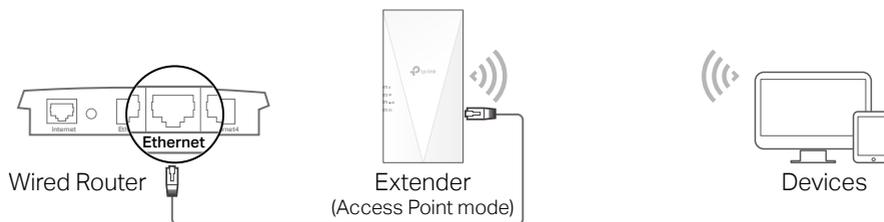2)   Confirm the information and click Finish.

5. Connect the extender to your modem or wired router via an Ethernet cable. Now you can enjoy the Wi-Fi.

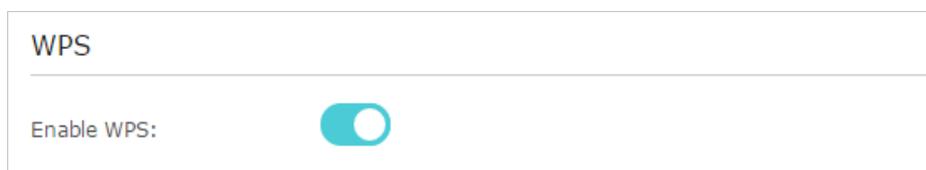# 6. 2.   Connect Wireless Devices to the Extender

Method 1: Connect to the extender manually

You can connect your wireless devices to the extender by using the extender's wireless network names and passwords.

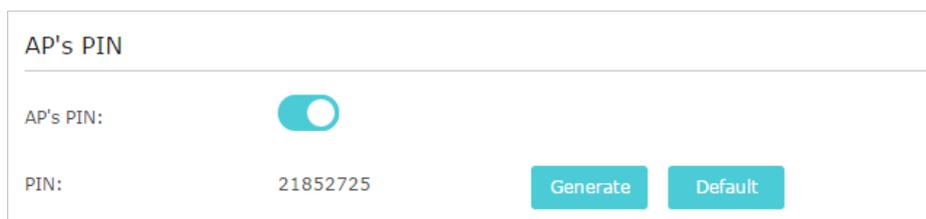**Method 2: Connect to the extender via WPS**

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.

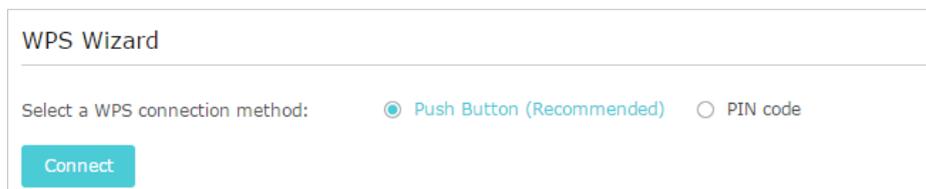| WPS	
Enable WPS:	⬤

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.

AP's PIN			
AP's PIN:	⬤		
PIN:	21852725	Generate	Default

   - Push Button (Recommended): Click Connect and push the WPS button on the client device.

WPS Wizard		
Select a WPS connection method:	⦿ Push Button (Recommended)	○ PIN code
Connect		

   - PIN code: Enter the client's PIN, and click Connect.

WPS Wizard

Select a WPS connection method: ◯ Push Button (Recommended)   ◉ PIN code

Client's WPS PIN code: [   ]

[Connect]

6. 3.   LED Explanation for the Access Point Mode

When the extender works in the Access Point mode, you can check its working status by following the LED Explanation table below.

Name	Status	Indication (For Access Point Mode)
⏻ (Power)	On/Off	The extender is on or off.
	Blinking	The system is starting up or firmware is being upgraded.
📶 (Signal)	On	A WPS connection is established.
	Blinking	WPS connection is in progress. This may take up to 2 minutes.
	Off	A WPS connection has been established for more than 5 minutes or WPS connection failed.
2.4G	On/Off	The 2.4 GHz wireless band is enabled or disabled.
5G	On/Off	The 5 GHz wireless band is enabled or disabled.

Chapter 7

Manage Your Extender

This chapter presents how to manage and maintain your extender.

It includes the following sections:

- Set System Time
- Control LEDs
- Set Power Schedule
- Upgrade the Firmware
- Backup and Restore Configuration Settings
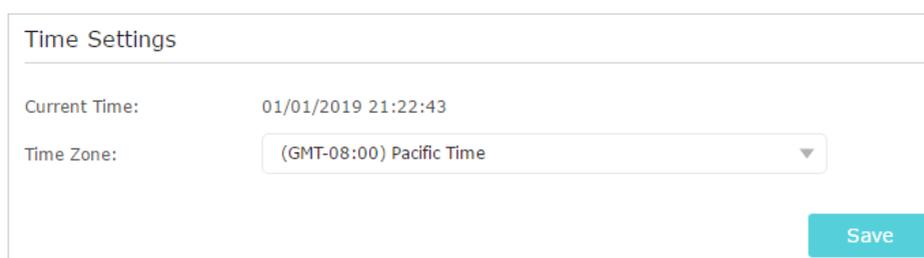- Change Login Password
- Check System Log

7. 1.   Set System Time

The System Time of the extender will be used for time-based function such as the Power Schedule function. If you have enabled the Daylight Saving Time feature, the system time will be sychronized with the daylight saving time you configure.

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 > Time Settings.

- **To get system time:**

1. Select your local Time Zone from the drop-down list.
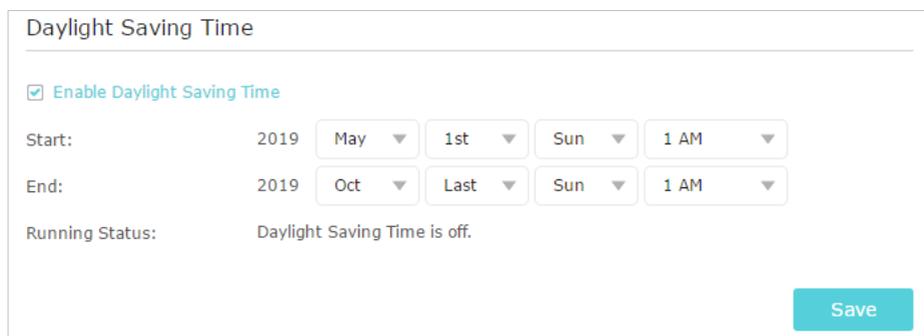
Time Settings

| Current Time: | 01/01/2019 21:22:43 |
| Time Zone: | (GMT-08:00) Pacific Time ▼ |

Save

2. Click Save.

- **To set up Daylight Saving Time:**

1. Select Enable Daylight Saving Time.

Daylight Saving Time

☑ Enable Daylight Saving Time

Start:	2019	May ▼	1st ▼	Sun ▼	1 AM ▼
End:	2019	Oct ▼	Last ▼	Sun ▼	1 AM ▼
Running Status:	Daylight Saving Time is off.

Save

2. Select the Start and End date and time of the daylight saving time at your local time zone.

3. Click Save.

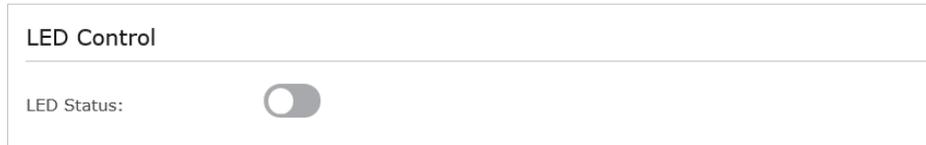# 7. 2.   Control LEDs

The LEDs of the extender indicate its activities and status. You can turn off LEDs when you don't need them.

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 > LED Control.

- **To turn off the LEDs:**

Disable LED Status.
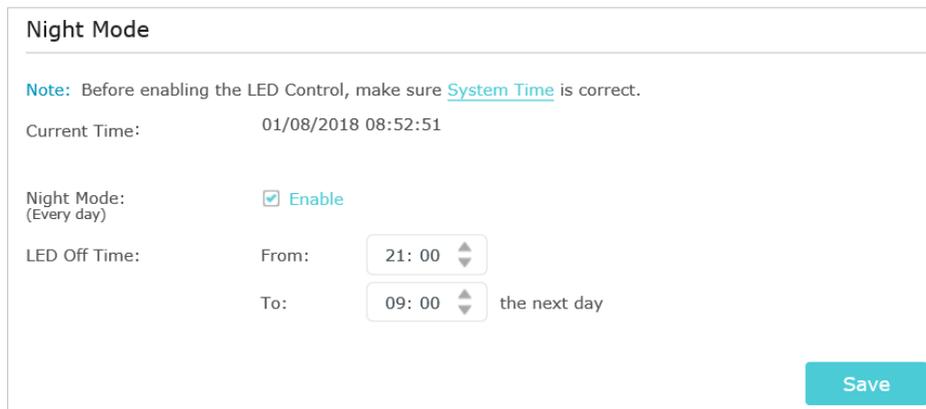
LED Control	
LED Status:	⬜

- **To specify a time period when LEDs are off:**

1. Select Night Mode.

2. Specify the LED off time period.

⚑ Note: The effective time schedule for Night Mode is based on the system time of the extender. Refer to Set System Time to get the correct system time.

3. Click Save.

Night Mode		
Note: Before enabling the LED Control, make sure System Time is correct.		
Current Time:	01/08/2018 08:52:51	
Night Mode: (Every day)	☑ Enable	
LED Off Time:	From: 21: 00 ⬍	
	To: 09: 00 ⬍ the next day	
		Save

7. 3. Set Power Schedule

The Power Schdule feature allows you to specify a time period during which the extender is off.

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 > Advanced Settings > Power Schedule.

- **To specify a time period when the extender is off:**

1. Click Add.

2. Specify the power off time period and repetitive days.

⬛ Note: The effective time schedule for Power Schedule is based on the system time of the extender. Refer to Set System Time to get the correct system time.

Power Schedule

Note: Before enabling Power Schedule, please make sure the System Time is correct.

Current Time: 01/08/2018 07:59:11

➕ Add   ➖ Delete

☐	ID	Power Off Time	Repeat	Status	Modify
--	--	--	--	--	--

Power Off Time   From: 21 : 00 ⬍

To: 09 : 00 ⬍   (the next day)

Repeat: Mon Tue Wed Thu Fri Sat Sun

Cancel   Save
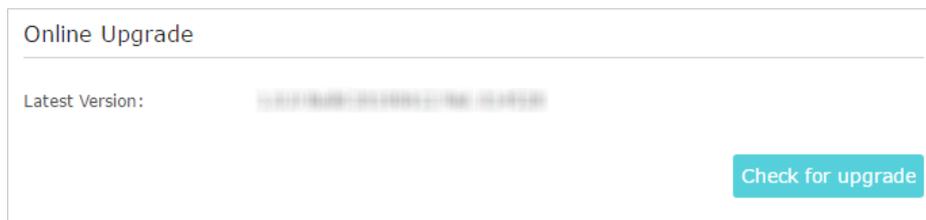
3. Click Save.

7. 4.   Upgrade the Firmware

TP-Link is committed to improving product features, giving you a better network experience. We will inform you through the web management page if there's any update firmware available for your extender. Also, the latest firmware will be released at the TP-Link official website www.tp-link.com, and you can download it from the Support page for free.

⬛ Notes:
- Make sure the latest firmware file is matched with the hardware version (as shown in the download section of the Support page).
- Make sure that you have a stable connection between the extender and your computer.
- Backup your extender configuration.
- Do NOT power off the extender during the firmware upgrade.

- **To upgrade the firmware online:**

1. Visit http://tplinkrepeater.net, and log in with your TP-Link ID or the password you set for the extender.

2. When the latest firmware is available for your extender, the update icon 🔄 will display in the top-right corner of the page. Click the icon to go to the Firmware Upgrade page.

   Alternatively, you can go to Settings > System Tools > Firmware Upgrade, and click Check for upgrade to see whether a new firmware is released.

Online Upgrade
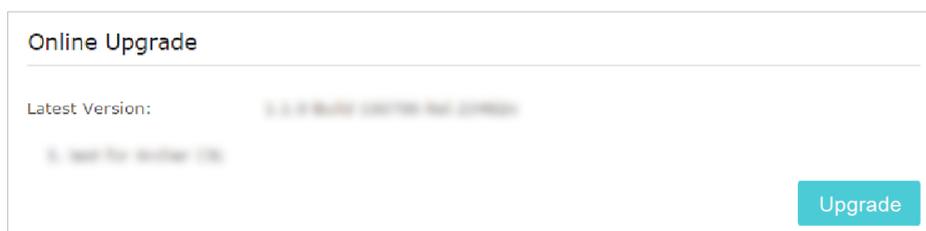
Latest Version:

Check for upgrade

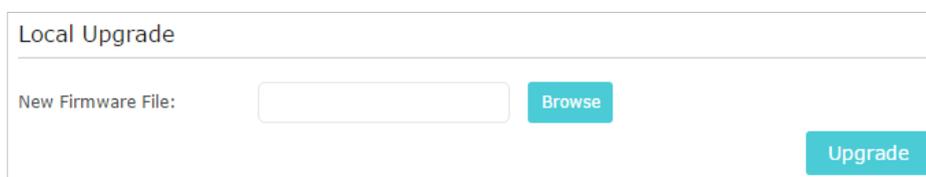3. Focus on the Online Upgrade section, and click Upgrade.

Online Upgrade

Latest Version:

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.

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.

7. 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.

Backup

Save a copy of your current settings.

Backup

- **To restore configuration settings:**

1. Click Browse to locate the backup configuration file stored on your computer, and click Restore.

Restore

Restore previous settings from a saved file.

File: Browse

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.

Factory Default Restore

Restore all configuration settings to default values, except your login and cloud account information.

Restore

Restore all configuration settings to default values.

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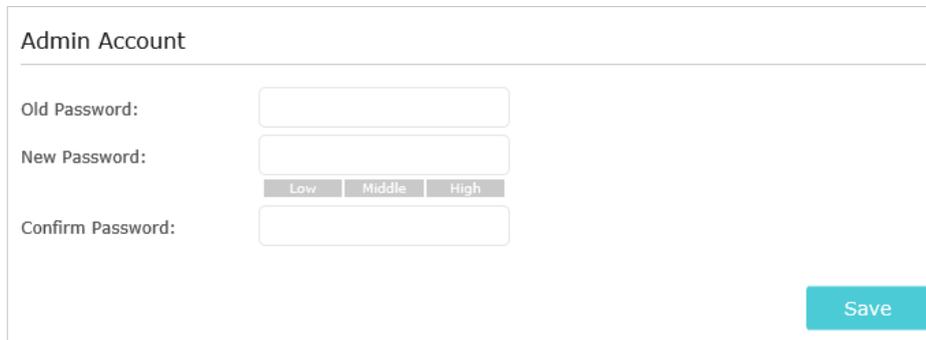
2. Wait a few minutes for the reset and reboot.

🚩 **Notes:**

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

7. 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.

4. Use the new password for future logins.

7. 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

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.

FCC compliance information statement

Product Name: AX1500/AX1800 Wi-Fi 6 Range Extender

Model Number: RE500X/RE600X

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

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: 2020-12-25

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

LP0002低功率射頻器材技術規範_章節3.8.2

取得審驗證明之低功率射頻器材，非經核准，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及功能。

低功率射頻器材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。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

5.7.9.1應避免影響附近雷達系統之操作。

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

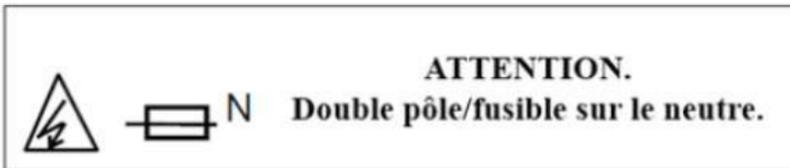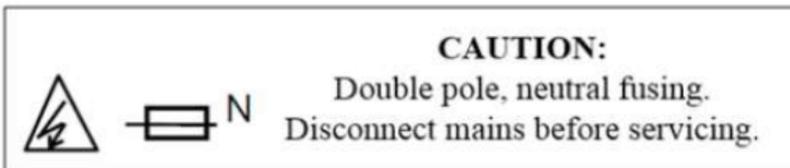| 設備名稱: Equipment name: AX1500/AX1800 Wi-Fi 6 Range Extender			型號（型式）: Type designation (Type): RE500X/RE600X			
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr^{+6})	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○
其他及其配件	—	○	○	○	○	○
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.

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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.
- Make sure the power socket has a good contact with the ground.

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.

CAUTION:
Double pole, neutral fusing.
Disconnect mains before servicing.

ATTENTION.
Double pôle/fusible sur le neutre.

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
🗑	RECYCLING 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. 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.

Symbol	Explanation
⏚	Protective earth
⚡	Caution, risk of electric shock
▭N	Fuse is used in neutral N