



## PIX-LINK WR29 Wireless N WiFi Repeater Installation Guide

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**PIX-LINK WR29 Wireless N WiFi Repeater**



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## LED Explanation

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

## Button Explanation

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

**Reset Button:** This button is used to restore The Repeater's factory default settings.With the Repeater powered on, use a pin to press and hold the Reset button for about 8 seconds.

**LAN Port:** One 10/1 00Mbps RJ45 Ethernet port is used to connect an Ethernet-enabled device to a Wi-Fi network, such as Internet TV, DVR, Gaming console and so on . Please note that this port cannot be connected to a router.

## Power on

Plug in next to your router,Wait until the WLAN LED is blinking.



## Connect

For Windows Users

Not connected



Connection are available

Wireless Network Connection



**WiFi-Repeater**



☒ Connect automatically

Connect

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

**For Mac OS X Users**



Wi-Fi: On

Turn Wi-Fi Off

**WiFi-Repeater**



Wireless-n



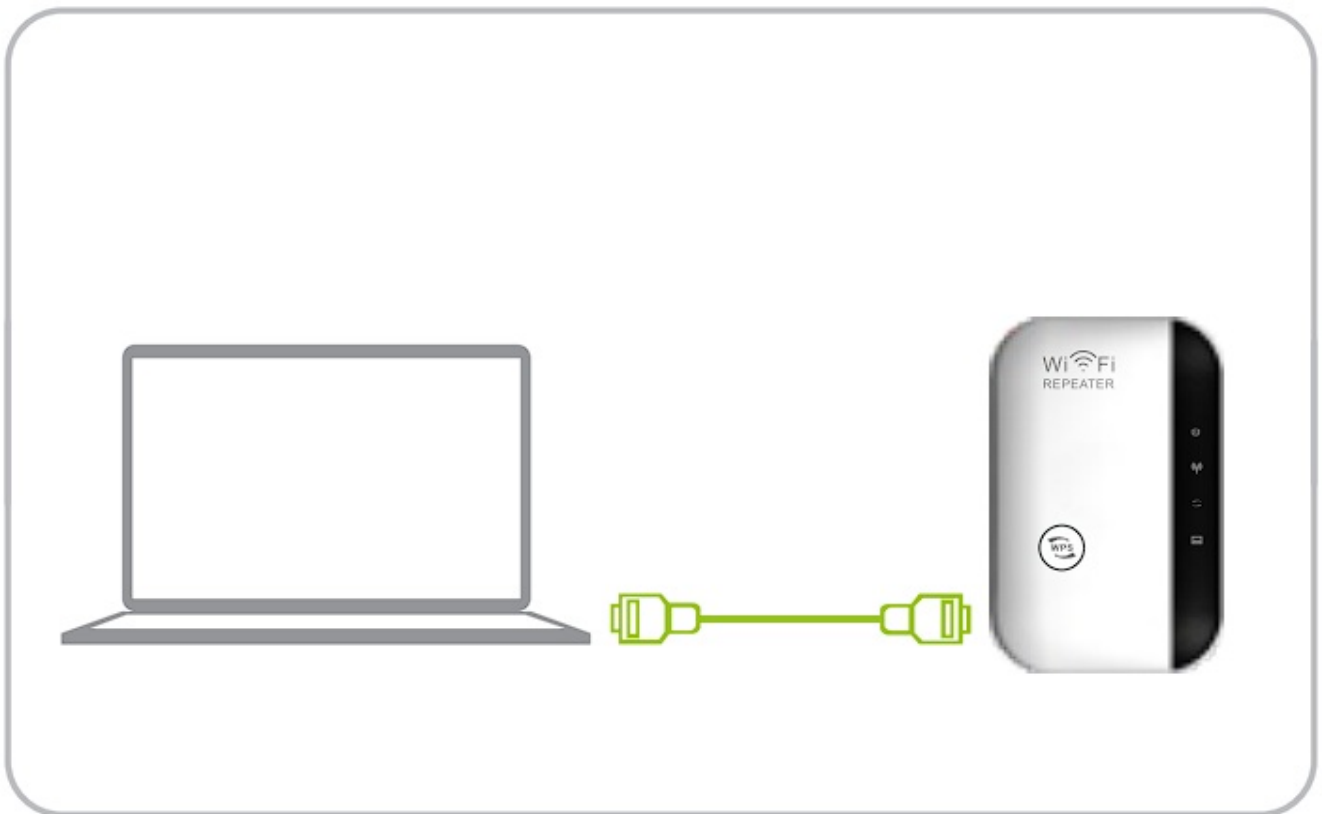
Join Other Network...

Create Network...

Open Network Preferences...

Disconnect the Ethernet (wired) connection from your computer (if any) . Click the W i-Fi icon in the top right corner of the screen, and co nnect t o the Repeater's network (e.g. WiFi-Repeater).

#### For Wired



Disable the W i-Fi on yo ur computer. Connect your computer to the Repeater via an Ethernet cable.

#### Configure the Repeater Mode

1. Launch a web browser and type <http://myrepeater.net> or <http://192.168.10.1> in the address field . Enter admin (all lowercase) for both Userna me and Password, then click Login.

A screenshot of a web browser's login page. The address bar shows 'http://myrepeater.net'. The page has a dark green background. On the left is a white silhouette of a person. To the right of the silhouette are three input fields: 'Username' with 'admin', 'Password' with 'admin', and 'Language' with a dropdown menu showing 'English'. Below these fields is a green 'Submit' button.

! If the login window does not pop up, please refer to **FAQ > Q1**.

2. After logg ing in, you will see the web page below:

## Wizard

AP

Repeater

### Wireless Status

Mode	AP
Status	Enabled
SSID	WiFi-Repeater
Channel	0
Security	OPEN
Clients	0

### Wireless

- Basic settings
- Advanced settings
- WPS

### Internet

IP	192.168.10.1
DHCP	Server
MAC	00:E0:20:2C:5A:41

### Management

- Password
- Save/Reload settings
- Upgrade firmware
- Reboot Device

### Status

Firmware version	v28K.RPT.20161224
Uptime	0 Day, 00:10:34
Build time	2016 Year 12 Month 24 Day

- Select your Wireless router's Network, Either keep the default SSID or customize it for extended network and insert the key of your network.

**Note:** The default Repeater ssid is set to be xxx\_ext(!!! indicates host Router's SSID) and the Security Key is the same as your host Router's WiFi key



## Wireless Repeater Mode

SSID	Channel	Security	Signal	Select
Lavid-Linksys_5GHz_2G_Ext	5	WPA1PSKWPA2PSK		<input type="radio"/>
Lavid-Linksys	11	WPA1PSKWPA2PSK		<input checked="" type="radio"/>
Lavid-Linksys_Ext	11	WPA2PSK		<input type="radio"/>
dlink-FUHO	3	WPA1PSKWPA2PSK		<input type="radio"/>
Lavid_5G_2G_02	11	WPA1PSKWPA2PSK		<input type="radio"/>
2014-4-9	2	WPA1PSKWPA2PSK		<input type="radio"/>
2014-4-9	5	WPA1PSKWPA2PSK		<input type="radio"/>

Connect to

Lavid-Linksys

Repeater ssid

WiFi-Repeater

Security key

☐ Unmask

Apply

Refresh

- Click on "Apply" button, The W i-Fi Repeater will restart . After the reboot has been completed, the W i-Fi Repeater is accessible under the SSID and the Wireless key.

## Use the Repeater as a Network Adapter

The Repeater can be used as a wireless adapter to connect any Ethernet-enabled device, such as a Blu-ray player, game console, DVR, or smart TV, to your wireless network.

After the Repeater connected to the Internet, you can connect an Ethernet-only device to the Repeater using an Ethernet cable.

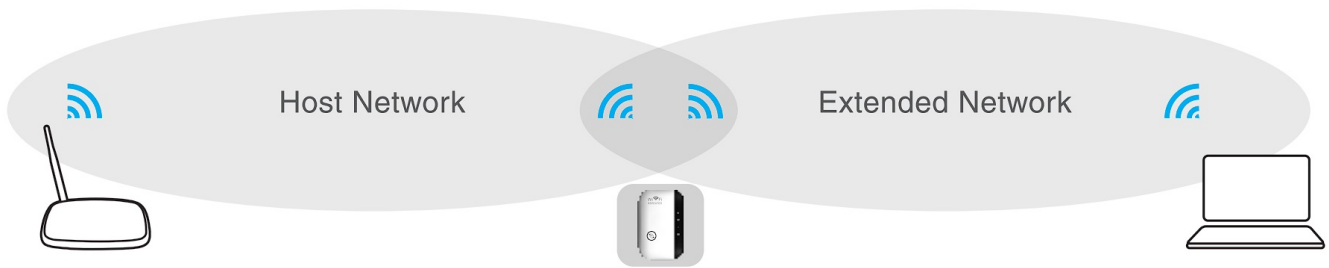
### Ethernet Connection



**Relocate**



Plug in the Repeater halfway between your router and the Wi-Fi dead zone.



**Enjoy!**

The Repeater WiFiRepeater to the end of the host network's SSID and uses the same Wi- Fi password.



## Configure the AP Mode

1. Follow process 1 ~ 3.1, After logging in, you will see the web page below:

### Wizard

AP

Repeater

User-PC Repeater Router Switch Internet

#### Wireless Status

Mode	AP
Status	Enabled
SSID	WiFi-Repeater
Channel	0
Security	OPEN
Clients	0

#### Wireless

Basic settings  
Advanced settings  
WPS

#### Internet

IP	192.168.10.1
DHCP	Server
MAC	00-E0-20-2C:5A:41

#### Management

Password  
Save/Reload settings  
Upgrade firmware  
Reboot Device

#### Status


Firmware version  
v28K.RPT.20161224

Uptime  
0 Day, 00:10:34

Build time  
2016 Year 12 Month 24 Day

Click on "AP" to continue.

2. Change the SSID and Password, Click on "Apply" button, The WiFi Repeater will restart.



Wireless AP Mode

SSID: WiFi-Repeater

Channel: Auto

Security type: WPA\_PSK

Security key:

☐ Unmask

Apply Cancel

SSID	SSID of the WiFi Extender
Channel	Auto (recommend)
Security type	Setup the wireless security and encryption to prevent from unauthorized access and monitoring. Supports WEP,WPA,WPA2, WPA/WPA2 encryption methods.
Security Key	The “password” of the WiFi Extender

- After the Repeater reboot has been completed, connect it to your router’s Ethernet port with an Ethernet cable

## Using WPS

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.

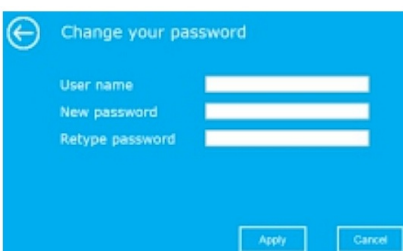
The button might look like one of these  |  |  Otherwise, please setup Using a Web Browser.

- Press the WPS Button on your host Router.
- Press and hold the WPS Button on the side of the WiFi Repeater for one second within 2 minutes.
- 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.

## Change Management password

Default password of the WiFi Extender is “admin” , and it is displayed on the login prompt when accessed from web browser. There’s a security risk if you don’t change the default password, since everyone can see it. This is very important when you have wireless function enabled .

- Click “**Manage-> Password**” located at the home page, the following message will be displayed on your web browser..



Change your password

User name:

New password:

Retype password:

Apply Cancel

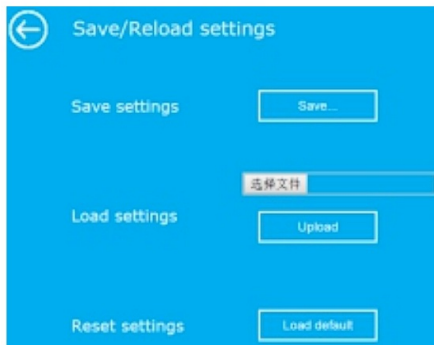
Username	Enter your current username
New Password	Enter your new password
Retype Password	Re-enter your new password

- Click Save to save the settings.

## Factory Default and Settings Backup, Restore

You n backup all Setting of this router to a file, so you can make several copied of router configuration for security reason.

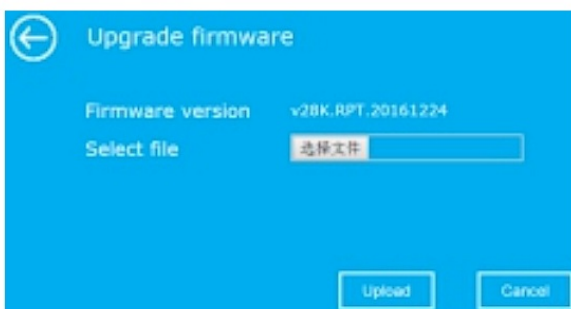
Click “**Manage-> Save/Reload setting**” located at the home page, the following message will be displayed on your web browser.



Save Settings	Press "Save..." button, you can please save it as another filename for different versions, and keep it in a safe place.
Load Settings	Press "Browse..." to pick a previously-saved configuration file from your computer, and then click "Upload...". After the configuration is uploaded, the router's configuration will be replaced by the file you just uploaded.
Reset Settings	Click this "Load default" button to remove all settings.

## Firmware Upgrade

1. Get from your service provider **firmware file**.
2. Click "**Manage-> Upgrade Firmware**" located at the home page.



Please DO NOT power off the Repeater during the upgrade process.

3. Make sure the firmware version is the same as the hardware version, then click "**Browse**" to select the firmware file.
4. Click "**Upgrade**". The upgrade process takes a few minutes to complete and the Repeater will automatically reboot itself when finished.

## FAQ (Frequently Asked Questions)

### Q1 .What should I do if I cannot access the Repeater's web management page?

**A1:** Make sure your computer is connected to the extended network.

**A2:** Make sure your computer is set to obtain an IP address automatically.

**A3:** If the Repeater has connected to the router, you should go to your router's DHCP client list to obtain the Repeater's current IP address .

**A4:** Reset the Repeater

### Q2.Why does the wireless transmission rate speed down, while the wireless signal is stronger after repeated by the Repeater?

**A1:** In compliance with the wireless transmission protocol, all the Repeater devices are set to work in half-duplex instead of full-duplex mode. In other words, the Repeater has to process one-way communication between your root Wireless router (or AP) and the terminal clients; so the transmission time will be double-increased, while the speed will be decreased. Recommends that you connect to the extender when your home network connection is poor, or when you want a larger wireless coverage to eliminate "dead zones".

### Q3.Why the devices connected to the Repeater cannot get an IP address from the Repeater and cannot access the Internet.

**A1:** Maybe you enabled a wireless MAC filter, wireless access control, or access control list (ACL) on your router. To solve this problem, please log into your router and disable the MAC filter, wireless access control or ACL.

**A2:** Maybe the Repeater has not been successfully connected to your router, please reset the Repeater and Reconfiguration.

**A3:** Maybe the IP address of the router is occupied or the wireless device connected by the router has reached the limit. please reboot your router, then reset the Repeater and Reconfiguration.

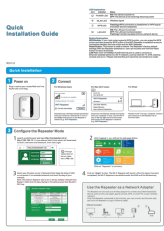
## FCC WARNING

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

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

## Documents / Resources

	<p><a href="#">PIX-LINK WR29 Wireless N WiFi Repeater</a> [pdf] Installation Guide ROUTER-300, ROUTER300, 2AXEHROUTER-300, 2AXEHROUTER300, WR29, Wireless N WiFi Repeater, WR29 Wireless N WiFi Repeater</p>
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