![AirLinkWiFi.Net]

Wireless-N
WiFi REPEATER
Quick Installation Guide(Q.I.G.)

REV.1.4

Introduction :

The WiFi Repeater is a combined wired/wireless network connection device designed specifically for small business, office, and home office networking requirements. It allows a wireless network to be expanded using multiple access points without the need for a wired backbone to link them. It also works well with other 11b/g and 11n protocol wireless products.

Power Indicator
Wireless Indicator
WPS Indication
WPS Button
LAN Indicator
RJ45 Port
Reset

NOTE: If you need to reset the Wi-Fi Repeater, you need press and hold the reset button inside the tiny hole for 10 seconds.

Package Contents

Before you starting to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

-1 x Wireless-N Repeater
-1 x RJ-45 Networking Cable
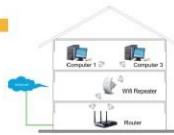-1 x Quick installation Guide

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Getting Started

Setting up a Wireless Infrastructure Network

For a typical wireless setup at home (as shown below), please do the following:

Wireless Repeater Mode

You will need WiFi AP/Router Internet access

Computer 1   Computer 3
Wifi Repeater
Router

Wireless AP Mode

You will need broadband Router Internet access

Connect the WiFi-Repeater to your Router/Switch with RJ-45 Cable

Computer 1   Computer 3
Wifi Repeater
Computer 2   Lan Cable
Router

How to configure the Wi-Fi Repeater

You can configure the Wi-Fi Repeater after connecting it with your computer/laptop with enclosed RJ45 cable or wirelessly.

A. Configure the Wi-Fi Repeater wirelessly

A1. Plug the Wi-Fi Repeater to a wall socket.

A2. Click on the network icon (or) on the right bottom of your desktop. You will find the signal from the Wi-Fi Repeater. Click on 'Connect' and wait for a few seconds.

A3. Open web browser and type **http://192.168.10.1** in the browser's address box. This number is the default IP address for this device.

Note: Please check whether the WiFi-Repeater accord with factory default settings once you can't open http://192.168.10.1. If you are still not sure what reasons, you can reset the WiFi-Repeater, just need to press the reset button for 10 seconds, then try again.

A4. The login screen below will appear. Enter the "User Name" and "Password" and click "OK" to login. The default User name is "**admin**" and the Password is "**admin**".

A5. After logging in and click "**Setup Wizard**", you will see the web page below: Select "**Wireless Repeater Mode (Station)**" and click on "**Next**" to continue.

A6. Click on 'Repeater – OneKey Setting' button

A7. Wait a few seconds and you will see the site below and please click on 'Wireless Network Selection' button.
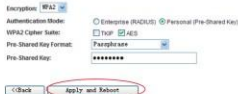

A8. Click on 'Refresh Live' button. Select your AP/Router SSID and click 'Next' to continue.

A9. When you see the site below, please do not change any setting but only insert the Key of your AP/Router.

Wireless Site Survey

This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when Repeater mode is enabled. Select in this list the radio network you would like to extend.

Encryption : WPA2

Authentication Mode: ◯ Enterprise (RADIUS) ⦿ Personal (Pre-Shared Key)
WPA2 Cipher Suite: ☐ TKIP ☑ AES
Pre-Shared Key Format: Passphrase
Pre-Shared Key:

Click on 'Apply and Reboot' button.

Click on "OK" to confirm. The Repeater will restart. Wait for a few seconds your Wi-Fi Repeater is ready for use.

* The Repeater SSID is Wi-Fi Repeater1.
The Repeater KEY is same as your AP/router.

B. Configure the Wi-Fi Repeater with RJ45 Cable

1. Plug the Wi-Fi Repeater to a wall socket. Connect your computer / laptop with the Wi-Fi Repeater with enclosed RJ45 Cable.

2. Follow process A3 to A9 to configure your Wi-Fi Repeater.

C. Configure the Wi-Fi Repeater with WPS Button

WPS Button

1. Plug the Wi-Fi Repeater into a wall socket.
2. Make sure WiFi-Repeater to be "Wireless Repeater mode (Station)" Mode.
Step 1: Press the WPS button of the AP/Router directly for 3 seconds.
(Please check your AP/Router Manual with WPS configuration)
Step 2: Press the WPS button of the WiFi Repeater for 7-10 seconds.
Step 3: Wait a few seconds your Wi-Fi Repeater is ready for use.

1.Plug the Wi-Fi Repeater to a wall socket.
2.Follow process A3 to A6.
3.Select "**Standard Wireless AP Mode**" and click on '**Next**' to continue.

4.Click on 'AP – OneKey Setting' button

5.Wait for a few seconds your Wi-Fi Repeater is ready for use.

Adding a Wireless computers to the WiFi-Repeater

1. Log on to the computer.
2. Open Connect to a Network by right-clicking the network icon (or) in the notification area.

3. Choose the wireless network from the list that appears, and then click Connect.
4. Type the network security key or passphrase if you are asked to do so, and then click OK. You'll see a confirmation message when you are connected to the network.

5. To confirm that you added the computer, do the following:

Open Network by clicking the Sun button,
and then clicking Control Panel. In the search box, type **network**, and then, under Network and Sharing

Center, click View network computers and devices.
You should see icons

for the computer youadded and for the other computers and devices that are part of the network.

Note : If you don't see icons ⬚ in the Network folder, then network discovery and file sharing might be turned off.

Adding a wired (Ethernet) computer to the WiFi-Repeater
1. Plug the Wi-Fi Repeater to a wall socket. Connect your computer / laptop with the Wi-Fi Repeater with enclosed RJ45 Cable.
2. To confirm that you added the computer, do the following:

Open Network by clicking the Sun button,
and then clicking Control Panel.
In the search box, type network, and then, under Network and Sharing Center, click View network computers and devices. You should see icons
for the computer
you added and for the other computers and devices that are part of the network.

For more information:
http://windows.microsoft.com/en-US/windows7/Add-a-device-or-computer-to-a-network
http://windows.microsoft.com/en-US/windows7/Setting-up-a-wireless-network
http://windows.microsoft.com/en-US/windows-vista/Setting-up-a-wireless-network

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1. Log on to the computer.

2. Click the "**Start**" button (it should be located at the lower-left corner of your screen), then click "**Control Panel**". Click "**View Network Status and Tasks**," and then click "**Manage Network Connections**." Right-click "**Local Area Network**," then select "**Properties**". When the "**Local Area Connection Properties**" window appears, select "**Internet Protocol Version 4** (TCP/IPv4)" and then click "**Properties**".

3. Setting IP address manually: Type IP address is **192.168.10.**x (x is from 2 to 254), and Subnet mask is **255.255.255.0**. Type the Router's LAN IP address (the default IP is **192.168.10.1**) into the Default gateway field.

Please click "Wireless -> Basic Settings" located at the web management interface, the following message will be displayed on your web browser:

You could configure the minimum number of Wireless settings for communication, such as Network Name (SSID) and Channel. The Access Point can be set simply with the only minimum setting items.

Disable Wireless	Wireless On/Off
Mode	Supports AP / Repeater modes.
SSID of AP or SSID of Connect to	Main Service Set Identifier. It's the "name" of your wireless network.
SSID of Extended	Universal Repeater Mode (Acting as AP and client simultaneouly)
Band	Supports 11B/11G/11N mixed modes.

Please click "**Wireless-> Security**" located at the web management interface, the following message will be displayed on your web browser:

Setup the wireless security and encryption to prevent from unauthorized access and monitoring. Supports 64/128-bit WEP, WPA, WPA2 encryption methods.

Select SSID:

Root - Client - XXXX:	The password of the WiFi Repeater will be the same as your XXXX router.
Repeater AP – WiFi-Repeater1:	Select this option to set up the password for your WiFi repeater

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

To backup or restore router setting, please follow the following instructions:
Please click 'Save/Reload setting' located at the web management interface, then the following message will be displayed on your web browser:

Save Settings	Press 'Save…' button, and you'll be prompted to download the configuration as a file, 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…' to transfer the configuration file to router. After the configuration is uploaded, the router's configuration will be replaced by the file you just uploaded.
Reset Settings	Click this 'Reset' button to remove all settings you made, and restore the configuration of this router back to factory default settings

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The system software used by this router is called as '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.

Please click 'Management -> Upgrade Firmware' located at the web management interface, then the following message will be displayed on your web browser:
Click 'Browse…' button first, you'll be prompted to provide the filename of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.

After a firmware upgrade file is selected, click 'Upload' button, and the router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from router. If the firmware you uploaded is corrupt, the firmware upgrade will fail, and you may have to return this router to the dealer of purchase to ask for help. (Warranty voids if you interrupted the upgrade procedure).

Default password of Wireless Router is "admin", and it's 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.

To change password, please follow the following instructions:
Please click 'Management -> Password' menu on the web management interface, the following message will be displayed on your web browser:

click 'Apply Changes'; If you want to keep original password unchanged, click 'Reset'.

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.