



WAP-5836

Wireless Extender

QUICK INSTALLATION GUIDE



Introduction

This Quick Installation Guide will help you to quickly and easily install your Wireless Extender devices by performing the few simple steps described below. Before you begin, check that you have:

- One WAP-5836 Wireless Extender
- One CAT5 Ethernet Cable
- One Power Adapter
- One Quick Installation Guide

Easy Installation

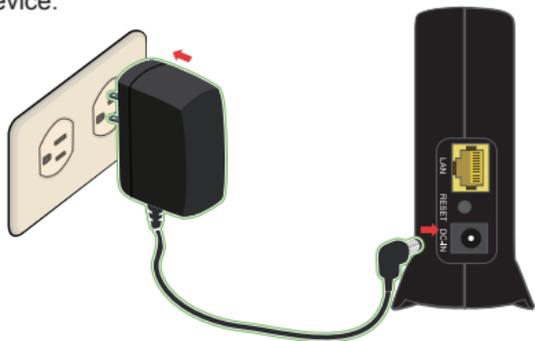


Using a power supply with different voltage rating than the one included with the WAP-5836 device may cause damage and void the warranty for this product.

Step 1 - Placement and Connections

A. Setting an AP device

1. Place one WAP-5836 device on an easily accessible surface near the Home Gateway or Router. Make sure the Gateway or Router is powered on and active.
2. Plug one end of the Ethernet cable into the LAN port of the Home Gateway device and the other end into the Ethernet port of the WAP-5836.
3. Ensure that the DHCP Server functionality on your Home Gateway or Router is enabled. The WAP-5836 device that gets a DHCP IP Address will be automatically set in Access Point (AP) mode for a simplified setup process.
4. Plug in the power adapter included in your package, and connect it to the WAP-5836 device.



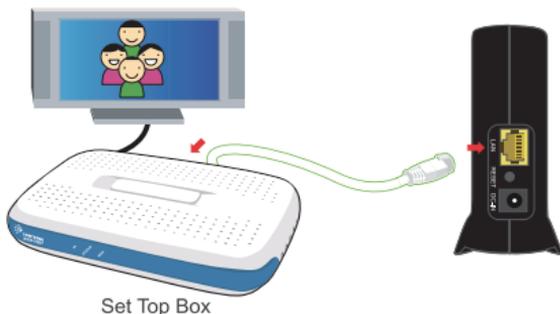
Home Gateway

Make sure that the  LAN LED on the WAP-5836 is flashing blue.



B. Setting a Client device

1. Place another WAP-5836 device on an easily accessible surface near a set top box, game console or other network device. Connect the two devices with the supplied Ethernet Cable and connect the power adapter to power on the WAP-5836.
2. Since the WAP-5836 will not receive an IP address from an end-device, it will automatically be set to Client mode.



Make sure that the  LAN LED on the WAP-5836 Client is flashing blue.

For best wireless performance, place the devices on a shelf or other elevated location and away from large metallic objects.



Pairing

For initial pairing, it is recommended that you place the WAP-5836 AP and Client devices within the same room. Once paired, they then can be put in their desired locations.

Step 1. Pair the devices:

Press the WPS button on the “AP” front panel for 3-5 seconds and release it.

The  WPS LED will begin flashing blue.

Press the WPS button on the “Client” for 3-5 seconds and release it.

The  WPS LED will begin flashing blue.



NOTE – The WPS buttons can be pressed in any order as long as they are pressed within 2 minutes of each other.

Step 2. Wait for the pairing process to complete by watching the LEDs on the devices:



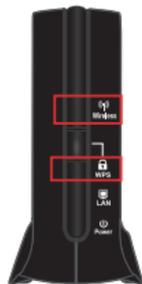
- The LEDs will flash blue for a few seconds after pressing the WPS button for both AP & Client.
- The LEDs will change to solid blue after successful pairing and turn off two minutes later.



- The Wireless LEDs will then be solid blue.
- The Client wireless LED could be solid amber when the association is not able to receive a high quality HD stream.



- If pairing is unsuccessful:
- The LEDs will flash blue for two minutes and then turn off.



Congratulations! You have finished installing your new Wireless Extender devices. To test your connectivity, turn on your networking device and try to access online content or the Internet (if supported by your device).

Note: To add additional WAP-5836 Clients to your network, you will need to perform the pairing procedures as explained above.

Troubleshooting

- **The  Power LED is not on**

Make sure that:

- The power cord is connected to the device, and that the power adapter is properly connected to a functioning power outlet.
- You are using the power adapter that was supplied with the product.

- **The  LAN LED is not on**

Make sure that:

- The LAN cable connectors are securely plugged in at the WAP-5836 and at the network device (gateway, modem or set top box).
- The connected network device is turned on.
- You are using the correct cable type for your Ethernet equipment, which is at least UTP CAT5 with RJ45 connectors.

Advanced Settings via the Web-based User Interface



The instructions below are for users who have adequate networking knowledge. Users are not encouraged to configure the following settings because this may cause connectivity issues.

- Note:
- If you are connecting to the WAP-5836 directly from a PC, be sure to set a static IP in the same range as the AP or Client unit (e.g. 10.0.0.25) to access the Web Configuration page.
 - If the WAP-5836 is connected to a Gateway or Router that has a DHCP server, it will automatically get an IP address from that device. Be sure to check your Gateway or Router to see what IP address was given to the WAP-5836 units and use that to log in to the Web Configuration page.

Step 1. Log into the WAP-5836 web GUI through a browser such as IE with either the IP address the device was given by your DHCP server, or the default IP address of 10.0.0.10 for devices that have yet to be paired.

Step 2. Type default Username: **root** and Password: **12345**



COMTREND

Wireless Extender

IP: 10.0.0.2

Username:

Password:

Advanced Troubleshooting

• The WPS function is not working

Make sure that:

- The devices are in either AP or Client mode.
- The WPS function is activated on the AP device.
 - a. Enter into the WAP-5836 Web GUI
 - b. Type default Username: **root** and Password: **12345**



COMTREND **Wireless Extender**

IP: 10.0.0.2

Username:

Password:

c. Change the security mode to WPA2-PSK in Security Settings by selecting it in the drop-down menu.



COMTREND **Wireless Extender**

Configuration Monitor Logout

Security Settings

Security Mode:

Pass Phrase:

d. Enable WPS in WPS settings and press the “Apply” button.



COMTREND **Wireless Extender**

Configuration Monitor Logout

Wi-Fi Protected Setup

WPS:

WPS Progress:

WPS Status:
WPS: Idle

• Complete the pairing procedures as described in the Pairing section.



• **The Wireless LED is not on**

- Make sure that you have completed a successful pairing procedure as described in the Pairing section.

FOR MORE HELP: If you have further questions or require personal assistance, please contact your equipment provider.

