

Evolve AP799 Wireless Router

Quick Guide

Thank you for purchasing Evolve AP799 wireless router.

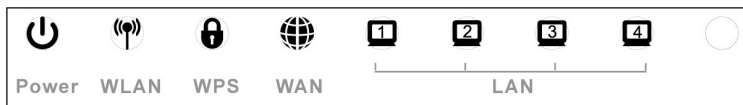
This guide will help you set the wireless router for Internet connection and wireless networking. Before you continue, please ensure that the Internet connection is working on your ADSL/Cable Modem.

Functional Overview

The Indicators on the Front Panel

Note:

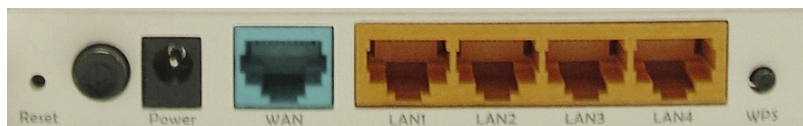
The figures in this document are for reference only.



LED Indicator	Color	Status	Description
Power	Green	On	Power is on.
	Green	On	The device runs normally.
	-	Off	Power is off or the device is down.
WLAN	Green	On	Radio switch is turned on.

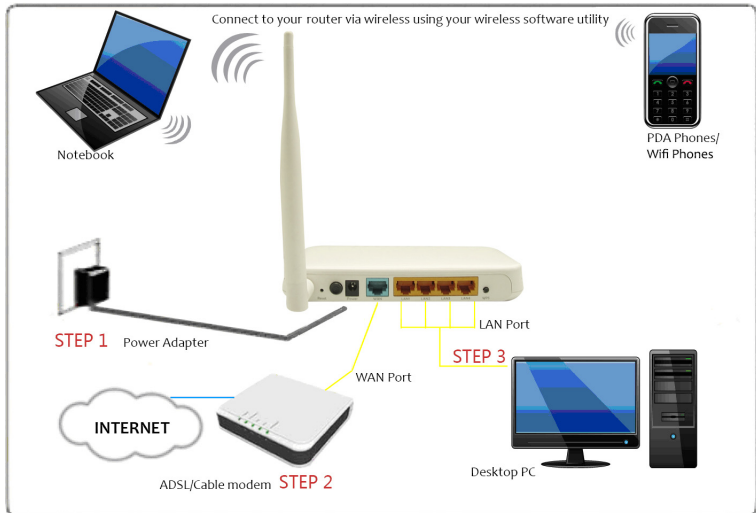
LED Indicator	Color	Status	Description
	Green	Blink	Data is being transmitted.
	-	Off	Radio switch is shut off.
WPS	Green	On	Connection succeeds.
	Green	Blink	Negotiation is in progress.
	-	Off	No connection.
WAN	Green	On	Connection succeeds.
	Green	Blink	Data is being transmitted.
	-	Off	No WAN connection.
LAN1/LAN2/ LAN3/LAN4	Green	On	LAN connection succeeds.
	Green	Blink	Data is being transmitted.
	-	Off	No LAN connection.

The Interfaces and Buttons on the Rear Panel



Interface/Button	Description
Reset	Press the button for 3 seconds and then release it. System restores the factory default settings.
Power	Power socket, for connecting the power adapter.
WAN	WAN interface, for connecting WAN or the uplink network devices.
LAN1~LAN4	LAN interface, for connecting hub, switch, or computer on LAN.
WPS	WPS: If WPS is enabled, press this button for 1 second, and then the wireless router starts to accept the negotiation of PBC mode.

Setup Diagram Using ADSL/Cable Modem



- Step1** Connect one end of the power adapter to the power interface on the wireless router, and connect the other end to the power socket on the wall.
- Step2** Connect the ADSL/Cable Modem to the WAN interface on the wireless router.
- Step3** Connect your PC to the LAN interface on the wireless router.

Note:

You can connect to the router wirelessly by using the wireless configuration tool on the wireless client. Please ensure that your Modem's LAN IP address does not conflict the router's IP address.

Connect to the Internet Using ADSL/Cable Modem

To connect to the Internet via the Web user interface, do as follows:

1. Open your Internet web browser.
2. Enter **http://192.168.254.1** in the IE address bar and press the **Enter** key.
3. Enter the username and the password in the login page. The default username and password are **admin** and **admin** respectively.
4. Click the **Setup Wizard** tab, and then follow the step-by-step guide to set the wireless router.
5. Click **Next** to continue.
6. Select the proper WAN interface type and then click **Next** to continue. The default WAN interface type is **DHCP (Auto Config)**. The wireless router will automatically acquire the IP address, subnet mask, gateway and so on.
7. Configure the basic wireless parameters for the wireless router and then click **Next** to continue. You may set a SSID, select a proper wireless mode and configure the wireless security settings.
8. Click **Finish** to complete the wizard settings.

Change the IP Address of the Wireless Router

The default IP address of the wireless router is 192.168.254.1. If your router's IP address is in the "192.168.254.x" network segment, please follow the steps below to change the IP address of the wireless router.

1. Log in to the Web user interface, and then choose the **Network Settings > LAN Interface Settings**.
2. In the **LAN Interface Settings** page, you can change the IP address and subnet mask of the wireless router.
3. Click **Save** to save the settings.

EVOLVE

SuperConnect AP799

Running Status

Setup Wizard

Network Settings

- Operating Mode
- LAN Interface Settings
- WAN Interface Settings
- MAC Address Cloning

Wireless Settings

- DHCP Server
- Forwarding Rule
- Security Options
- Access Control
- Routing Settings
- IP Bandwidth Control
- IP and MAC Binding
- Dynamic DNS Settings
- System Tools

LAN Interface Settings

In this page, you can set the basic network parameters of the LAN interface.

MAC Address

00:1F:A4:B4:18:A0

IP Address

192.168.1.1

Subnet Mask

255.255.255.0

Save

Cancel

Help

MAC Address: The LAN MAC address of the router.

IP Address: The LAN IP address of the router. The default gateway of all computers in the LAN must correspond to this IP address.

Subnet Mask: The LAN subnet mask of the router. Usually, it is 255.255.255.0. The subnet masks of all computers in the LAN must be consistent to this subnet mask.

Caution:
1. If the LAN IP address changes, you must use the new IP address to log in to the router, in order to access the Web configuration page.
2. If the new LAN IP address is in a different network segment from the original LAN IP address, the dynamic IP service of the router is automatically switched to work in the network segment of the new LAN IP address. To apply virtual server/DNAT host and DHCP Static Address Allocation, please perform the settings again.

Connect to Your Router Wirelessly

By default, the wireless function of the wireless router is enabled. Please follow the steps below to configure the basic parameters of the wireless settings.

1. Log in to the Web user interface, and then choose the **Wireless Settings > Basic Settings**.
2. In the **Basic Settings** page, enable the wireless function. You may also set the SSID, channel, MCS and so on.
3. On the wireless client, search the SSID of the wireless router via the wireless configuration utility, and click the **Connect** button on the wireless configuration utility to connect to the wireless router.

Running Status

Setup Wizard

Network Settings

Wireless Settings

Basic Settings

Wireless Security Settings

Wireless MAC Address Filter

Advanced Wireless Settings

Wireless Client List

WPS Settings

WDS Settings

DHCP Server

Forwarding Rule

Security Options

Access Control

Routing Settings

IP Bandwidth Control

IP and MAC Binding

Dynamic DNS Settings

System Tools

Basic Settings

In this page, you can set the basic network parameters of the wireless network of the router.

Wireless Network	
Wireless Status	wireless disable <input type="checkbox"/> Display multiple SSID <input type="checkbox"/>
SSID1	Evolve_AP799 <input type="checkbox"/> Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Mode	11b/g/n mixed mode <input type="button" value="v"/>
Channel	AutoSelect <input type="button" value="v"/>
Broadcast Network Name (SSID)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
SSID Internal Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
MBSSID AP Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
BSSID	
Frequency Bandwidth	<input type="radio"/> 20 <input checked="" type="radio"/> 20/40
MCS	Auto <input type="button" value="v"/>