



GET STARTED

CoreDy E300

Mini Range Extender/Access Point/Router

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Quick Installation Guide

Below setup guide just for REPEATER Mode. If you need setup by AP and Router mode, please refer to User Manual. More details about troubleshoots please go to User Manual.

Preparing:

1. Route works normal.
2. Switch the side button of repeater into “**ON**” & “**Repeater**”
3. Electrical Outlet close to router.

Setup Process

Web-Browser Method:

1. Plug it into an electrical outlet (closest to your primary router/WiFi access point)
2. Use your Smart-Phone to connect with the repeater (find “**Coredy E300**” and connect with it, if password request try PIN number of the rear panel)
3. Visit **http://ap.setup/** or the IP address **192.168.10.1** from a web browser.
4. Log-in to the Admin Page by using “**admin**” in a lower-case for both username and password, and then click “**repeater wizard**” in the next window.
5. Choose your Router's/AP's network in the next window and select it.

6. Enter your Router's/AP's WIFI password in the Password/WIFI Key/Security key column and click on **"Apply"**
7. In the next window, you'll see the reboot process with a Bar. When the Bar reaches 100%, (Leave the device for 1 minute to let it reboot itself).
8. Open the list of available networks again using your smartphone. Find out the New SSID **"Coredy E300_EXT"** and connect with it using the same password as of your primary router/AP.
9. If the internet works, unplug Coredy E300 and plug it halfway between your Router and the Device intended for the internet usage/dead zones in your home where you were getting low to no WIFI signals.

WPS - Method:

You can also use the WPS function as an alternative Set-up method, if you have a WPS button available on your primary router.

Hold the WPS button of your Primary Router/WiFi AP till the WPS LED starts blinking.

Press and hold the WPS 3 seconds on the Rear Panel.

Once WPS light starts blinking on it as well, please wait for a minute for The primary router/AP and the Extender E300 to pair up and then connect to the **"Coredy E300_EXT"** SSID in your Smart Phone using your primary router's WIFI password.

User Manual

Overview

The Coreddy E300 WiFi Range Extender is a network device with multifunction, which can be used for increasing the distance of a WiFi network by boosting the existing WiFi signal and enhancing the overall signal quality over long distances. An extender repeats the signals from an existing WiFi router or access point.

The Coreddy E300 WiFi Range Extender also can be used as an Access Point or Router.

Package Contents:

Coreddy E300 Mini WiFi Range Extender x 1

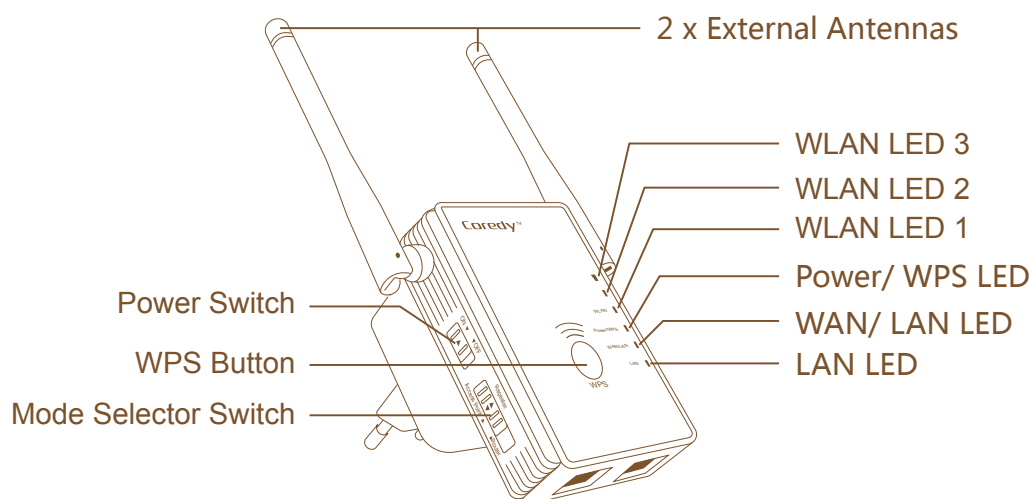
Quick Installation Guide x 1

User Manual x 1

RJ-45 Networking Cable x 1

Reset Pin x 1

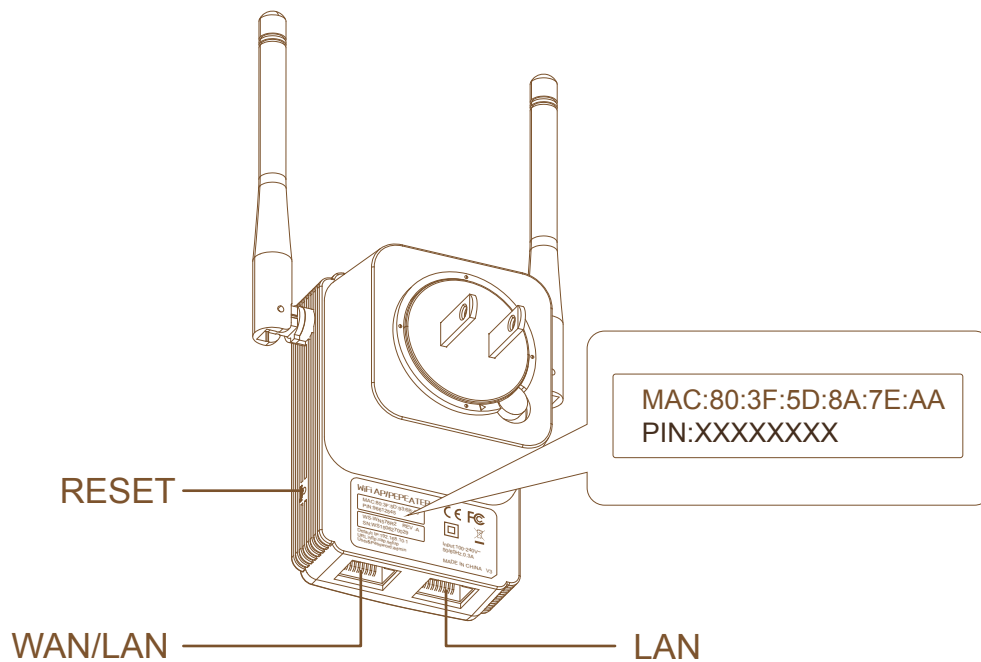
Front Panel



Before you install your extender, familiarize yourself with its LEDs, buttons, and port.

Rear Panel

Some computer required to type the password (pin number on the label) during the initial login.



LED Descriptions




Power/WPS LED

Lit amber. The E300 is starting.

Blinking. Press and hold the WPS 3 seconds on the Rear Panel lets you use WPS to join the WiFi network without typing the WiFi password. The WPS LED blinks amber during this process.

Off. Power is not supplied to the router.

WLAN LED 1 – LED 3

Mode \ LEDs	LEDs			Description
	 1	 2	 3	
Access Point	ON	ON	ON	Wi-Fi fadio is operating
Router	ON	ON	ON	Wi-Fi fadio is operating
Repeater	Blinking	OFF	OFF	No connection (This LED indicates the connection between the extender and the router or access point)
	ON	ON	ON	Best connection
	ON	ON	OFF	Good connection
	ON	OFF	OFF	Poor connection

WAN/LAN LED

Lit amber. The E300 is starting.

Blinking fast. The port is sending or receiving traffic.

Off. No Ethernet cable is connected.

LAN LED

Lit amber. The extender has detected an Ethernet cable connection to the AP or other device.

Blinking fast. The port is sending or receiving traffic.

Off. No Ethernet cable is connected.

Using as a Extender

When to Use Your Extender

We recommend that you connect through the extender network only when the WiFi device is in a “dead zone” where connection from the existing network is poor or nonexistent. Data traffic routed through the extender is inherently slower than traffic routed directly from the network.

How the Extender Works

The extender works like a bridge between a WiFi router (or a WiFi access point) and a WiFi device outside the range of the WiFi router. The extender performs two main jobs:

- The extender connects to a working WiFi network. When the extender connects over WiFi to an existing network, it functions as a network client, similar to how a WiFi device connects to a network.
- The extender acts as an access point for WiFi devices. The extender broadcasts its own WiFi network that WiFi devices can join. In its role as an access point, the extender performs tasks that WiFi routers do, such as broadcasting its network name (SSID).

The extender must do each of these jobs so that both ends of the bridge are in place.



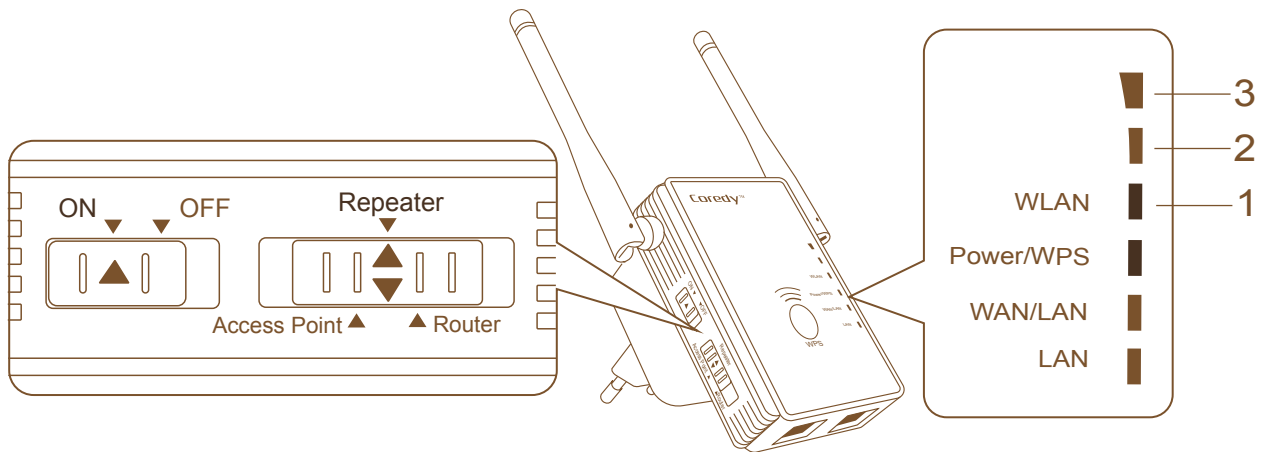
WiFi Range Extender
Boosts the range of your existing WiFi and creates a stronger signal in hard to reach areas.

Existing WiFi
sometimes your router does not provide the WiFi coverage you need

1 Power on the Extender

Turn the Power On/Off button to “On” and Mode Switch Button to “Repeater” on the side of the extender, plug the extender into an electrical outlet, place your extender in the same room as your WiFi router.

Proximity to the WiFi router is required only during the initial setup process.



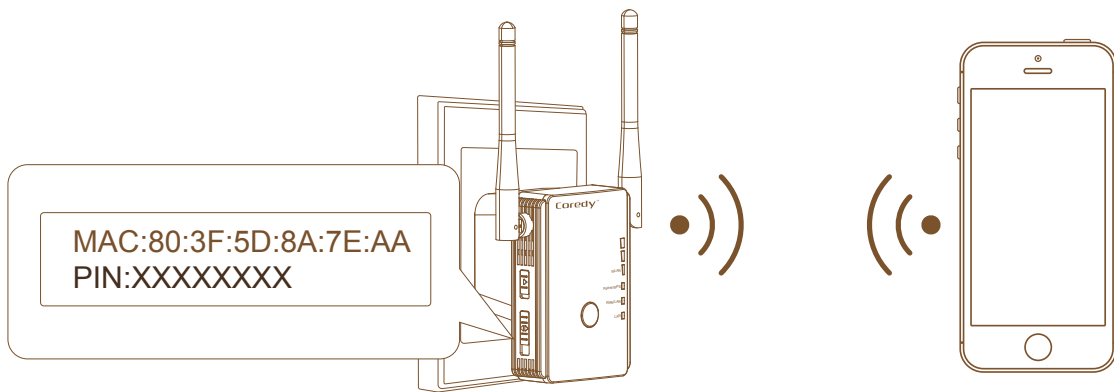
2 Connect to an Existing WiFi Network

To extend the range of your WiFi network, you must connect the extender to your existing WiFi network. You can do this in one of two ways:

- Method 1. **Connect with a web browser.**
- Method 2. **Connect with WPS.** For more information, see **Method 2: Connect with WPS.** For more 11.

Method 1: Connect with a web browser

1. Use a WiFi network manager on a computer or mobile device (recommended) to find and connect to the extender WiFi network “**CoreDy E300**” , type the password (PIN number) on the label of rear panel extender if required.



2. Launch a web browser, enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the web browser, when prompted, enter **admin** for the user name and **admin** for the password, both in lowercase letters.
3. Click the **Repeater** in the Mode Wizard field.
4. Click the Select button to choose a WiFi network to extend

←

Wireless Repeater Mode

SSID	Channel	Security	Signal	Select
Your Target Network Name	6	WPA2-PSK		<input checked="" type="radio"/>
David	11	WPA2-PSK		<input type="radio"/>

Connect to Your Target Network Name

Repeater SSID

Security key

Hide Password

The Repeater Wireless key same as your Wireless AP/Router

Apply
Refresh

Note: Click the Refresh button if the wireless Network list couldn't load completely or successfully.

5. In the Key (Network password) field, type the existing WiFi network password (also called the passphrase or security key) and click the Apply button, wait 1 minute to reboot the extender.

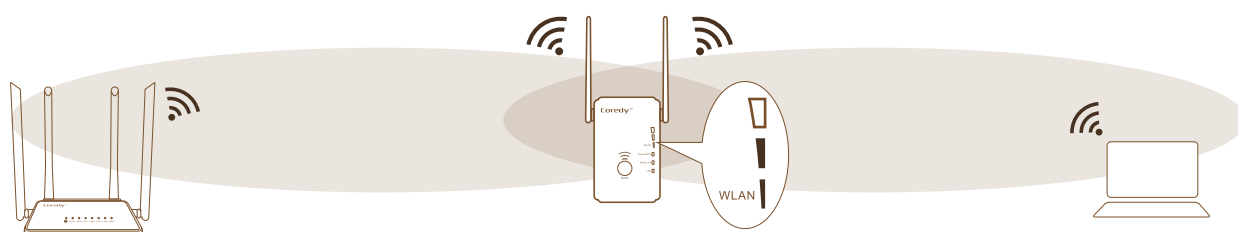
6. Find and connect to the new extended WiFi network on your computer or WiFi device.

The extender creates a new extended WiFi network. The extender's new WiFi network name is "**Coreddy E300_EXT**", use the same WiFi password that you use for your WiFi router.

Note: If the extender doesn't connect to the router, the WLAN LED 1 keeps blinking and the extender's new WiFi network name doesn't change to "**Coreddy E300_EXT**".

If the WLAN LED 1 keeps blinking and the extender's new WiFi network name change to "**Coreddy E300_EXT**", you might type the incorrect password during on step 5.

7. Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal.



The location that you choose must be within the range of your existing WiFi router network.

Use the WLAN LED 1 – LED 3 to help you choose a spot where the extender-to-router connection is optimal.

9. If only the WLAN LED 1 light amber , plug the extender into an outlet closer to the router and try again.

Keep moving the extender to outlets closer to the router until the WLAN LED 1 , LED 2 and LED 3 light amber simultaneously.

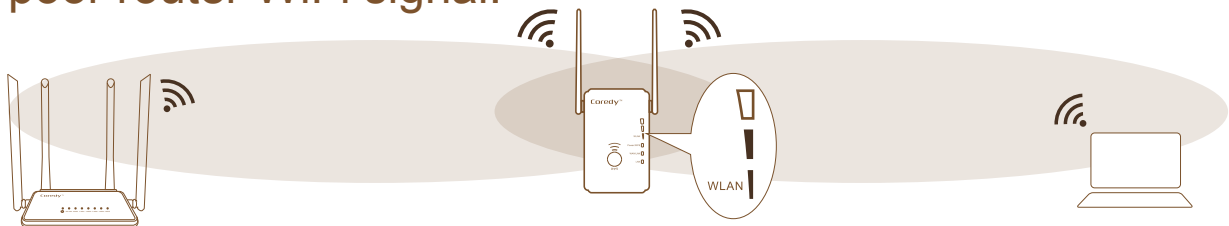
Note: Place the extender in an elevated location and minimizing the number walls and ceilings between the router and your other devices.

Method 2: Connect with WPS

Wi-Fi Protected Setup (WPS) lets you join a secure WiFi network without typing the network name and password.

Note: WPS does not support WEP network security. If you are using WEP security, follow the instructions in **Method 1: Connect with a web browser** on **page 8**.

1. Press the WPS button on the front panel of the extender.
The WPS LED blinks.
2. Within two minutes, press the WPS button on your router or access point.
When the extender connects to your existing WiFi network successful, the extender's new WiFi network name will change to "**Coredy E300_EXT**", and the **WLAN LED1 - LED 3** will light amber (check the WLAN LED Descriptions on Page 5), confirm it on your computer or WiFi device.
If the extender could not connect to your existing WiFi network, try again. If it still does not work, see **Method 1: Connect with a web browser on page 8.**
3. Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal.



The location that you choose must be within the range of your existing WiFi router network.

4. Use the WLAN LED1 – LED 3 to help you choose a spot where the extender-to-router connection is optimal.
5. If only the WLAN LED 1 light amber , plug the extender into an outlet closer to the router and try again.
Keep moving the extender to outlets closer to the router until the WLAN LED 1 , LED 2 and LED 3 light amber simultaneously.

Note: Place the extender in an elevated location and minimizing the number walls and ceilings between the router and your other devices.

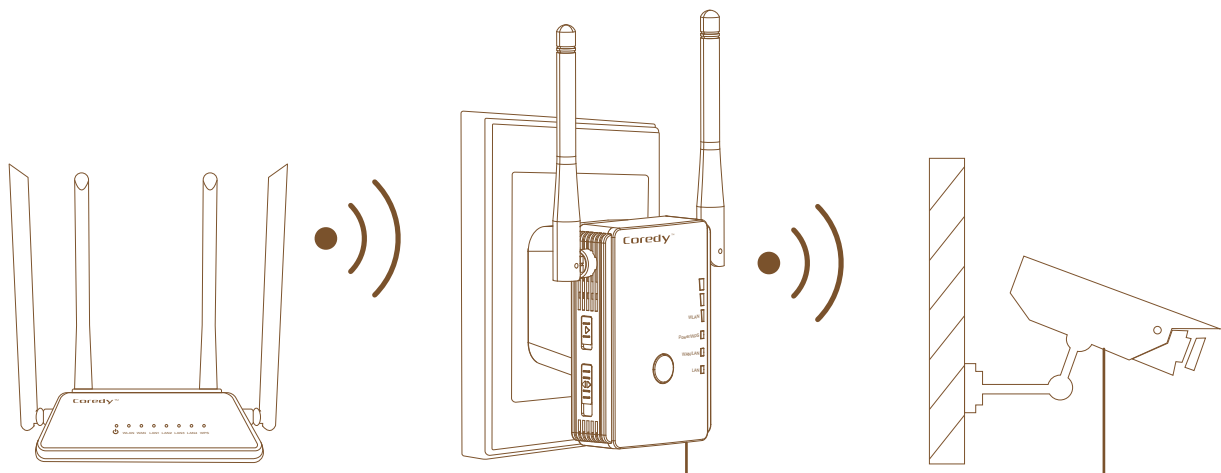
6. Find and connect to the new extended WiFi network on your computer or WiFi device.

The extender creates a new extended WiFi network. The extender's new WiFi network name is "**CoreDy E300_EXT**", use the same WiFi password that you use for your WiFi router.

Note: If the extender doesn't connect to the router, the WLAN LED 1 keeps blinking and the extender's new WiFi network name doesn't change to "**CoreDy E300_EXT**".

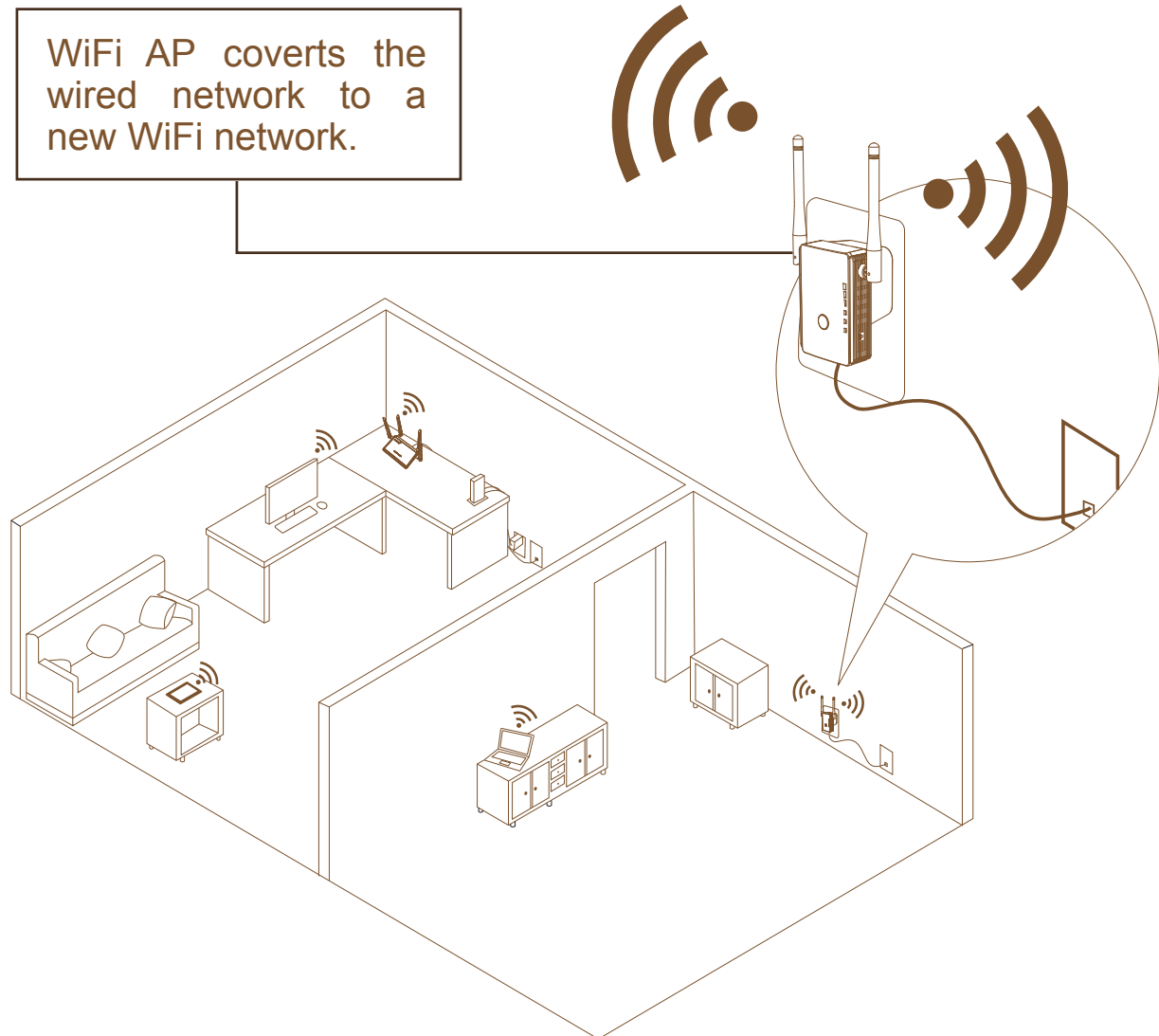
Connect an Ethernet-Enabled Device

After the extender is connected to your existing WiFi network, you can connect a wired device to the extender using an Ethernet cable. That device can then access your existing network through the WiFi connection.



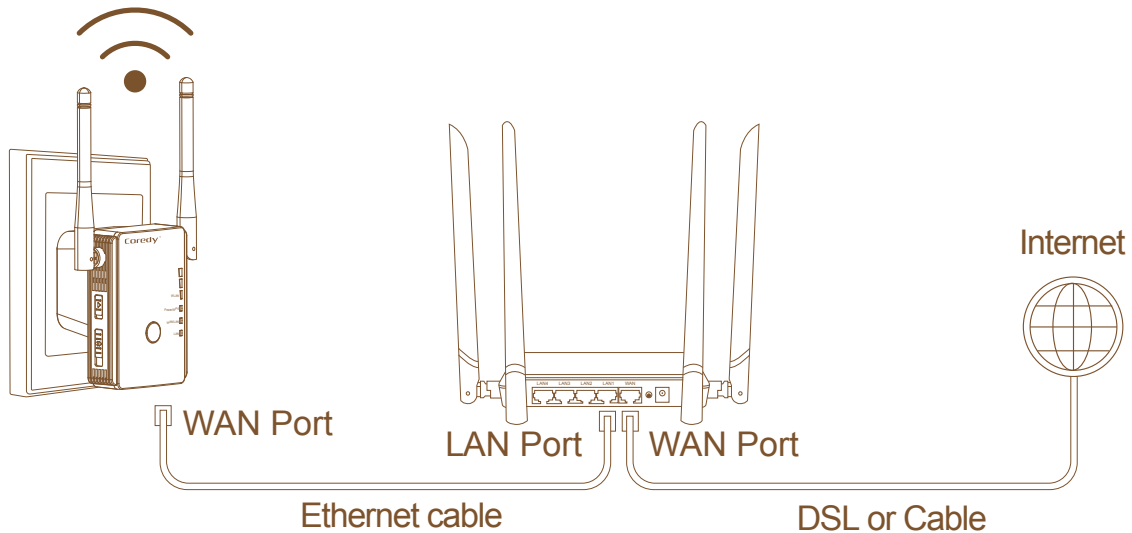
Using as a Access Point

The Coredy E300 WiFi Range Extender also can be used as an Access Point, An access point receives data by wired Ethernet (such as hotel's wired Ethernet), and converts to a 2.4Gig Hz wireless signal. It sends and receives wireless traffic to and from nearby wireless clients.

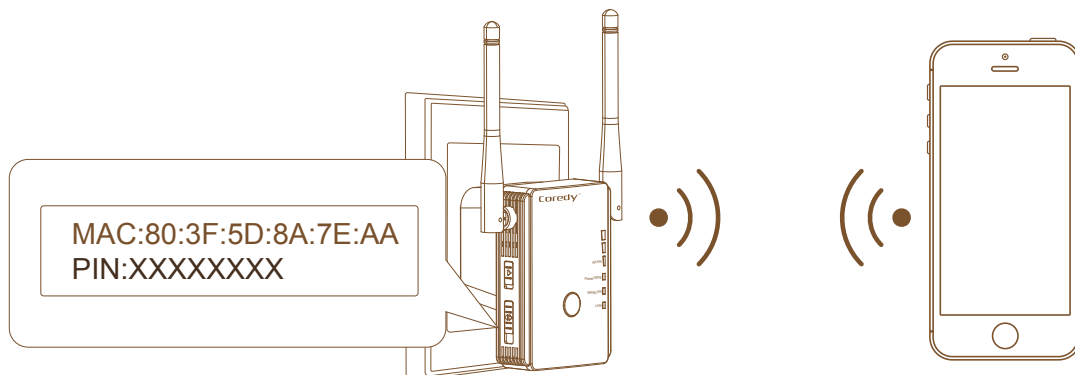


Cable Your AP

The following image shows how to cable your AP:



1. **Power on the AP**, turn the Power On/Off button to “On” and Mode Switch Button to “Access Point” on the side of the AP, plug the AP into an electrical outlet.
2. Connect the AP to your wired Ethernet port with the Ethernet cable came with your AP.
3. Use a WiFi network manager on a computer or mobile device (recommended) to find and connect to the AP WiFi network “**CoreDy E300**”, type the password (PIN number) on the label of rear panel AP if required.



4. Launch a web browser, enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the web browser, when prompted, enter **admin** for the user name and **admin** for the password, both in lowercase letters.
5. Click the **AP** in the Mode Wizard field.
6. Select the **Security Type as WAP/WPA2 Mixed (recommended)** and type the password of the WiFi Network in the **Key** field.

Wireless AP Mode

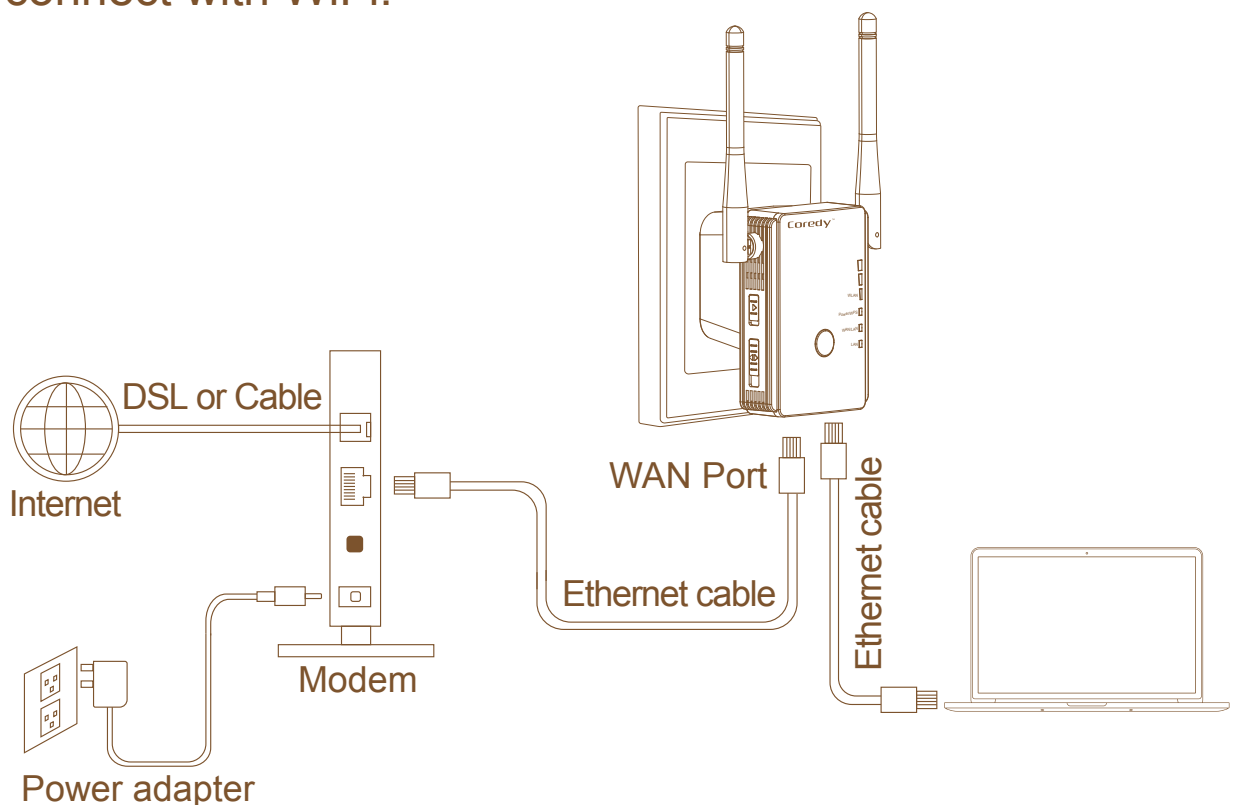
SSID	<input type="text" value="Coredy E300"/>
Channel	<input type="text" value="11"/>
Security Type	<input type="text" value="WAP/WPA2 Mixed"/>
Security Key	<input type="text" value="Password of the WiFi Network"/>
	<input type="checkbox"/> Hide Characters
	<input type="button" value="Apply"/> <input type="button" value="Cancel"/>

7. Click Apply button, the AP will take 1 minute to reboot.
8. Find and connect to the new converted WiFi network on your computer or WiFi device.
The AP creates a new extended WiFi network. The AP's new WiFi network name is "**Coredy E300**", use the WiFi password that you set.

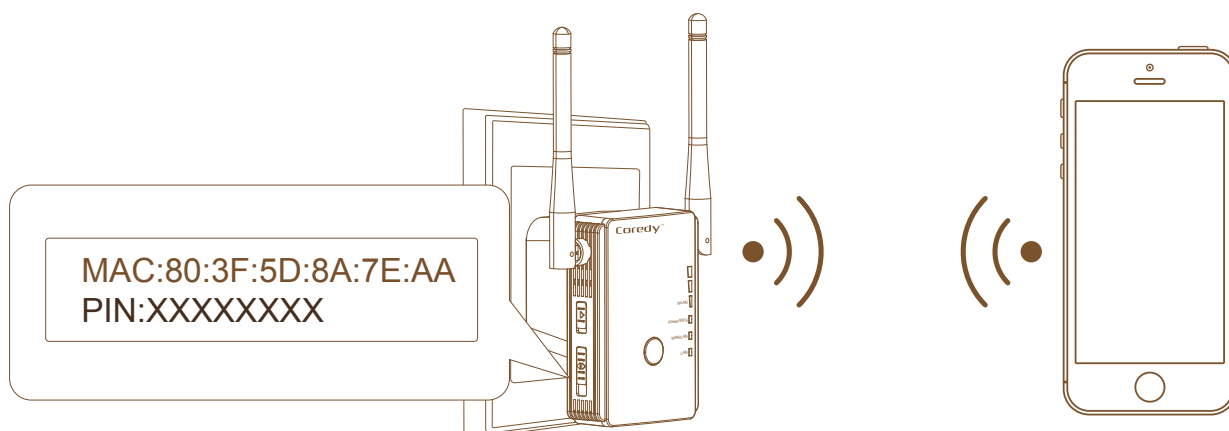
Using as a Router

The Coredy E300 WiFi Range Extender also can be used as a Router.

1. **Prepare your modem** unplug your modem's power. If it has a battery backup, remove the battery.
2. **Connect your modem**, plug in your modem, Put the battery back in. Then cable the modem to the blue WAN port on the router.
3. **Power on the router**, turn the Power On/Off button to “On” and Mode Switch Button to “Router” on the side of the router, plug the router into an electrical outlet.
4. **Connect a computer**, you can use an Ethernet cable or connect with WiFi.




We recommend that using a smart phone to connect with WiFi, the default WiFi network name is “CoreDy E300”, type the password (PIN number) on the label of rear panel router if required.



5. Launch a web browser, enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the web browser, when prompted, enter **admin** for the user name and **admin** for the password, both in lowercase letters.
6. Click the **Router** in the Mode Wizard field.
7. **Configuring the internet connection**, Before start connect to the internet, you might need the following information to set up your router, if you cannot locate this information, ask your internet service provider (ISP) to provide it.
 - The ISP configuration information for your DSL account
 - DSL user name and password
 - Dynamic IP or static IP address settings (special deployment by ISP, this setting is rare)

If your ISP provides you the DSL details, Select “ ADSL Dial-up (PPPoE) “, enter the DSL user name and password, select the Security Type as “WPA/WPA2 Mixed” (recommended) and set the Wi-Fi Network password in “Key” field, click Apply button, the router will take 1 minute to reboot.



Wireless Router Mode

Internet service providers offer a fixed IP address (static IP)
 Automatically obtain an IP address (dynamic IP)
 ADSL Dial-up (PPPoE)

User Name
Password
 Hide Characters

SSID
Channel
Security Mode
Key 24
 Hide Characters

8. Position Your Router

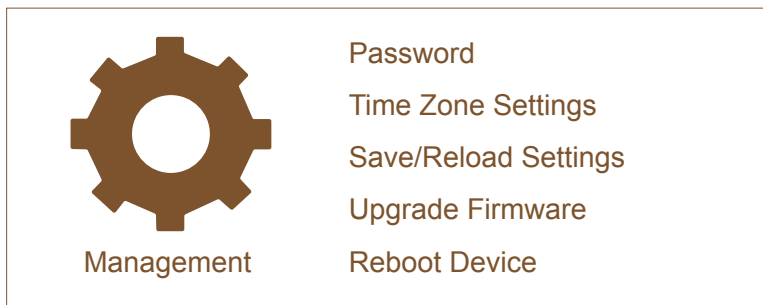
The router lets you access your network anywhere within the operating range of your wireless network. However, the operating distance or range of your wireless connection can vary significantly depending on the physical placement of your router.

- 1) Place your router near the center of the area where your computers and other devices operate, and within line of sight to your wireless devices.
- 2) Make sure that the router is within reach of an AC power outlet and near Ethernet cables for wired computers.
- 3) Place the router in an elevated location, minimizing the number walls and ceilings between the router and your other devices.
- 4) Place the router away from electrical devices such as these:
 - Ceiling fans
 - Home security systems
 - Microwaves
 - Computers
 - Base of a cordless phone
 - 2.4 GHz cordless phone
- 5) Place the router away from large metal surfaces, large glass surfaces, and insulated walls such as these:
 - Ceiling fans
 - Home security systems
 - Microwaves
 - Computers
 - Base of a cordless phone
 - 2.4 GHz cordless phone
- 6) (Optional) If you have adjacent access points, use different radio frequency channels to reduce interference.

Change the Extender Settings

1 To change the admin password

1. Launch a web browser.
2. Enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the browser login screen displays.
3. Enter admin for the user name and admin for the password, both in lowercase letters. The BASIC Home screen displays.
4. Select “Password”
5. Type your new user name and password twice.
6. Click the Apply button, Your changes are saved.

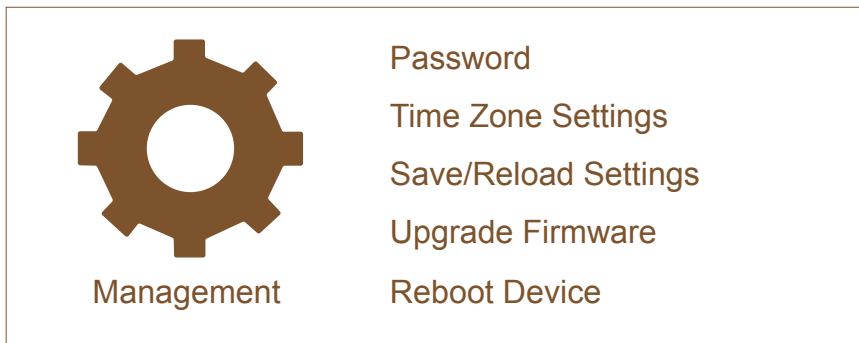


2 To set up the time of Extender

Set up the time and time zone of the extender

1. Launch a web browser.
2. Enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the browser login screen displays.
3. Enter admin for the user name and admin for the password, both in lowercase letters. The BASIC Home screen displays.

4. Select the Time Zone Settings.



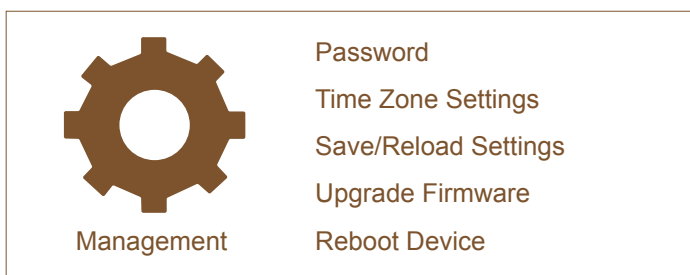
5. Enter the Current Date and Current Time in field, click Apply.

3 Save/Reload your Extender setting

You can use this feature to save your extender's setting and reload it easy when you reset the router to factory setting or update the router firmware.

1. Launch a web browser.
2. Enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the browser login screen displays.
3. Enter admin for the user name and admin for the password, both in lowercase letters. The BASIC
4. Home screen displays.

Select Save/Reload Setting

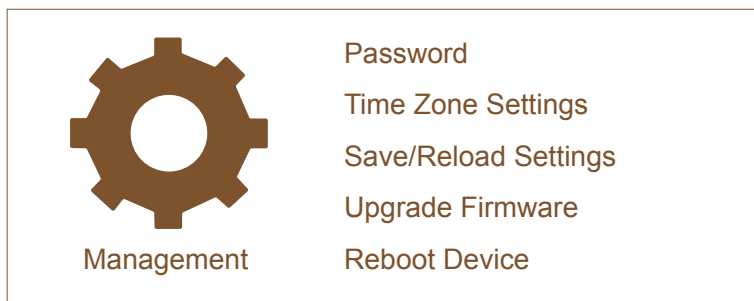


5. Click the Save button to save the current setting and click browse and upload to reload the saved setting.

4 Update the Extender Firmware

The extender firmware (routing software) is stored in flash memory. You might check if new firmware is available at www.coredytech.com and to update your product.

1. Launch a web browser.
2. Enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the browser login screen displays.
3. Enter admin for the user name and admin for the password, both in lowercase letters. The BASIC Home screen displays.
4. Select Upgrade Firmware



5. Select a firmware file and click Upgrade.

WARNING:

To avoid the risk of corrupting the firmware, do not interrupt the upgrade. For example, do not close the browser, click a link, or load a new page. Do not turn off the router.

6. Reset the extender to factory setting after reboot finished.

5 Hide extender's wireless network

You can hide the wireless network that which is hidden and does not display in your wireless client's scanning list, other people cannot join the wireless network if they don't know your wireless network SSID name exactly. For example, the Wi-Fi thief could not using your wireless network even they know your Wi-Fi Password.

1. Launch a web browser.
2. Enter **http://192.168.10.1/** or **http://ap.setup/** in the address field of the browser login screen displays.
3. Enter admin for the user name and admin for the password, both in lowercase letters. The BASIC Home screen displays.
4. Select Wireless Settings > Broadcast SSID
Select the Disable check box to hide the wireless network.
5. Change the SSID name easy to remember and write it down, click Apply.
6. Google how to join a hidden network + "your device name", For example: Google "how to join a hidden network on iPhone"

Wireless Settings

Basic Settings

Setup Wireless Basic Configuration

Advanced Settings

Wireless Advanced Configuration

WPS

Wi-Fi Protected Setup

Schedule

Wireless Schedule

Back

Back to home page

Basic Settings

Broadcast SSID

Disable

SSID

easytoremember

Channel

2

Security Type

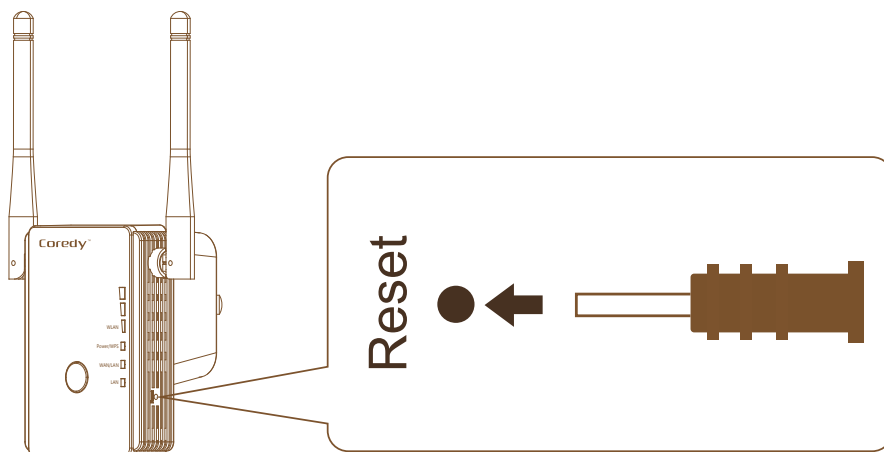
Disable

Apply

TROUBLESHOOTING

Q1 How to reset E300 to factory settings?

1. Using a reset pin come with package to press and hold the Factory Reset button on the extender at least three seconds until **the LAN and WAN/LAN Leds** lights green.
2. Release the Factory Reset button and wait for the extender to reboot.
The extender resets and returns to the factory default settings.



Q2

I am connected to Coredy E300_EXT and launched a browser, but I cannot log in the Setup Page/Web Management Page?

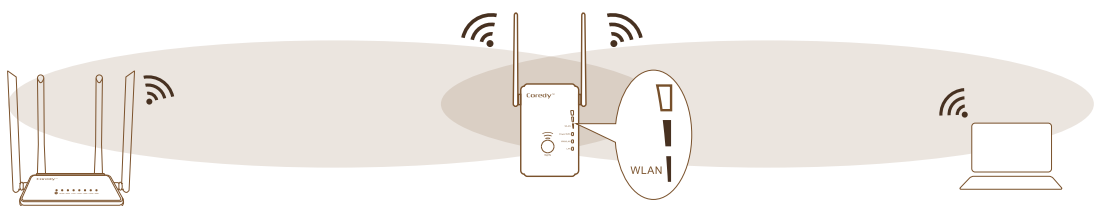
- Make sure that your computer is set up to use DHCP (most are).
- Relaunch the web browser and type **http://192.168.10.1/** or **http://ap.setup/** in the address field. Type your user name and password and click the LOG IN button.
- Reset the extender to factory setting.

Q3

What can I do if my device keep disconnecting from extender?

The extender is probably placed at the borderline of the range covered by the router or access point.

1. Unplug the extender and move it to a new location that is about halfway between your router and the area with a poor router WiFi signal.



The location that you choose must be within the range of your existing WiFi router network.

2. Using a smart phone to help you choose a spot where the extender-to-router connection is optimal.
3. If there is not full WiFi signal on your smart phone , plug the extender into an outlet closer to the router and try again.

Keep moving the extender to outlets closer to the router until the full WiFi signal on smart phone.

4. Plug the extender into an electrical outlet in an elevated location and minimizing the number walls and ceilings between the router and your other devices.

Q4

The web browser setup guide keeps asking me for my network password (passphrase) or security key, and I am sure I have entered the correct password. What can I do?

The extender is probably placed at the borderline of the range covered by the router or access point. For more information, see the solution on Q3.

If you are using WEP security, make sure that you are typing the network password in the correct field.

Q5

Troubleshoot Internet Browsing?

Place the extender in an elevated location, If your extender can obtain an IP address but your computer is unable to load any web pages from the Internet, check the following:

Your computer might not recognize any DNS server addresses. A DNS server is a host on the Internet that translates Internet names (such as www addresses) to numeric IP addresses.

Ask your Internet Service Provider (ISP) to provide the correct DNS address or Google the correct the

DNS for you, configure your computer manually with a DNS address, as explained in the documentation for your computer, if you don't know how to manually the DNS, contact technical support at www.coredytech.com/support or Google "how to manually set DNS windows 7" .

Q6

Cannot Join a WiFi Network and Receive an Error Message?

To join a WiFi network, you must know its network name (also called the SSID) so that you can select it. If the network is secure, you must know the passphrase or key. If the extender does not connect to the network that you select, the cause might be one of the following:

- It is possible that you typed the network name, passphrase, or key incorrectly. Use **Connect to an Existing WiFi Network Setup** (see **Method 1: Connect with a web browser** on **page 8**) to select a WiFi network and retype the passphrase or key. The passphrase or key is case-sensitive. For example, **PASSWORD25** is not the same as **Password25** or **password25**.
- If the extender cannot detect your WiFi network, check to see if your WiFi network is still working. Make sure that the WiFi router is turned on. If possible, move the extender closer to the WiFi router.

- Sometimes extender's WiFi connection between the WiFi router and the extender is poor. You can establish the best connection with a clear line of sight between the extender and the WiFi router. Make sure that no physical obstacles exist between the extender and the WiFi router, and try to move the extender closer to the WiFi router.

Q7

Change the wireless channel to reduce interference?

If you have adjacent access points, use different radio frequency channels to reduce interference.

In some regions, not all channels are available. Do not change the channel number unless you experience interference (shown by lost connections or slow data transfers). If this happens, experiment with different channels to see which is the best, or Google "How to choosing the right channel".

If you like to change the channel number on **Repeater mode** of the extender, you must to change the channel on your main router, the extender will change its channel number automatically as your main router. Check the user manual of your router or ask the supplier of your router for how to change the channel.

Mini Range Extender/Access Point/Router

MODEL: Coredy E300

Toll Free US: +1-800-999-8470

(English Service) Mon-Fri 10:00-19:00 (CST)

Toll Free UK: +44-808-134-9909

(English Service) Mon-Fri 15:00-01:00 (GMT)

E-Mail: support@coredytech.com

Website: www.coredy.com