

Power and Mode light

Gateway Link Quality light

Wi-Fi Quality light

Wi-Fi Protected Setup Button (WPS)

Power On/Off switch

12V DC Power socket

Reset button

Mode (Repeater/ Access Point) switch

Ethernet LAN ports

Parts of the Wireless Extender

CAUTION

Environment:

- The Wireless Extender needs air flow to keep cool. Do not block or cover the ventilation holes of the Wireless Extender. Leave a gap of at least 10cm above and around the Wireless Extender to allow for adequate ventilation.
- Do not operate your Wireless Extender in an unventilated cabinet or on top of another unit that emits heat, such as a TV or media player.
- Do not store the Wireless Extender in hot, damp, dusty, or unusually cold locations.
- The Wireless Extender is intended for indoor use and installation only.

Handling:

- Do not put anything on or over your Wireless Extender which might drip or spill on it.
- Never place an open flame, such as from a lit candle, near the Wireless Extender's ventilation holes.

Storage:

- Store your Wireless Extender in a cool, dry place. Before installation and use, let the wireless extender reach room temperature.

Recycling:

Please do not dispose of this product with your residential or commercial waste. Some countries or regions, such as the European Union, have set up systems to collect and recycle electrical and electronic waste items. Contact your local authorities for information about practices established in your region. If collection is not available, contact ARRIS customer support for information.

ARRIS

Wireless Extender Quick Start Guide

Use this Quick Start Guide to install your Wireless Extender and improve your home wireless network.

When you are done the steps in this guide, the wireless extender is working with simple “pushbutton” security and default settings.

This Quick Start Guide tells you how to:

- Connect power to the Wireless Extender
- Repeat your Wi-Fi network
- Extend a new Wi-Fi network
- Add Wi-Fi devices to the network
- Open the Wireless Extender web management tools
- Read the indicator lights
- Reset the Wireless Extender

IMPORTANT SAFETY INFORMATION

Your Wireless Extender has been manufactured to meet international safety standards, but you must take care to operate it safely. It is important that you read these safety instructions.

WARNING:

Remember that contact with AC mains can be lethal or can cause severe electric shock. To avoid the risk of electric shock:

- Never attempt to open the Wireless Extender, as there are high-voltage live parts inside. There are no user-serviceable parts inside it.
- Make sure all electrical connections are properly made.
- Before you disconnect any other equipment from your Wireless Extender, switch off your Wireless Extender by pushing the ON/OFF button, then disconnect your Wireless Extender by disconnecting it from the mains socket on the wall.
- Never push anything into holes, slots or other openings in the case.
- The only way to disconnect your Wireless Extender from the mains is to remove the 12V power supply unit from the mains socket. Therefore, you must install the Wireless Extender near to the mains socket, which should be easily accessible.
- If you are in doubt about the power supply, its plug, or its connection, consult a competent electrician.

The model number, serial number and electrical rating of your Wireless Extender are on a label on its rear.

Let's Get Started - Set Your Operating Mode

Set up the Wireless Extender with these instructions.

- If you want to connect to your gateway or modem with a wired connection and use the Extender for Wi-Fi service, set up the Extender **as an ACCESS POINT**.
- If you want to connect to your gateway or modem wirelessly, and spread your wireless network to areas with weak signals, set up the Extender **as a REPEATER**.

Set the mode switch on the back of the Extender to the operating mode you want. Open up the rest of this Quick Start Guide and follow the instructions inside to set up your Extender.

Repeater Access Point

Repeater Access Point

How Will You Use the Wireless Extender?

You can set up the Wireless Extender to provide Wi-Fi signals to your home. This can improve the reach of your existing Wi-Fi network, or extend a network from your internet gateway or modem. These two most common situations are illustrated and described below.

- Repeater:** Connect the Wireless Extender to your router/modem wirelessly and spread your wireless network to areas with weak signals.

Internet

Router/Modem

Ethernet cable

Router/Modem

Wireless Extender

Wireless Extender

Wireless Extender

Wireless Extender

Wireless Extender

Wireless Extender

How to Read Your Wireless Extender Lights

The Wireless Extender lights may show different conditions depending on if the Extender is set to Repeater or Access Point operation.

Access Point Mode	Color/Condition	Light	Color/Condition	Repeater Mode
Wireless Extender operating in access point mode	green	(Power and Mode)	blue	Wireless Extender operating in repeater mode
10/100/1000 Mbps Ethernet link with IP address received	green	(Gateway Link Quality)	green	Gateway uplink quality excellent
10/100 Mbps Ethernet link with IP address received	yellow		yellow	Gateway uplink quality good
No LAN link detected	red		red	Gateway uplink quality poor
Wi-Fi quality excellent	green	(Wi-Fi Quality)	green	Wi-Fi quality excellent
Wi-Fi quality good	yellow		yellow	Wi-Fi quality good
Wi-Fi quality poor	red		red	Wi-Fi quality poor
Client WPS in progress	flashing yellow		flashing yellow	Client WPS in progress

This is not a full table of all system light meanings. Other light settings may be related to setup or WPS operations, or useful for Customer Support troubleshooting.

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ARRIS,
Software Pedigree Operations,
2450 Walsh Avenue,
Santa Clara, CA 95051, USA

The ARRIS website opensource.arris.com also contains information regarding use of open source. ARRIS has created opensource.arris.com to serve as a portal for interaction with the software community-at-large.

