EPSON
EXCEED YOUR VISION

414116000

Regulatory Compliance Information

Wireless transmitter Model: ELPWT01

Notices

This document provides safety instructions and describes the specifications. Read this document carefully before use to ensure your safety and product performance.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device is restricted to indoor operations only.

Do not use the wireless communication function near automatically controlled devices such as automatic doors or fire alarms. The electromagnetic waves may cause electromagnetic interference with equipment or cause the equipment to malfunction.

Japan

本製品を正しく使用するために、はじめにマニュアルをお読みください。お読みになった後は、大切に保管してください。

⚠警告
無線通信機能は、自動ドア、火災報知器などの自動制御機器の近くで使用しないでください。電波が機器に影響を及ぼしたり、誤動作による事故の原因となるおそれがあります。

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1. この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局並びにアマチュア無線局が運用されていないことを確認して下さい。

2. 万一、この機器から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、弊社インフォメーションセンターにご連絡頂き、混信回避のための処置等（例えば、パーティションの設置など）についてご相談して下さい。

3. その他、この機器から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など何かお困りのことが起きたときは、弊社インフォメーションセンターへお問い合わせ下さい。

2.4 HY 8

Europe

Operating frequency range:
2.4-2.483.5GHz: 1.25dBm EIRP, 2.4-2.483.5GHz: 19.97dBm EIRP, 5.15-5.25GHz: 19.98dBm EIRP

Manufacturer: SEIKO EPSON CORPORATION
Address: 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
http://www.epson.com/

EU Importer: EPSON EUROPE B.V.
Address: Atlas Arena, Asia Building, Hoogoorddreef 5, 1101 BA Amsterdam Zuidoost The Netherlands
http://www.epson.com/

United Kingdom

Operating frequency range:
2.4-2.483.5GHz: 1.25dBm EIRP, 2.4-2.483.5GHz: 19.97dBm EIRP, 5.15-5.25GHz: 19.98dBm EIRP

Manufacturer: SEIKO EPSON CORPORATION
Address: 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
http://www.epson.com/

UK Importer: Epson (UK) Ltd.
Address: Westside, London Road, Hemel Hempstead,
Hertfordshire, HP3 9TD, United Kingdom
http:// www.epson.co.uk

Singapore

Complies with
IMDA Standards
DB101624

Ukraine

справжнім Seiko Epson Corporation заявляє, відповідає Технічному регламенту радіообладнання; повний текст декларації про відповідність доступний на веб-сайті за такою адресою:
http://epson.ua/conformity
2.4-2.483.5GHz: 1.25dBm EIRP, 2.4-2.483.5GHz: 19.97dBm EIRP, 5.15-5.25GHz: 19.98dBm EIRP

China

在无线连接下使用时的说明
不得擅自更改发射频率、加大发射功率（包括额外加装射频功率放大器），不得擅自外接天线或改用其它发射天线。
使用时不得对各种合法的无线电通信业务产生有害干扰。
一旦发现有干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用。
使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰。
不得在飞机和机场附近使用。
安装、使用产品前请阅读使用说明。请妥善保管此使用说明（保留备用）。
其他信息，可查看产品本身、产品包装和其他形式的资料，包括爱普生网页（http://www.epson.com.cn）。

设备类型	5.8GHz/5.1GHz/2.4GHz无线局域网
设备型号	ELPWT01
主要功能	数据传输
调制方式	BPSK/QPSK/16QAM/64QAM/256QAM /DBPSK/DQPSK/CCK/CESK
频率范围	5725－5850MHz 5150-5250MHz 2400-2483.5MHz
发射功率	≦33dBm(EIRP)，≦23dBm(EIRP)，20dBm(EIRP)，
占用带宽	≦80MHz ≦40MHz ≦2MHz

U.S. / Canada

FCC ID: BKMAE-ELPWT01
IC: 1052D-ELPWT01

Operating frequency range:
2.412-2.462GHz (11b/g/n) 5.18-5.24GHz, 5.745-5.825GHz (11a/ac)

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 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 FCC Rules and Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinue transmission in case of either absence of information to transmit or operational failure.

IMPORTANT NOTE:
Radiation Exposure Statement:
The product comply with the US portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Country Code selection feature to be disabled for products marketed to the US/CANADA. This equipment should be installed and operated with minimum distance 5 mm between the radiator & your body. The maximum measured SAR value is 0.65 W/kg.

Caution:
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;

Radiation Exposure Statement:
The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. This equipment should be installed and operated with minimum distance 5 mm between the radiator & your body. The maximum measured SAR value is 0.65 W/kg.

CAN ICES-3(B) / NMB-3(B)
Le present appareil est conforme a la partie 15 des regles de la FCC et aux normes des CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet equipement est conforme aux limites d'exposition aux rayonnements enoncees pour un environnement non controle et respecte les regles les radioelectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux frequences radioelectriques (RF) CNR-102 de l'IC.

La transmission des donnees est toujours initiee par le logiciel, puis les donnees sont transmises par l'intermediaire du MAC, par la bande de base numerique et analogique et, enfin, a la puce RF. Plusieurs paquets speciaux sont inities par le MAC. Ce sont les seuls moyens pour qu'une partie de la bande de base numerique active l'emetteur RF, puis desactive celui-ci a la fin du paquet. En consequence, l'emetteur reste uniquement active lors de la transmission d'un des paquets susmentionnes. En d'autres termes, ce dispositif interrompt automatiquement toute transmission en cas d'absence d'information a transmettre ou de defaillance.

Avertissement:
les dispositifs fonctionnant dans la bande de 5150 à 5250MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Déclaration d'exposition aux radiations:
Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.
Cet équipement doit être installé et utilisé avec un minimum de 5 mm de distance entre le radiateur et votre corps. La valeur SAR maximale mesurée est de 0,65 W / kg

Perú

Modelo: ELPWT01
Marca: EPSON
ID de FCC: BKMAE-WLPWT01
Fabricante del producto: Seiko Epson Corporation
Dirección: 3-3-5 Owa Suwa-shi, Nagano-Ken 392-8502, Japón

Paraguay

Importado por:
Fastrax, S.A.
Av. Peru esq. Rio de Janeiro, Barrios Las Mercedes, Asuncion, Paraguay Sol Control S.R.L.
Av. Gral. Bernardino Caballero 810 esq. Celsa Speratti, Asuncion, Paraguay

Brazil

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.
Para maiores informações, consulte o site da ANATEL em www.anatel.gov.br.

Korea

R–C–EKL–EER–xxxxxxx

기기의명칭/모델명: xxxxxxxxx / xxxxxxxx
인증받은 자의 상호: 한국엡손(주)
제조자/제조국가: xxxxxxxxxxxxxx
해당 무선설비가 전파혼신 가능성이 있으므로 인명안전과관련된 서비스는 할 수 없음.

Operating frequency & power.	2412 – 2472 MHz: 0.01W/MHz 2422 – 2462 MHz: 0.005W/MHz 5180 – 5240 MHz: 0.01W/MHz 5190 – 5240 MHz: 0.005W/MHz 5230, 5240, 5210 – 5240 MHz: 0.0025 W/MHz
Modulation Type	DSSS, OFDM, FHSS, BPSK, QPSK, 16QAM, 64QAM, 256QAM, FHSS

−802.11:b/g/n20/n40 (2400MHz~2483.5MHz)
−802.11a/n20/n40/ac20/ac40/ac80: (5150MHz ~ 5250MHz) and (5725MHz~5850MHz)

수입원:한국엡손(주) TEL.1566–3515