

Online Upgrade

Latest Version: 1.0.0 (2023-01-01) (2023-01-01)

Check for upgrade

3. Focus on the **Online Upgrade** section, and click **Upgrade**.

Online Upgrade

Latest Version:

3.3.0 (Build 100100) (Full Download)

3.3.0 (Build 100100) (Full Download)

Upgrade

4. Wait a few minutes for the upgrade and reboot to complete.

- **To upgrade the firmware locally:**

1. Download the latest firmware file for the extender from our website [www.tp-link.com](http://www.tp-link.com).
2. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
3. Go to **Settings > System Tools > Firmware Upgrade**.
4. Click **Browse** to locate the downloaded new firmware file, and then click **Upgrade**.

### Local Upgrade

New Firmware File:

Browse

Upgrade

5. Wait a few minutes for the firmware upgrade to complete and the extender to reboot.

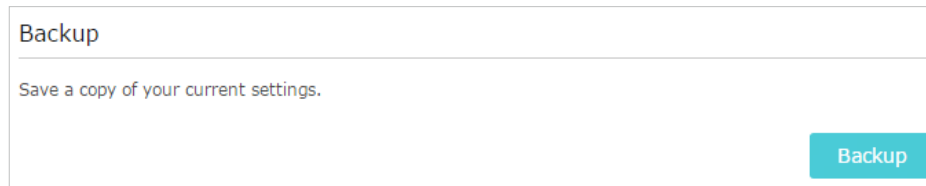
## 6.5. Backup and Restore Configuration Settings

The configuration settings are stored as a configuration file in the extender. You can backup the configuration file and restore the extender to the previous settings from the backup file when needed. Moreover, if necessary, you can erase the current settings and reset the extender to the default factory settings.

1. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
2. Go to [Settings](#) > [System Tools](#) > [Backup & Restore](#).

- **To backup configuration settings:**

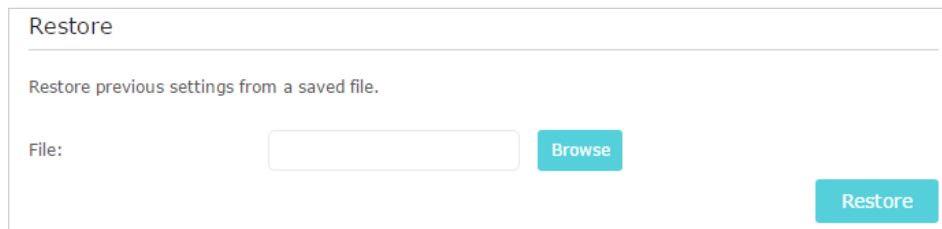
Click [Backup](#) to save a copy of the current settings to your local computer. A '.bin' file of the current settings will be stored on your computer.



The screenshot shows a web interface titled "Backup". Below the title is a horizontal line, followed by the text "Save a copy of your current settings." In the bottom right corner, there is a teal button labeled "Backup".

- **To restore configuration settings:**

1. Click [Browse](#) to locate the backup configuration file stored on your computer, and click [Restore](#).



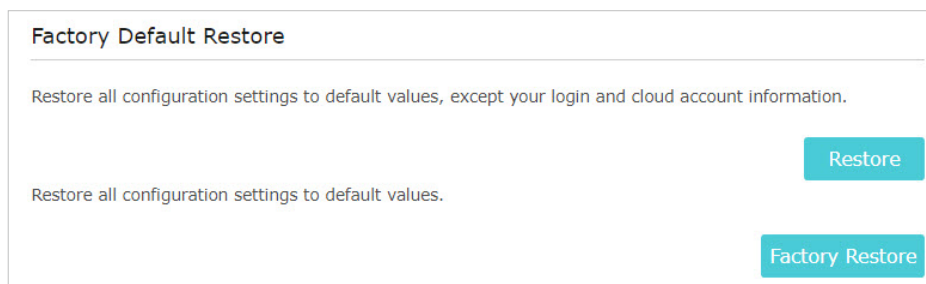
The screenshot shows a web interface titled "Restore". Below the title is a horizontal line, followed by the text "Restore previous settings from a saved file." Below this text is a label "File:" followed by a text input field and a teal button labeled "Browse". In the bottom right corner, there is a teal button labeled "Restore".

2. Wait a few minutes for the restore and reboot.

■ **Note:** During the restore process, do not power off or reset the extender.

- **To reset the extender to factory default settings:**

1. Click [Factory Restore](#) to restore all configuration settings to default values, or click [Restore](#) if you want to keep you login and cloud account information.



The screenshot shows a web interface titled "Factory Default Restore". Below the title is a horizontal line, followed by the text "Restore all configuration settings to default values, except your login and cloud account information." In the bottom right corner, there is a teal button labeled "Restore". Below this text is another line of text "Restore all configuration settings to default values." and in the bottom right corner, there is a teal button labeled "Factory Restore".

2. Wait a few minutes for the reset and reboot.

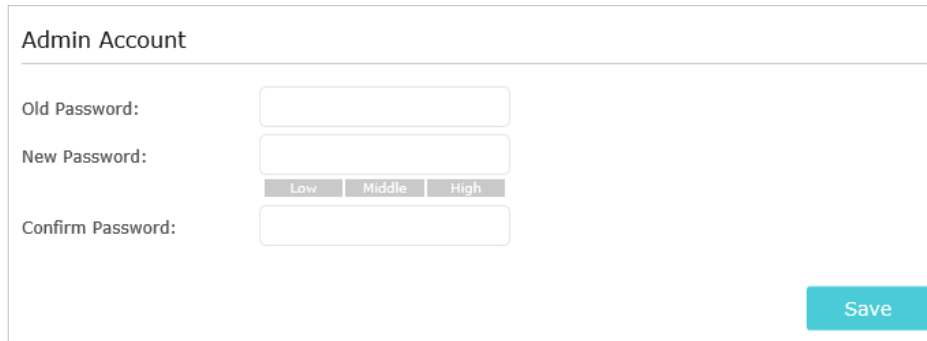
■ **Notes:**

- During the reset process, do not power off the extender.
- We strongly recommend you backup the current configuration settings before resetting the extender.

## 6.6. Change Login Password

The account management feature allows you to change your login username and password of the web management webpage.

1. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
2. Go to [Settings](#) > [System Tools](#) > [Admin Account](#).
3. Enter the old password. Then enter the new password twice (case-sensitive) and click [Save](#).



Admin Account

Old Password:

New Password:

Low Middle High

Confirm Password:

Save

4. Use the new password for future logins.

## 6.7. Check System Log

If the extender is not working properly, you can save the system log and send it to our technical support team.

1. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
  2. Go to [Settings](#) > [System Tools](#) > [System Log](#).
- **To save the system log locally:**
    1. Choose the type and level of the system log as needed.
    2. Click [Save Log](#) to save the system logs to a local disk.

System Log

Log Filter:    Type = 

ALL

    Level = 

ALL

Refresh

Delete All

ID	Time	Type	Level	Content
5	0 days 00:10:59	DHCPC	ERROR	DHCP detection failed.
4	0 days 00:10:56	DHCPC	INFO	Sent a detection for DHCP.
3	0 days 00:10:53	DHCPC	INFO	Sent a detection for DHCP.
2	0 days 00:10:50	DHCPC	INFO	Sent a detection for DHCP.
1	0 days 00:10:47	OTHERS	INFO	User cleared up all the logs.

Save Log

## Chapter 7

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# More Features of Your Extender

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This chapter explains how to use the extender as a wireless adapter and as an access point.

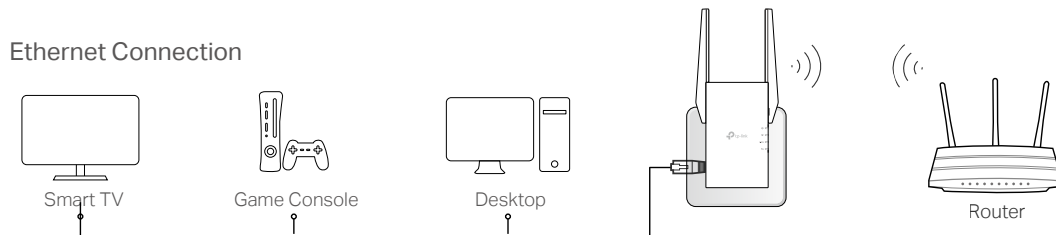
It contains the following sections:

- [Use Your Extender as a Wireless Adapter](#)
- [Transform Your Existing Wired Network to a Wireless One](#)

## 7.1. Use Your Extender as a Wireless Adapter

The extender can be used as a wireless adapter to connect any wired-only device, such as a Blu-ray player, game console, DVR, or smart TV, to your wireless network.

After configuration, you can connect an Ethernet-enabled device to the extender via an Ethernet cable.



## 7.2. Transform Your Existing Wired Network to a Wireless One

The extender can work as an access point, transforming your existing wired network to a wireless one.

### 7.2.1. Set Up the Extender as an Access Point

1. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
2. Click **Mode** in the top right corner of the page. Select **Access Point** and click **Save**. The extender will reboot and switch to Access Point mode.

The screenshot shows the 'Mode Selection' screen. At the top, the title 'Mode Selection' is displayed. Below the title, there are two radio button options. The first option is 'Access Point', which is selected (indicated by a blue dot). Below this option, the text reads 'Transforms your existing wired network to a wireless network.' The second option is 'Repeater', which is not selected. Below this option, the text reads 'Extends your existing wireless coverage by repeating the wireless signal.' At the bottom right of the screen, there are two buttons: 'Cancel' and 'Save'.

3. After rebooting, connect the extender to your modem or wired router via an Ethernet cable.

4. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
5. Go to **Quick Setup** to configure your extender.
  - 1) Configure your wireless settings and click **Next**.

Summary

Wireless Settings

Wireless 2.4GHz: ☒ Extend network on 2.4GHz

Extended 2.4GHz SSID:  ☐ Hide SSID broadcast

Extended 2.4GHz Password:

Wireless 5GHz: ☒ Extend network on 5GHz

Extended 5GHz SSID:  ☐ Hide SSID broadcast

Extended 5GHz Password:

Exit Next

- 2) Confirm the information and click **Finish**. Now, you can enjoy Wi-Fi.

Summary

Wireless Settings

2.4GHz Extended Network		5GHz Extended Network	
Extend network on 2.4GHz:	On	Extend network on 5GHz:	On
Extended 2.4GHz SSID:	TP-Link_Extender	Extended 5GHz SSID:	TP-Link_Extender_5GHz
Hide SSID:	Off	Hide SSID:	Off
Extended 2.4GHz Password:	123456789	Extended 5GHz Password:	123456789

Back Finish

### 7.2.2. Connect Your Wireless Devices to the Extender

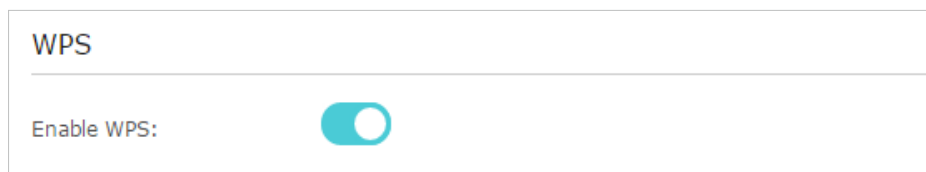
#### Method 1: Connect to the extender manually

You can connect your wireless devices to the extender by manually entering the wireless password on your device.

#### Method 2: Connect to the extender via WPS

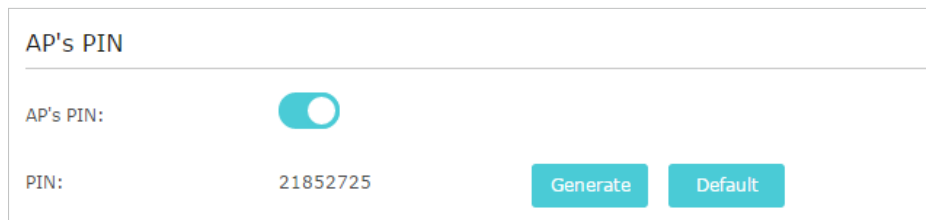
Wi-Fi Protected Setup (WPS) provides an easier way to set up a secure Wi-Fi connection. Wireless devices that support WPS, including Android phones, tablets and most USB network cards, can be connected to your extender through this method (not supported by iOS devices).

1. Visit <http://tplinkrepeater.net>, and log in with your TP-Link ID or the password you set for the extender.
2. Go to [Settings](#) > [Wireless](#) > [WPS](#).
3. Enable [WPS](#).

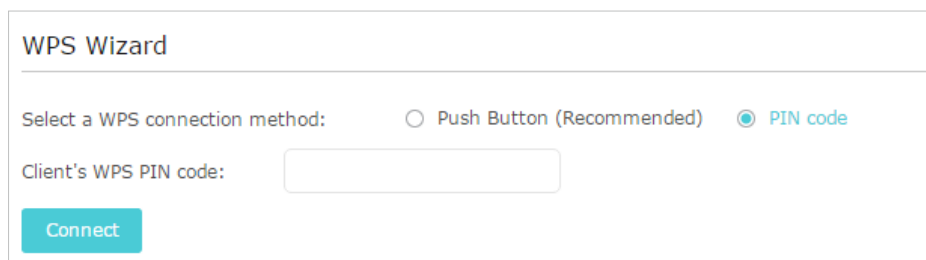


4. Connect via WPS:

- AP's PIN: Enable [AP's PIN](#) and enter the PIN on your device. You can click [Generate](#) to get a new PIN or click [Default](#) to restore the PIN to its factory one.



- Push Button (Recommended): Click [Connect](#) and push the WPS button on the client device.
- PIN code: Enter the client's PIN, and click [Connect](#).





# FAQ

## Q1. How to reset the extender to its factory default settings?

- With the extender powered on, use a pin to press the [RESET](#) button for 1 second. The extender will reboot.
- Log in to the extender's web management page. Go to [Settings](#) > [System Tools](#) > [Backup & Restore](#) and click [Factory Restore](#).

## Q2. What should I do if I forget my login password?

Refer to FAQ > Q1 to reset the extender, and then visit <http://tplinkrepeater.net> to create a new login password.

**Note:** The extender must be reconfigured after a reset to access the internet. Please note down your login password for future logins.

## Q3. What should I do if I forget my wireless password?

The extender shares the same wireless passwords as those of your host networks.

## Q4. What should I do if I can't access the web management page?

This can happen for a variety of reasons. Please try the methods below to log in again.

- If your computer is wirelessly connected, make sure that you have connected to the extender's SSID.
- Make sure your computer is configured as [Obtain an IP address automatically](#) and [Obtain DNS server address automatically](#).
- Verify that <http://tplinkrepeater.net> is correctly entered in the web browser and press [Enter](#).
- Use the IP address to access the extender. The default IP is [192.168.0.254](#). If the extender is connected to the router, you should go to your router's DHCP client list to obtain the extender's current IP address.
- Reset the extender and try again.

## Q5. I have enabled wireless MAC filter, wireless access control, or access control list (ACL) on my router. What should I do before configuring the extender?

When a device connects through the extender to your router, the MAC address of the device shown on the router is translated to another MAC address. If your router's MAC filter, wireless access control, or ACL is enabled, the devices connected to the extender cannot get an IP address from the extender and cannot access the Internet.


To solve this problem, please follow the steps below:

1. Log in to your router and disable the MAC filter, wireless access control or ACL.

■ **Note:** For more information about how to disable your router's MAC filter, wireless access control or ACL, please refer to your router's user guide.

2. Power on your extender, and run the [Quick Setup](#) to configure your extender.
3. Connect all of your devices to the extended network.
4. On your router, add all the Online Devices' MAC addresses to your router's MAC filter table.
5. Enable the router's MAC filter, wireless access control, or ACL to complete the configuration.

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## FCC compliance information statement



**Product Name:** AX1750/AX1800 Wi-Fi 6 Range Extender

**Model Number:** RE603X/RE605X

**Responsible Party:**

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

E-mail: [sales.usa@tp-link.com](mailto:sales.usa@tp-link.com)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**FCC RF Radiation Exposure Statement:**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

This device is restricted in indoor environment only.

We, TP-Link USA Corporation, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2020-06-05

## CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

### OPERATING FREQUENCY (the maximum transmitted power)

2400 MHz -2483.5 MHz (20dBm)

5150 MHz -5250 MHz (23dBm)

5250 MHz -5350 MHz (23dBm)

5470 MHz -5725 MHz (30dBm)

### EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC and 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tp-link.com/en/ce>

### RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

**Attention: This device may only be used indoors in all EU member states and EFTA countries.**

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK

### Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Caution:**

1. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz, 5470-5600MHz, and 5650-5725MHz.

**Avertissement:**

1. Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

**Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

**Industry Canada Statement**

CAN ICES-3 (B)/NMB-3(B)

**Korea Warning Statements**

해당 무선설비는 운용중 전파혼신 가능성이 있음.

**NCC Notice & BSMI Notice**

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性或功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫療用電波輻射性電機設備之干擾。

4.7.9.1應避免影響附近雷達系統之操作。

4.7.9.2高增益指向性天線只得應用於固定式點對點系統。

安全諮詢及注意事項

- 請按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先切斷電源。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

設備名稱： Equipment name AX1500/AX1750/AX1800 Wi-Fi 6 Range Extender		型號（型式）： Type designation (Type) RE505X/RE603X/RE605X				
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○
天線	○	○	○	○	○	○
備考1. “超出0.1 wt %” 及 “超出0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考3. “—” 係指該項限用物質為排除項目。 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.						





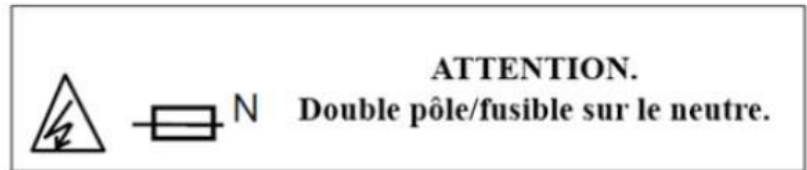
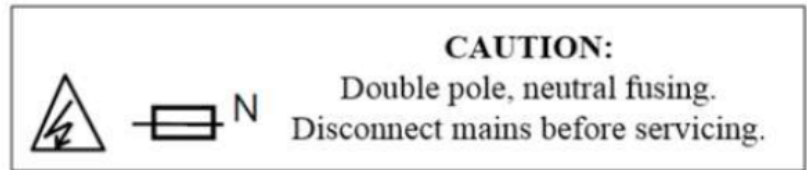
Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



**Safety Information**



- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.



**Explanations of the symbols on the product label**

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	For indoor use only
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/ EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>
	Protective earth

Symbol	Explanation
	Caution, risk of electric shock
 <sup>N</sup>	Fuse is used in neutral N