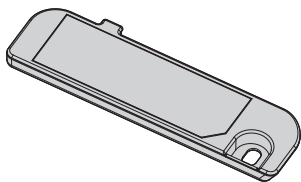


Panasonic®

Operating Instructions

Wireless Module

Model No. ET-WM300



ENGLISH

Thank you for purchasing this Panasonic product.

- Before operating this product, please read the instructions carefully and save this manual for future use.
- **Before using this product, be sure to read “Read this first!” (➡ page 2).**

DPQX1265ZA

WARNING:

- **Do not use this product near anyone with an implanted cardiac pacemaker.**
Radio waves may interfere with the operation of the pacemaker.
- **Do not use this product in an aircraft.**
Safety of navigation may be compromised.
- **Do not use this product near an automatic door, fire alarm, or other automatic control products.**
Radio waves from this product may interfere with automatic control systems and cause malfunctions resulting in accidents.
- **Do not use this product in hospitals or areas with the medical electronic equipment.**
Radio waves from this product may interfere with the medical electronic equipment and cause malfunctions resulting in accidents.
- **Do not pour liquid on this product or allow it to get wet.**
Doing so may cause a fire, electric shock or malfunction.
- **Keep the screw out of the reach of small children.**
The accidental swallowing of the cap may have an adverse effect on the body.
- Consult a doctor in the event that ingestion of the cap is suspected.

CAUTION:

- **Do not use this product in environments with excessive water, humidity, steam, dust, oil smoke etc.**
Doing so may cause a fire or electric shock.
- **Do not place a clip or other metal object on the product.**
Doing so may cause a fire, electric shock or malfunction.
- **Do not disassemble or modify this product.**
Doing so may cause electric shock.

Supplied accessories

Fixing screw <1>
(XYN3+F8FJ)



Before Using the Product

Security

- Before using this product, please be aware of the following cases where damage may occur.
 - Leakage of your private information via this product
 - Illegal operation of the projector via this product by a malicious third-party
 - Harm to or cessation of operation of the projector via this product by a malicious third-party
- Refer to the projector operating instructions regarding security measures.

Cautions during use

- Do not place this product in an extremely hot location or where it will be subject to direct sunlight.
- Do not drop this product or subject it to an impact or excessive force.
- Do not use this product with anything other than the projector which is compatible with this product.
- Loading this product into computers and the like may cause faults or malfunctions.
- This product can only be used in the country or region of purchase.
- The following acts are prohibited by the radio law:
 - modification or disassembly
 - removal of the product label attached to the rear surface

Possible with this product

- Wireless LAN function can be easily added by inserting this product into the projector which is compatible with this product.
- For more information about the projector which is compatible with this product, please visit the following web site.
<https://panasonic.net/cns/projector/>

About disposal

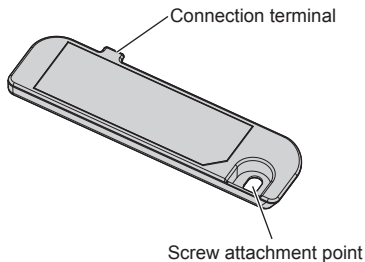
- When disposing of the product, ask your local authority or dealer about the correct methods of disposal.
- Please dispose of the packaging appropriately after unpacking this product.

Method of Use

Attach this product to the wireless module connection terminal of a compatible projector.

For details of how to attach this product to the projector, refer to the projector operating instructions.

Part names



When this product is not correctly recognized

- Check that this product is firmly inserted as far as possible.
- Re-insert the product.

Consult your dealer if this product is still not recognized after carrying out the above actions.

Specifications

External dimensions	102 mm (4-1/32") (W) x 8 mm (5/16") (H) x 31 mm (1-7/32") (L)
Weight	13.5 g
Interface	Mini USB (USB 2.0)
Standards	IEEE802.11b/g/n, IEEE802.11a/n
Frequency Range (center frequency)* ¹	IEEE802.11b/g/n : 2.412 GHz - 2.472 GHz IEEE802.11a/n : 5.180 GHz - 5.825 GHz
Data Transfer Speed (standard value)* ²	IEEE802.11a Max. 54 Mbps IEEE802.11n Max. 144.4 Mbps (HT20) / 300 Mbps (HT40) IEEE802.11b Max. 11 Mbps IEEE802.11g Max. 54 Mbps
Access Format	Infrastructure Mode
Encryption	WPS, WPA2, WPA, WEP

*1 The actual wireless LAN frequency range that can be used will vary depending on the projector to which this product is attached. For details, refer to the projector operating instructions.

*2 These are the theoretical maximum values of each wireless LAN standard. The actual data transfer speed will vary depending on factors, such as the usage environment and the device being connected via wireless LAN.

Caution

- Unauthorized reproduction of the whole or part of these operating instructions is prohibited.
- The content of these operating instructions is subject to change without prior notification in the future.
- Please understand that Panasonic cannot accept any responsibility regarding claims for damage or lost earnings with use of this product given as the reason.
- Operations in the 2.412 GHz - 2.472 GHz band and 5.18 GHz - 5.825 GHz band are restricted to indoor usage only.

Disposal of Old Equipment and Batteries

Only for European Union and countries with recycling systems



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products must not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

For Users in The European Union

Declaration of Conformity

English	<p>Declaration of Conformity (DoC)</p> <p>This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.</p> <p>Customers can download a copy of the original DoC for this product from our DoC server: http://www.ptc.panasonic.de</p> <p>Contact in the EU: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany</p> <p>Indoor use restrictions are to be followed for the following countries if using 5 GHz frequency band.</p> <p>Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom</p>
Français	<p>Déclaration de Conformité (DoC)</p> <p>Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 2014/53/UE.</p> <p>Les clients peuvent télécharger une copie de la DoC originale pour ce produit à partir de notre serveur DoC: http://www.ptc.panasonic.de</p> <p>Coordonnées dans l'UE : Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany</p> <p>Des restrictions d'utilisation intérieure doivent être respectées dans les pays suivants en cas d'utilisation de la bande de fréquence 5 GHz.</p> <p>Autriche, Belgique, Bulgarie, Croatie, Chypre, République Tchèque, Danemark, Estonie, Finlande, France, Allemagne, Grèce, Hongrie, Islande, Irlande, Italie, Lettonie, Liechtenstein, Lituanie, Luxembourg, Malte, Pays-Bas, Norvège, Pologne, Portugal, Roumanie, Slovaquie, Slovénie, Espagne, Suède, Suisse, Turquie, Royaume-Uni</p>
Español	<p>Declaración de conformidad (DoC)</p> <p>Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 2014/53/UE.</p> <p>El cliente puede descargar una copia de la DoC original de este producto desde nuestro servidor DoC: http://www.ptc.panasonic.de</p> <p>Contacto en la U.E.: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany</p> <p>El uso de este dispositivo con la banda de frecuencias de 5 GHz está restringido a espacios interiores en los países siguientes.</p> <p>Austria, Bélgica, Bulgaria, Croacia, Chipre, República Checa, Dinamarca, Estonia, Finlandia, Francia, Alemania, Grecia, Hungría, Islandia, Irlanda, Italia, Letonia, Liechtenstein, Lituania, Luxemburgo, Malta, Holanda, Noruega, Polonia, Portugal, Rumania, Eslovaquia, Eslovenia, España, Suecia, Suiza, Turquía, Reino Unido</p>

Deutsch	<p>Konformitätserklärung (DoC)</p> <p>Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 2014/53/EU. Kunden können eine Kopie der Original-DoC für dieses Produkt von unserem DoC-Server herunterladen: http://www.ptc.panasonic.de</p> <p>Kontaktadresse in der EU: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany</p> <p>In den folgenden Länder ist die Nutzung des 5 GHz Frequenzbandes nur in Innenräumen erlaubt.</p> <p>Österreich, Belgien, Bulgarien, Kroatie, Zypern, Tschechische Republik, Dänemark, Estland, Finnland, Frankreich, Deutschland, Griechenland, Ungarn, Island, Irland, Italien, Lettland, Liechtenstein, Litauen, Luxemburg, Malta, Niederlande, Norwegen, Polen, Portugal, Rumänien, Slowakei, Slowenien, Spanien, Schweden, Schweiz, Türkei, Großbritannien</p>
Italiano	<p>Dichiarazione di conformità (DoC)</p> <p>Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 2014/53/UE.</p> <p>I clienti possono scaricare la copia del DoC originale per questo prodotto dal nostro server DoC: http://www.ptc.panasonic.de</p> <p>Contatto nella UE: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany</p> <p>Può essere usato solo in ambienti chiusi nei seguenti Paesi quando utilizzato con banda di frequenza 5 GHz.</p> <p>Austria, Belgio, Bulgaria, Croazia, Cipro, Repubblica Ceca, Danimarca, Estonia, Finlandia, Francia, Germania, Grecia, Ungheria, Islanda, Irlanda, Italia, Lettonia, Liechtenstein, Lituania, Lussemburgo, Malta, Olanda, Norvegia, Polonia, Portogallo, Romania, Slovacchia, Slovenia, Spagna, Svezia, Svizzera, Turchia, Regno Unito</p>
Български	<p>Това устройство отговаря на съществените изисквания и останалите приложими разпоредби на Директива 2014/53/ЕС.</p>
Čeština	<p>Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními Směrnice 2014/53/EU.</p>
Dansk	<p>Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 2014/53/EU.</p>
Eesti	<p>See seade vastab direktiivi 2014/53/EL olulistele nõuetele ja teistele asjakohastele sätetele.</p>
Ελληνικά	<p>Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 2014/53/ΕΕ.</p>
Hrvatski	<p>Ovaj proizvod odgovara bitnim zahtjevima i drugim relevantnim uredbama Direktive 2014/53/EU.</p>
Íslenska	<p>Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 2014/53/EU.</p>

Latviešu	Ši iekārtā atbilst Direktīvas 2014/53/ES būtiskajam prasībām un citiem arto saistītajiem noteikumiem.
Lietuvių	Šis įrenginys tenkina 2014/53/ES Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.
Magyar	Ez a készülék teljesíti az alapvető követelményeket és más 2014/53/EU irányelvben meghatározott vonatkozó rendelkezéseket.
Malti	Dan l-apparat huwa konformi mal-htigiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 2014/53/UE.
Nederlands	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 2014/53/EU.
Norsk	Denne utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 2014/53/EU.
Polski	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 2014/53/UE.
Português	Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 2014/53/UE.
Română	Acest echipament este conform cu cerințele de bază și celelalte prevederi relevante ale Directivei 2014/53/UE.
Slovenčina	Toto zariadenie je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktív: 2014/53/EÚ.
Slovenščina	Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 2014/53/EU.
Suomi	Tämä laite täyttää direktiivin 2014/53/EU olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.
Svenska	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 2014/53/EU.

WLAN: Maximum Power	20 dBm (2.412 GHz - 2.462 GHz) 23 dBm (5.180 GHz - 5.700 GHz)	Directive : 2014/53/EU
WLAN: Puissance maximale	20 dBm (2,412 GHz - 2,462 GHz) 23 dBm (5,180 GHz - 5,700 GHz)	Directive : 2014/53/UE
WLAN: Potencia máxima	20 dBm (2,412 GHz - 2,462 GHz) 23 dBm (5,180 GHz - 5,700 GHz)	Directiva : 2014/53/UE
WLAN: Maximale Leistung	20 dBm (2,412 GHz - 2,462 GHz) 23 dBm (5,180 GHz - 5,700 GHz)	Richtlinie : 2014/53/EU
WLAN: potenza massima	20 dBm (2,412 GHz - 2,462 GHz) 23 dBm (5,180 GHz - 5,700 GHz)	Direttiva : 2014/53/UE

For Users in Singapore

Complies with IDA Standards ID: DB01017

For Users in Thailand

This telecommunication equipment conforms to NTC/NBTC technical requirement.

For Users in Turkey

AEEE Yönetmeliğine Uygundur.

Eski Ekipman İşlenmesi. Sadece geri dönüşüm sistemleri olan Avrupa Birliği ve ülkeleri için geçerlidir.



Ürünler, ambalaj ve/veya ekli belgeler üzerindeki bu semboller kullanılmış elektrik ve elektronik ürünlerin genel ev atığı ile karıştırılmaması gerektiğini ifade eder.

Eski ürünlerin toplanması ve geri kazanılması için bu atıkları lütfen yasayla belirlenmiş olan uygun toplama merkezlerine teslim ediniz.

Bu atıkların doğru işlenmesiyle, değerli kaynakların korunmasına ve insan sağlığı ve çevreye olası negatif etkilerinin engellenmesine yardımcı olabilirsiniz.

Atıkların toplanması ve geri dönüşümü için detaylı bilgi için lütfen bağlı olduğunuz yerel yönetimlerle iletişime geçiniz.

Atıkların atılmasıyla ilgili yanlış uygulamalar yasayla belirlenmiş olan cezalara sebebiyet verebilir.

For Users in U.S.A. and Canada

FCC NOTICE (USA)

Declaration of Conformity

Model Number: ET-WM300
Trade Name: Panasonic
Responsible Party: Panasonic Corporation of North America
Address: Two Riverfront Plaza, Newark, NJ 07102-5490
General Contact: <http://www.panasonic.com/support>
Projector Contact: <https://panasonic.net/cns/projector/>

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. To assure continued compliance, follow the attached installation instructions and do not make any unauthorized modifications.

CAUTION:

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/BD technician for help.

Any changes or modifications not expressly approved by Panasonic Corp. of North America could void the user's authority to operate this device.

This device is restricted to indoor use when operated in the 5.15 to 5.25 GHz frequency range.

The user may find the booklet "Something About Interference" available from FCC local regional offices helpful.

FCC Warning:

To assure continued FCC emission limit compliance, follow the attached installation instructions. This includes using shielded interface cables when connecting to computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

FCC NOTICE (USA and Canada)

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules.

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 of this device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This product is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range.

FCC and IC require this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems. High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this product.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices.

There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used.

Whereas high levels of RF can produce health effects (by heating tissue), exposure to low-level RF that does not produce heating effects causes no known adverse health effects.

Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research.

Wireless LAN adaptor has been tested and found to comply with FCC/IC radiation exposure limits set forth for an uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in KDB 447498 D01 and RSS-102 of the IC radio frequency (RF) Exposure rules.

Federal Communication Commission (FCC) / IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999/IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in KDB 447498 D01. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

For Users in Brazil

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo e não pode causar interferência a sistemas operando em caráter primário.

For Users in Mexico

Declaración de conformidad

Núm. de modelo: ET-WM300
Nombre de la marca: Panasonic
Responsable: Panasonic de Mexico sa de cv.
Dirección: Felix cuevas No.6 Piso 2 y 3 Col. Tlacoquemecalt del Valle
Mexico D.F.
Número de teléfono: 55 54 88100
ID DE COFETEL: RCPPAWL13-2257

Este equipo opera a título secundario, consecuentemente, debe aceptar interferencias perjudiciales incluyendo equipos de la misma clase y puede no causar interferencias a sistemas operando a título primario.

Especificaciones: 5 V

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

For Users in Taiwan

警語：

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及功能。

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，並改善之無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機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。

在 5.25-5.35 GHz 頻帶內操作之無線資訊傳輸設備，限於室內使用。(4.7.5)

本模組於取得認證後將依規定於模組本體標示審驗合格標籤。

系統廠商應於平臺上標示「本產品內含射頻模組：CCAI13LP2410T9」字樣。

Panasonic Corporation

Web Site : <https://panasonic.net/cns/projector/>
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