID and connect to it.



Default Wi-Fi key is *goodlife*

**3 Set up your Microuter**

Visit <http://192.168.8.1> in your browser to begin setting up your router; start by choosing your preferred language.

**4 Share the network**

Set up the Internet (see *Internet Setting*) and share the network.



microuter with Laptop

1 Disable your laptop's Wi-Fi

Disable the internal wireless adapter of your laptop.



2 Plug into your laptop

Microuter will create a wired network in your laptop. It needs around 40 seconds to boot up.



3 Set up your Microuter

Visit <http://192.168.8.1> in your browser to begin setting up your router; start by choosing your preferred language.



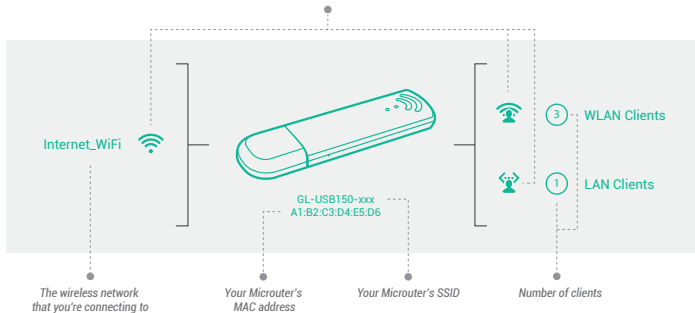
4 Surf the Internet

Set up the Internet (see *Internet Setting*) and surf, you can also share the network.



WEB INTERFACE

If connected successfully, icon color will change from grey to green



4 INTERNET SETTING

Click  **INTERNET** to set up your Internet:

1 Scan Wi-Fi around

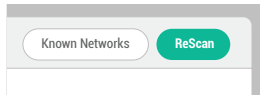
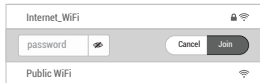
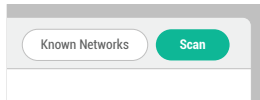
On the **Internet Setting** page, you need to click **Scan** to search available Wi-Fi networks around for the first time, and then select one network from the list. Alternatively, you can pick up one from **Known Networks** that you have used before. It will automatically connect to your available known networks.

2 Join a Wi-Fi network

After selecting a network, you might need to input password under the chosen Wi-Fi. Click **Join** to connect.

3 Connect successfully

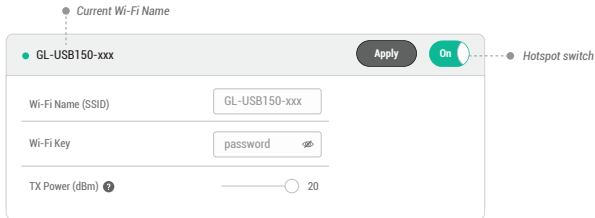
You will see the details of the connected network (e.g. SSID, IP, Gateway, DNS) if the connection succeeds. Otherwise, you might need to **Rescan** and choose another network.



5 HOTSPOT SETTING

Click  **HOTSPOT** to set up your hotspot:

On the **Hotspot Setting** page, you can change your **Wi-Fi Name (SSID)** and **Wi-Fi Key** to increase the security of your Microuter. **New changes will be in effect after you click **Apply**.**



Current Wi-Fi Name

GL-USB150-xxx

Apply

On

Hotspot switch

Wi-Fi Name (SSID) GL-USB150-xxx

Wi-Fi Key password

TX Power (dBm) ? 20

 *It is NOT recommended to turn off your hotspot when you are connecting to your Microuter wirelessly. Otherwise, all wireless connections to your Microuter will be cut off immediately. To use the hotspot again, you can plug your Microuter into a computer and turn on the hotspot, or you can repair the network (See **Hardware**).*

6 OPENVPN CLIENT

This router supports OpenVPN client. Using OpenVPN will slow down your Internet speed because of data encryption. Click **APPLICATIONS > VPN Client** to access the VPN client setting page.

The first time it will ask you to upload your OpenVPN client configuration (ovpn files). Click **Add a New VPN Configuration**, and then upload your ovpn files in the popup window. 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 files, your Microuter will check them and prompt for a description.



2 VPN Configuration Authentication

If you are prompted for a username/password, or a private key passphrase, or both, the **VPN Authentication** will slide down so that you can **Submit** these information for all files you upload.

Description	Required
Username	Required
Password	Required
<input type="button" value="Cancel"/> <input type="button" value="Back"/> <input type="button" value="Submit"/>	

? You can repeat step 1 and 2 to upload multiple configurations.

3 Connect to VPN

Now you can choose a configuration and click **Connect** as OpenVPN client.

The screenshot shows a VPN configuration panel with the following elements:

- VPN Connection Only** (with a help icon) and a checked checkbox. Callout: *Force all connected clients to use VPN*
- Current VPN Configuration** and a dropdown menu currently set to **MyVPN**. Callout: *Change your configuration file*
- A dropdown menu showing two options: **MyVPN** and **OfficeVPN**. Callout: *Connect to VPN*
- A large green **Connect** button.

To protect against DNS leaks, you must customize your DNS servers: [⚙️ MORE SETTINGS](#) > **Custom DNS Server**
Enable **Manual DNS Server Settings**, you can input two DNS servers.

The screenshot shows two input fields for DNS servers:

DNS Server 1	8.8.8.8
DNS Server 2	8.8.4.4

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

You can also enable **Override DNS Settings for All Clients**. Click **Apply** to update all your changes.

4

VPN Configuration Modification

After being uploaded successfully, the VPN configuration will be appended to the list of VPN clients. You can change its **Description** and **Server**, and then click **Apply** to confirm your changes. If you don't need a VPN client configuration anymore, click **Remove**.

The screenshot shows a configuration card for a VPN client named 'MyVPN'. The card has a header with a radio button and the name 'MyVPN'. Below the header, there are four rows of information: 'Type' is 'OpenVPN', 'Config Count' is '250', 'Server' is '06-USA-Denver-2.ovpn' with a small square icon to its right, and 'Description' is 'MyVPN' with a text input field. At the bottom of the card are two buttons: 'Remove' and 'Apply'.

A popup window will list all ovpn files

If you upload multiple ovpn files in one configuration, you can choose the default ovpn file.

Click the icon button to view a list of ovpn files under one configuration, and change the ovpn file by clicking **Select**. You can also **Remove** any individual ovpn file from the list.

The screenshot shows a popup window with a list of ovpn files. The list contains three items: '06-USA-Denver-2.ovpn' (checked with a dropdown arrow), 'USA-Los-Angeles.ovpn' (with a dropdown arrow), and 'USA-Los-Angeles.ovpn' (with a dropdown arrow). Below the list is a grey bar containing two buttons: 'Remove' and 'Select'. Below the grey bar is another row with 'USA-Los-Angeles.ovpn' and a dropdown arrow.

To get more detailed instructions or information of compatible VPN service providers, please visit www.gl-inet.com/docs

7 SPEC

CPU	Atheros 9331, @400MHz
RAM / ROM	DDR2 64MB / 16MB Nor Flash
Wireless	IEEE 802.11 b/g/n. max 150Mbps
Power Input	5V \equiv 1A, USB Power Supply
Power Consumption	Less than 1 Watt
Weight	10g
Dimension	82mm x 24mm x 11mm
Working Temperature	0 - 45°C (32 - 113°F)

Warranty

- Each router has **one-year warranty**.
- Please use standard USB power adapter, 5V/1A.
- 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**
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