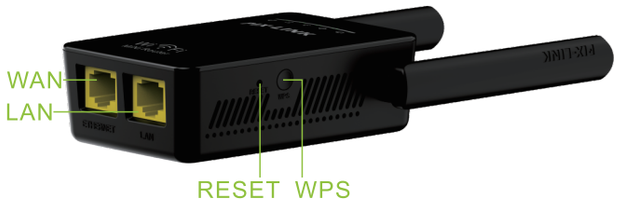
Quick Installation Guide

Wireless-N Repeater/Router/AP

Applicable Model:LV-WR09

REV.2.0

Appearanc



LED Explanation

POWER LED	**NO:**The device is power on. **OFF:**The Device is not receiving electrical power.
WLAN LED	Wireless signal.
WPS LED	**Flashing:**WPS connection is established or WPS signal of another device is expected.
LAN LED	**ON:**The LAN port is connect. **OFF:**The LAN port is disconnected. **Flashing:**Transferring data to/from a network device.
WAN LED	**ON:**The WAN port is connect. **OFF:**The WAN port is disconnected. **Flashing:**Transferring data to/from a network device.

Button and Port Explanation

WPS Button: If your host router supports WPS function, you can press the WPS button and then press the WPS button of the MiNi Router to establish a secure connection between the host router and the MiNi Router.

Reset Button: This button is used to restore the MiNi Router's factory default settings.

There are two ways to reset the MiNi Router:

Option One: With the MiNi Router powered on, use a pin press the Reset Button for less than 8 seconds , then release the button and wait the MiNi Router to reboot to its factory default settings.

Option Two: Restore the default setting from "Advanced->System->Load default->Load default " of the MiNi Router's Web-based Management page.

Power on/off Button: This button is used to power on or off the MiNi Router.

WAN Port: One 10/100Mbps RJ45 Ethernet port.

- Router mode, it's used for connecting to the DSL/cable Modem or Internet.
- Repeater/WISP mode, it's used for connecting to Ethernet-enabled device, working the same as the Ethernet port.
- Access Point mode, it's used for connecting to front router or Internet.

LAN Port: One 10/100Mbps RJ45 Ethernet port used to add wireless connectivity to an Ethernet-enabled device such as Internet TV, DVR, Gaming console and so on.Please note that this port is not allowed to be connected with router.

Operating Modes

1 Wireless Router Mode (Default)

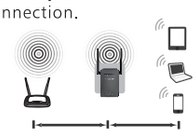
Stand Wireless Router Mode: This router connect to Internet by WAN port,and then other terminal devices can connect to this router by wireless connection or connect to this router's LAN port by wired.

2 Client Mode

Use as a wireless adapter for wired-only Ethernet enabled devices. This mode is suitable for connecting Smart Tvs game consoles, or computers to your wireless network.

3 Repeater Mode

Extand wireless signal comprehensively: This router can connect to uplink wireless router by wireless connection, user terminal can connect to this router by wired or wireless connection.



4 Access Point Mode

Traditional wired router realize wireless function:This router can connect to uplink router's LAN port by wired connection,user terminal can connect to this router by wireless connection.

5 WISP Client Router Mode

Wireless used as WAN port: This router can connect to uplink wireless router by wireless connection,at the same time,it can extend wireless signal for other devices' connection.

Quick setup Repeater Mode using WPS Button

WPS is an easier way to extend your host network. You are recommended to use this method if your host router has a WPS button.

Note: your host router should support WPS.

The button might look like one of these: | WPS | . Otherwise, please setup Using a Web Browser.

1)Press the WPS Button on your host Router.

2)Press and hold the WPS Button on the side of the WiFi Repeater for one second within 2 minutes.

3)If the connection is successful, The default Repeater ssid is set to be xxx_ext(xxx indicates host Router's SSID) and the Security Key is the same as your host Router's WiFi key.

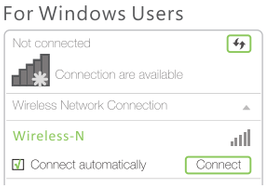
Quick setup using a web browser

1 Power on

Plug the MiNi Router into an electrical outlet near your router.
Wait until the WLAN LED is blinking.

2 Connect to the MiNi Router

For Windows Users

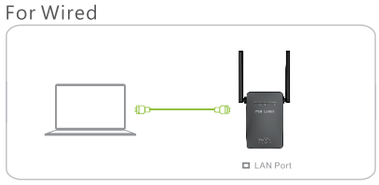


Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to the Repeater's network (e.g. Wireless-N).

For Mac OS X Users

Disconnect the Ethernet (wired) connection from your computer (if any). Click the Wi-Fi icon in the top right corner of the screen, and connect to the Repeater's network (e.g. Wireless-N).

For Wired



Disable the Wi-Fi on your computer. Connect your computer to the Repeater via an Ethernet cable.

3 Configure the MiNi Router

1.Open a web-browser and type http://myrepeater.net in the address field. After a moment, a login window will appear. Select the language for the installation, and then enter admin for the Password, Then click the Submit button or press the Enter key to log in.
Language - Select the Language from the drop-down list. The default setting is English.
Password - Enter the password for Login. The default password is admin.
2.After successful log in, you can click the Wizard to quickly configure your router. Select the Operation Mode you need and click Next go on configuring.

• Wireless AP Mode

If Wireless AP Mode is selected,The Wireless settings page will appear as shown below.

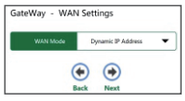
SSID- Enter a value of up to 32 characters. The same name of SSID (Service Set Identification) must be assigned to all wireless devices in your network.The default SSID is set to be Wireless-N.
Security - you can choose the security type on the drop-down list. The default setting is OPEN .
Security key - Wireless Password, When WPA/WPA2PSK is set as the Security Type, You can enter ASCII characters between 8 and 63 characters or 8 to 64 Hexadecimal characters.

Enter SSID and Security,then click Apply to complete setup.

• Gateway Mode(Default)

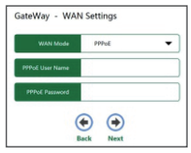
If GateWay is selected, Click drop-down menu of WAN Mode, and then WAN Connection Type will appear, Select the very type go on configuring.

a.If the connection type is Dynamic IP Address,Please click Next to continue.



b.If the connection type is Static IP Address, the next screen will appear as shown below. Configure the following parameters and then click Next to continue.

c.If the connection type is PPPoE, the next screen will appear as shown below. Configure the following parameters and then click Next to continue.



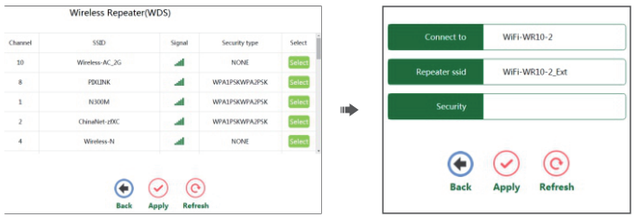
IP Address - This is the WAN IP address as seen by external users on the Internet (including your ISP).Enter the IP address into the field.
Subnet Mask - The Subnet Mask is used for the WAN IP address, it is usually 255.255.255.0.
Gateway - Enter the gateway IP address into the box if required.
Primary DNS - Enter the DNS Server IP address into the box if required.
Secondary DNS(option) - If your ISP provides another DNS server, enter it into this field.
PPPoE User Name - Enter the User Name provided by your ISP.
PPPoE Password - Enter the Password provided by your ISP.

SSID- Enter a value of up to 32 characters. The same name of SSID(Service Set Identification) must be assigned to all wireless devices in your network. The default SSID is set to be Wireless-N.
Security - you can choose the security type on the drop-down list. The default setting is OPEN .
Security key - Wireless Password, When WPA/WPA2PSK is set as the Security Type, You can enter ASCII characters between 8 and 63 characters or 8 to 64 Hexadecimal characters.

Enter SSID and Security, then click Apply to complete setup.
Note:Do not close this window,the window will automatically close when setup is complete.

• Wireless Repeater Mode

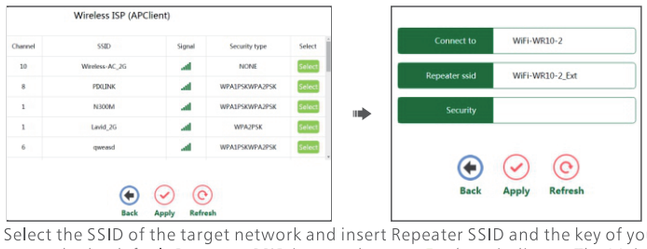
If Wireless Repeater Mode is selected,The Wireless Repeater(WDS) page will appear as shown below.



Select the SSID of the target network and insert Repeater SSID and the key of your network. the default Repeater SSID is set to be xxxx_Ext (xxxx indicates The Main Router's wireless network name). Then click Apply to complete setup.
Note: The Security Key is the same as your Wireless Router.

• WISP Mode

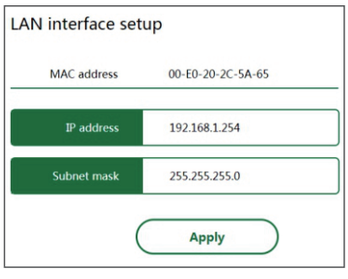
If WIPS is selected,The Wireless ISP (APClient) page will appear as shown below.



Select the SSID of the target network and insert Repeater SSID and the key of your network. the default Repeater SSID is set to be xxxx_Ext (xxxx indicates The Main Router's wireless network name). Then click Apply to complete setup.
Note: The Security Key is the same as your Wireless Router.

Change Default Access

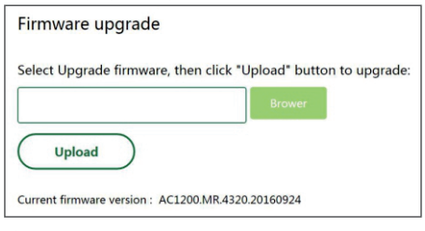
Default Access of The AC MiNi Router is http://myrepeater.net, and Default IP Address of The MiNi Router is 192.168.1.254.
Click "Advance -> Internet-> LAN Settings " located at the home page,the following message will be displayed on your web browser.



Click Apply to save the settings.
Note: If you change the IP Address of LAN or Domains, you must use the new IP Address or Domains to log in the router.

Firmware Upgrade

The system software used by this MiNi Router is called "firmware", just like any applications on your computer,when you replace the old application with a new one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.
1)Click "Advance -> System -> Upgrade Firmware " located at the home page, the following message will be displayed on your web browser.



2)Click "Browse" button first; you'll be prompted to provide the filename of firmware upgrade file.
3)After a firmware upgrade file is selected, click "Upload" button. and the MiNi Router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

Frequently Asked Questions (FAQ)

Q1. What should I do if I cannot access the Router's web management page?
- If your computer is wirelessly connected, make sure that you have connected to the Router's SSID.
- If your computer is connected via an Ethernet cable, please make sure that the connection is stable.
- Make sure your computer is set to obtain an IP address and DNS server address automatically.
- Verify that http://myrepeater.net or http://192.168.1.254 is correctly entered in the web browser and press Enter.
- Please reset the extender and try again.

Q2. I have enabled a wireless MAC filter, wireless access control, or access control list (ACL) on my host router. What should I do before configuring and using the extender?
- If you have enabled those functions of your host router, you may need to disable them first. And then follow quick setup to complete the configuration.

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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