

RE705X-Outdoor Authentication and Safety Info

FCC compliance information statement



Product Name: AX3000 Indoor / Outdoor Wi-Fi 6 Range Extender

Model Number: RE705X-Outdoor

Responsible Party:

TP-Link Systems Inc.

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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.”

We, TP-Link Systems Inc., 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: 2025-08-22

CE Mark Warning



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, 2011/65/EU and (EU)2015/863.

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

National Restrictions

Frequency band: 5150 - 5250 MHz:

Indoor use: Inside buildings only. Installations and use inside road vehicles and train carriages are not permitted. Limited outdoor use: If used outdoors, equipment shall not be attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. Use by unmanned aircraft systems (UAS) is limited to within the 5170 - 5250 MHz band.

Frequency band: 5250 - 5350 MHz:

Indoor use: Inside buildings only. Installations and use in road vehicles, trains and aircraft are not permitted. Outdoor use is not permitted.

	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(NI)

UKCA Mark



UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant

provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>

Attention: In Great Britain, the operation in the frequency range 5150MHz - 5350MHz is only permitted indoors.



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;
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
3. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

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;
2. Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limitation P.I.R.E.;
3. Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E spécifiée pour l'exploitation point à point et non

point à point, selon le cas.

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.

This radio transmitter (IC: 32876-RE705XOUT/ Model: RE705X-Outdoor) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list below, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: 32876-RE705XOUT/ Model: RE705X-Outdoor) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste ci-dessous et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

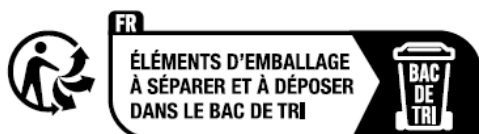
Antenna	Three 5GHz 5.41dBi dipole antennas Two 2.4GHz 4.92dBi dipole antennas
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Industry Canada Statement

CAN ICES-003 (B)/NMB-003(B)

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.





NCC Notice & BSMI Notice

注意！

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。

應避免影響附近雷達系統之操作。

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

請使用原裝電源供應器或只能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拔掉電源線。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。

電源供應器應使用在环境温度低於或等於40°C的室內。

限用物質含有情況標示聲明書

設備名稱：AX3000 Indoor / Outdoor Wi-Fi 6 Range Extender					型號 (型式)：RE705X-Outdoor	
Equipment name					Type designation (Type)	
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead	汞 Mercury	鎘 Cadmium	六價鉻 Hexavalent	多溴聯苯 Polybrominated	多溴二苯醚 Polybrominated

設備名稱：AX3000 Indoor / Outdoor Wi-Fi 6 Range Extender

型號 (型式)：RE705X-

Outdoor

Equipment name

Type designation (Type)

	(Pb)	(Hg)	(Cd)	chromium (Cr+6)	biphenyls (PBB)	diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供 應器	-	○	○	○	○	○
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 з правилами системи УкрСЕПРО на відповідність вимогам нормативних>Продукт сертифіковано згідно з 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 adapter should be used indoors where the ambient temperature is lower than or equal to 40°C.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Plug the adapter into a wall outlet with an earthing connection through the power supply cord.
- This equipment shall be powered only by equipment whose output complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) as defined in IEC 62368-1.
- Use only power supplies listed in the user instructions. Refer to the User Manual on the product support page.
- This product can be wall-mounted. The maximum installation height shall not exceed 2m.
- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.

- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.

Operating Temperature: -30°C ~ 60°C (-22°F ~ 140°F)

運作溫度: -30°C ~ 60°C (-22°F ~ 140°F)

This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

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.

Explanation of the symbols on the product label

Note: The product label is on the bottom of the product and its power supply. Symbols may vary from products.

注意：產品標籤可以在產品底部和其I.T.E.電源供應器上找到。符號可能因產品而異。

Symbol 符號解釋	Explanation 解釋
	Class II equipment Class II 設備
	Class II equipment with functional earthing 具有功能接地的Class II 設備
	Alternating current 交流電
	DC voltage 直流電壓
	Polarity of output terminals 輸出端子極性
	Indoor use only 僅限室內使用

Symbol 符號解釋	Explanation 解釋
	Dangerous voltage 危險電壓
	Caution, risk of electric shock 注意，有觸電危險
	Energy efficiency Marking 能源效率標示
	Protective earth 保護接地
	Earth 接地
	Frame or chassis 機架接地
	Functional earthing 功能接地
	Caution, hot surface 警告，表面高溫
	Caution 警告
	Operator's manual 操作手冊
	Stand-by 待機

Symbol 符號解釋	Explanation 解釋
	"ON"/"OFF" (push-push) 「開」/「關」(按壓式)
	Fuse 保險絲
	Fuse is used in neutral N 保險絲用於中性線N
 	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. 回收利用 本產品標示有「廢棄電氣電子設備 (WEEE) 」的分類回收標誌。這表示本產品必須依據歐盟指令 2012/19/EU 進行妥善回收或拆解，以減少對環境的影響。 使用者可選擇將本產品交給合格的回收機構，或在購買新電器或電子設備時，交回給零售商進行回收處理。
	Caution, avoid listening at high volume levels for long periods 注意，避免長時間以高音量收聽
	Disconnection, all power plugs 斷開所有電源插頭
m	Switch of mini-gap construction 微間隙結構的開關
μ	Switch of micro-gap construction (for US version) Switch of micro-gap / micro-disconnection construction (for other versions except US) 微小間隙結構開關 (適用於美國版) 微小間隙 / 微小斷開結構開關 (適用於美國以外的其他版本)
ε	Switch without contact gap (Semiconductor switching device) 無接點間隙開關 (半導體開關裝置)

Power Consumption & Management

Networked Standby Power Consumption	5.9W
Networked standby Power Consumption when all wired network ports are connected and all wireless network ports are activated:	7.8W
The default period of time after which the power management function switches the equipment automatically into a condition 20 minutes Drovicinq networked standby	20 minutes
How to activate and deactivate wireless network	Enter the webpage of product through wired connecting. The wireless function can be turn on/of via Wireless > Extended Network > Enable Wireless checkbox.

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