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QUICK START GUIDE

**SURFboard**<sup>™</sup>

Wired Extender with  
**RipCurrent**<sup>™</sup>

# What's in the Box



A



**B**



**C**

- A:** SBX-1000P Wired Extender
- B:** Ethernet Cable
- C:** Quick Start Guide

The SBX-1000P is a RipCurrent Wired Extender that can be added to an existing RipCurrent network to connect to additional Ethernet devices or -- with the RipCurrent Wi-Fi Extender (sold separately) -- create a RipCurrent network to connect to your existing network equipment.

Compatible ARRIS products include the SBR-AC3200P, SBR-AC1900P, or SBR-AC1200P Wi-Fi Routers, the SBX-AC1200P Wi-Fi Extender, or another SBX-1000P.

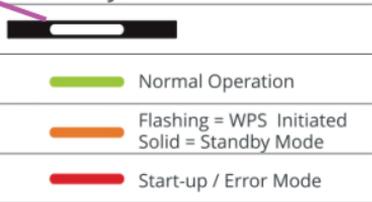
For Internet connections, you must have a cable, DSL, or satellite Internet Service Provider (ISP) service connection to the Internet.

For a video guide to setting up your extender, visit [youtu.be/ARfv2aUypLI](https://youtu.be/ARfv2aUypLI).

## Front Panel Primary LED



Primary LED



## Side Panel LED Status Indicator



### Encrypted



Solid = Pairing complete.

Flashing = Pairing in progress.

### Unencrypted



Solid = Connection complete.

Flashing = Connection in progress.

# Introduction

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1

Create a *RipCurrent*<sup>™</sup>  
Network





# A

This section describes how to set up a new RipCurrent network. If you already have a RipCurrent product, go to **Add RipCurrent Extenders to an Existing RipCurrent Network** on page 20.

To create a RipCurrent network so that you can connect to your existing network equipment, you must have an SBX-AC1200P RipCurrent Wi-Fi Extender (sold separately) in addition to this SBX-1000P RipCurrent Wired Extender.

**Plug** the SBX-1000P Wired Extender into an AC Outlet near your main router.

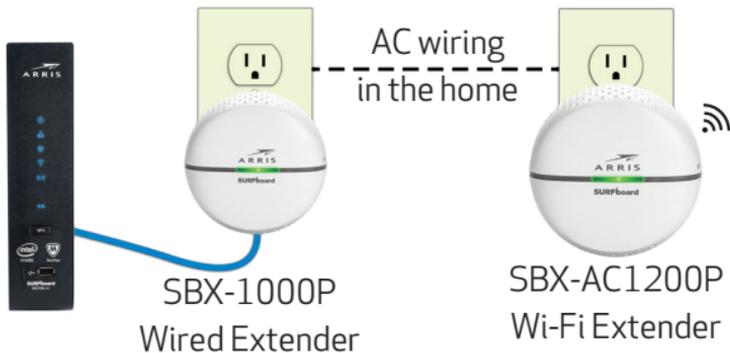
**Attach** an Ethernet cable between the Wired Extender and one of the Ethernet ports on the router.

**Plug** the SBX-AC1200P Wi-Fi Extender into an AC outlet near your main router.

The RipCurrent network connects automatically in non-encrypted mode (indicated by a red status LED on the side of your Extender).



**Plug** the SBX-AC1200P Wi-Fi Extender into an AC outlet near your main router. The RipCurrent network connects automatically in non-encrypted mode (indicated by a red status LED on the side of your Extender).



## B

**Check** the RipCurrent Link Quality LED on the side of your SBX-AC1200P Wi-Fi Extender to determine the signal strength.

**Red** = Fair signal

**Amber** = Good signal

**Green** = Excellent signal

If the LED is red or amber, consider adjusting the location to find a better signal.

Once you're satisfied with the connection quality, you can begin installing the next extender, if you have more than one to install.



# C

**Change** the RipCurrent Network Extenders to match your current Wi-Fi network name and password by using an Ethernet cable to connect the port on the SBX-AC1200P to a laptop computer.





## D

**Access** the Web Manager of the SBX-AC1200P.  
Set up a static IP address on your connected device.  
Refer to the SBX-AC1200P User Guide or the user guide for your device for more details.  
Use 192.168.100.253 for the static IP address.  
Open a browser and navigate to  
**<http://192.168.100.254>**

Log into the Web Manager

Log in = **admin**

Password = **password**

Use the Quick Start Wizard to set up your Wi-Fi network name and passkey, as well as to change your Web Manager log in credentials (highly recommended).

To encrypt your RipCurrent network and adjust other advanced settings, see the SBX-1000P User Guide at the ARRIS Support website,

**[www.SURFboard.com/Support/SBX-1000P](http://www.SURFboard.com/Support/SBX-1000P)**.





2

Add *RipCurrent*<sup>™</sup>  
Extenders to an  
Existing *RipCurrent*<sup>™</sup>  
Network

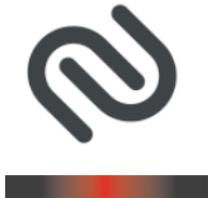
(sold separately)



# A

This section describes how to add RipCurrent Extenders to an existing RipCurrent network. If you need to create a new RipCurrent network, go to **Create a RipCurrent Network** on page 10.

**Plug in** your RipCurrent Extender, into an AC outlet close to the RipCurrent Wi-Fi Router. The RipCurrent network will connect automatically in a non-encrypted mode, indicated by a red status LED (located on the back of your Router or the side of your Extender).



# B

**Relocate** the Extender to the room where you want to connect an Ethernet device.

Use the SBX-1000P Wired Extender anywhere you need to connect an Ethernet device such as a TV or gaming console to the network.





# C

**Check** your RipCurrent signal strength. Rear panel LEDs on the Router and on RipCurrent Extenders will indicate the signal strength.

**Red** = Fair signal

**Amber** = Good signal

**Green** = Excellent signal

If the LED is red or amber, consider adjusting the location to find a better signal.

Once you're satisfied with the connection quality, you can begin installing the next extender, if you have more than one to install.





# 3

## Troubleshooting





**No Internet Connection**

Check the status of your Internet modem and the connecting Ethernet cable.





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For additional assistance with your SURFboard Extender, ARRIS is here to help. Visit [www.arris.com/selfhelp](http://www.arris.com/selfhelp) for self help, FAQs, product manuals, and live chat with support staff. Send us an e-mail via our consumer web site or give a call to **1-877-466-8646**.