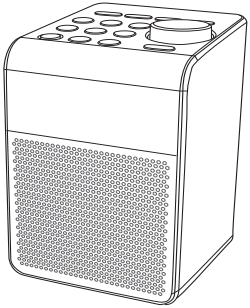
Panasonic

Operating Instructions

DAB-FM Radio

Model No. **RF-D20BT**
RF-D20U



Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.
Please keep this manual for future reference.

“EB” indicates the United Kingdom model.

EB EG GN

TQBJ2029-3

These operating instructions are applicable for models RF-D20BT and RF-D20U.

RF-D20BT : Indicate features applicable to RF-D20BT.

RF-D20U : Indicate features applicable to RF-D20U.

Unless otherwise indicated, illustrations in these operating instructions are of RF-D20BT.
Your system and the illustrations can look differently.

Product Identification Marking is located on the bottom of the unit.

Safety precautions

WARNING!

Unit

- To reduce the risk of fire, electric shock or product damage,
  - Do not let water or other liquids drip or splash inside the unit.
  - Do not expose accessories (AC mains lead and AC adaptor) to rain, moisture, dripping or splashing.
  - Do not place objects filled with liquids, such as vases, on accessories.
  - Use only the recommended accessories.
  - Do not remove covers.
  - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

CAUTION!

Unit

- Do not place sources of naked flames, such as lighted candles, on this unit.
- This unit is intended for use in moderate climates.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.

AC mains lead

- The mains plug is the disconnecting device. Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- Do not break open or short-circuit the battery.
- Do not charge the alkaline or manganese battery.
- Do not use the battery if the cover has peeled off.
- Remove the battery if you do not use the unit for a long period of time or if the unit is to be powered exclusively by AC power. Keep in a cool, dark area.

Small objects

- The VOLUME knob and DC IN cover can come off when pulled hard. To prevent children from swallowing, do not pull it off.

Caution for AC mains lead

(For the AC mains plug of three pins)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.
A 5-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

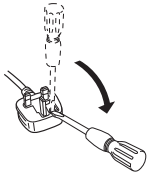
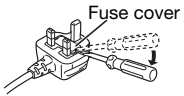
Check for the ASTA mark or the BSI mark on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.
If you lose the fuse cover the plug must not be used until a replacement cover is obtained.
A replacement fuse cover can be purchased from your local dealer.

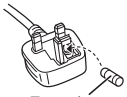
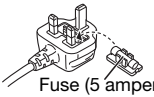
Before use
Remove the connector cover.

How to replace the fuse
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.
Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.

Figure A	Figure B
	

2. Replace the fuse and close or attach the fuse cover.

Figure A	Figure B
	

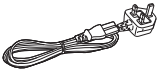
Supplied accessories

Check and identify the supplied accessories.

☐ 1 AC mains lead

For the United Kingdom and Ireland

(K2CT3YY00034)

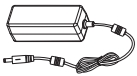


For Continental Europe

For Australia

☐ 1 AC adaptor

(TPBPA266)



Note:

Product numbers correct as of December 2016. These may be subject to change.

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References

Sales and Support Information

For the United Kingdom and Ireland

Customer Communications Centre

- For customers within the UK: 0344 844 3899
- For customers within Ireland: 01 289 8333
- Monday – Friday 9:00am – 5:00pm (Excluding public holidays).
- For further support on your product, please visit our website: www.panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications Centre Monday – Friday 9:00am – 5:00pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products. Take a browse on our website for further details.

The symbols on this product (including the accessories) represent the following:

~	AC
⎓	DC
⧈	Class II equipment (The construction of the product is double-insulated.)
|	ON
⏻	Standby

About Bluetooth®

Panasonic cannot be held responsible for data and/or information that can possibly be compromised during a wireless transmission.

Frequency band

- This system uses the 2.4 GHz frequency band.

Certification

- This system conforms to the frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law:
  - Taking apart or modifying the unit.
  - Removing specification indications.

Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

Range of use

- Use this device at a maximum range of 10 m.
- The range can decrease depending on the environment, obstacles or interference.

Interference from other devices

- This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

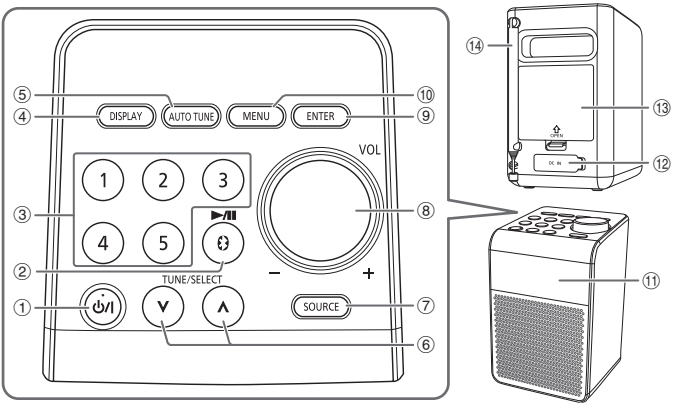
Intended usage

- This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc.).

Licenses

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.

Overview of controls



① **Standby/on switch** [⏻/I]
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

② Select “Bluetooth” as the audio source
During Bluetooth® source playback, press to pause or resume the playback.

③ Direct preset buttons

④ View available information

⑤ Auto tuning for FM stations

⑥ Select desired frequency in manual tuning
View available options

⑦ **Select the audio source**
DAB → FM → Bluetooth

⑧ Adjust the volume level

⑨ Confirm an option

⑩ View available menu

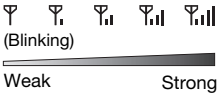
⑪ Display panel

⑫ RF-D20U DC-IN terminal and USB port cover
RF-D20BT DC IN terminal cover

⑬ Battery compartment

⑭ **Antenna**
Extend the antenna, adjust the length, angle and direction for best reception.

Signal strength indicator



(Important) About the splash proof

Splash proof performance*

Specifications for this unit are equivalent of IPX3 of IEC 60529.

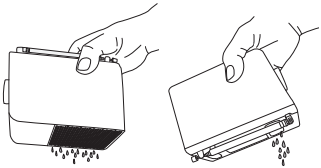
About the IPX3 (liquid ingress protection level against spraying water)
This unit is compatible to operate after water spraying up to 60 degrees from vertical at 10 liters / min at a pressure of 80-100kN/m^2 for 5 minutes.

* Splash proof is not guaranteed under all conditions.

Cautions for using around water

Conform to following. Improper use may result in a malfunction.

- Securely close the DC IN and battery cover.
- Do not open or close the DC IN and battery cover with wet hands or when water droplets are on this unit. Doing so may cause malfunction such as terminal rusting with the water droplets.
- Do not pour soap water or detergent, or immerse in water.
- Remove any hair, lint, sand, dust, etc., that maybe attached to the rubber seal on the DC IN and battery cover before closing.
- Leaving the device with water droplets in a cold region may result to malfunction such as the covers stuck closed.
- The sound may become softer or warped when water is accumulated in the speaker of this unit. Wipe this unit with dry soft cloth.
- Water may accumulate inside the speaker and top of this unit. Tilt the set to drain the water.

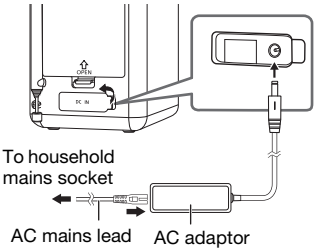


- When water enters inside this unit, stop using this unit, and contact the nearest Dealer or Service Center. Malfunction due to exposure to water by improper handling by the customer will not be covered by the warranty. Supplied accessories are not splash proof.

Power sources

Using the household mains socket

Connect the AC adaptor and AC mains lead firmly to the unit and the household mains socket.



(For the AC mains plug of three pins) READ THE “Caution for AC mains lead” BEFORE CONNECTION.

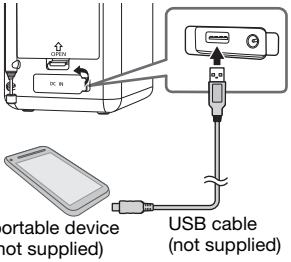
Note:

- Do not use any other AC adaptors except the supplied one.
- The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always “live” as long as the AC adaptor is connected to an electrical outlet.

Charging a portable device

RF-D20U

The USB port at the rear of the unit can be use to charge a portable device.

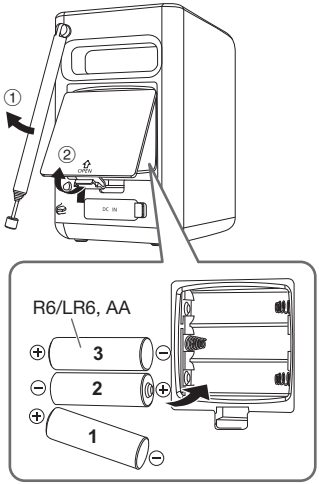


Note:

- You can charge the portable device only when the unit is connected to the household mains socket, either switched on or in standby mode.
- Some devices cannot be charged as the maximum USB charging current is 0.5 A only.

Using the batteries (not supplied)

Use alkaline or manganese batteries. Install the batteries so that the poles (+ and –) align with those in the unit.
This unit will use the batteries as the power source when you disconnect the AC mains lead. The battery indicator will light up.
The battery indicator shows the battery levels.



Caution!
Be careful when adjusting the antenna or in handling the unit, always keep the antenna away from your face to avoid an injury.

Note:
When the battery indicator "▭" begins flashing, replace all 3 of the batteries.

Getting started

1 **Extend the antenna.**

2 **Press [⏻/I] to switch on the unit.**

The first time you switch on the unit, it will enter DAB mode and automatically scan for stations. It sets the time and date (if data is available) and starts playing the first station it finds.

Number of stations found

Note:
In standby mode, the unit shows the time and date (only when the unit is powered by AC).

DAB/DAB+

DAB (Digital Audio Broadcasting) is a procedure of broadcasting the radio digitally. It gives less interference and better sound quality.
This unit supports DAB in "BAND III" bands.

DAB operation

The first time you enter DAB mode, or if the station list is empty, the unit will start the full scan and memorise the stations.
You can perform the full scan procedure when there is a new station or a station becomes available.

1 **Press [SOURCE] to select "DAB".**

2 **Press [MENU] to select "Full scan" and then press [ENTER] to start full scan.**
To cancel, press [MENU].

Remove unavailable listed stations

This unit indicates those stations that are closed or no longer available with a question mark in front of the station name. You can remove these stations from the station list.

1 **Press [MENU] and then press [∨ TUNE/SELECT ∧] to select "Prune".**

2 **Press [ENTER].**

3 **Press [∨ TUNE/SELECT ∧] to select "Yes" and then press [ENTER].**
To cancel, select "No".

```
Prune?
<No>
 Yes
```

Listening to a station

1 **Press [∨ TUNE/SELECT ∧] to select a station from the station list.**

2 **Press [ENTER] to tune to the selected station.**

Note:
"▼" indicates a secondary service station. Secondary service stations are always listed next to their primary station in the station list.

Presetting stations

You can preset up to 5 stations into the direct preset buttons.

1 **While listening to a station, press and hold the desired direct preset button ([1] to [5]).**
Example: press and hold [2] to store current station into preset 2.

```
Press ENTER key
   Preset 2
```

2 **Press [ENTER] to preset the station.**

Listening to a preset station

Press the direct preset button ([1] to [5]) to listen to the preset station.

Manual tuning

You can perform manual tuning to a particular channel or frequency. This can be useful when you are adjusting the antenna to achieve the best possible reception and scanning a particular channel to update the station list.

1 **Press [MENU].**

2 **Press [∨ TUNE/SELECT ∧] to select “Manual tune” and then press [ENTER].**

3 **Press [∨ TUNE/SELECT ∧] to select a frequency or channel and then press [ENTER].**
The display shows the received signal strength of the selected frequency. Adjust the antenna to achieve the best reception.

Threshold indicator

Adjust the antenna so that the received signal strength (solid rectangles) exceeds the threshold indicator.

Viewing available information

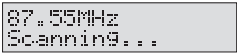
You can view various information about the DAB broadcast such as dynamic label information (if available), signal strength, program type, ensemble name, channel number, bit rate, DAB variant and date.

Press [DISPLAY] to view the available information.
Press and hold [DISPLAY] to show the default display.

FM radio

1 **Press [SOURCE] to select “FM”.**

2 **Press [AUTO TUNE] to tune to a station.**



The unit stops tuning when it finds a station.
Press [AUTOTUNE] again to tune to the next station.

Manual tuning

Press [∨ TUNE/SELECT ∧] to tune to the required station.

Presetting stations

You can preset up to 5 stations into the direct preset buttons.
The first five stations are preset with a default frequency for your convenience.

1 **While listening to a station, press and hold the desired direct preset button ([1] to [5]).**

2 **Press [ENTER] to preset the station.**

Listening to a preset station

Press the direct preset button ([1] to [5]) to listen to the preset station.

Viewing available information

This unit can show the text data transmitted by the radio data system (RDS) available in some areas, such as programme service, programme type and date.

Press [DISPLAY].

Note:
RDS may not be available if reception is poor.

Bluetooth®

You can connect and play an audio device wirelessly through Bluetooth®.

Preparation
- Switch on the Bluetooth® feature of the device and put the device near the system.
- Read the operating instructions of the device for details.

Pairing a device

Preparation
If this system is connected to a Bluetooth® device, disconnect it (➡"Disconnecting a device").

1 **Press and hold [ ].**
If "Pairing" is shown, continue with step 5.

2 **Press [MENU].**

3 **Press [∨ TUNE/SELECT ∧] to select "Pairing" and then press [ENTER].**

4 **Press [∨ TUNE/SELECT ∧] to select "Yes" and then press [ENTER].**
"Pairing" is shown.
To cancel, select "No".

5 **Select "RF-D20BT" or "RF-D20U" from the Bluetooth® menu of the device.**
If prompted for a passkey, input "0000" or "1234".
The device connects with this system automatically after pairing is complete.

Note:
You can pair up to 8 devices with this system. If a 9th device is paired, the device that has not been used for the longest time will be replaced.

Connecting a device

Preparation
If this system is connected to a Bluetooth® device, disconnect it (➡ "Disconnecting a device").

1 **Press [ ].**
"Bluetooth Ready" is shown.

2 **Select "RF-D20BT" or "RF-D20U" from the Bluetooth® menu of the device.**

3 **Start playback on the device.**
Press [►/II] to pause or resume the playback.

Note:
- A device must be paired to connect.
- This system can only connect to one device at a time.
- When "Bluetooth" is selected as the source, this system will automatically try to connect to the last connected device.

Disconnecting a device

While a Bluetooth® device is connected

1 **Press [MENU].**

2 **Press [∨ TUNE/SELECT ∧] to select "Disconnect" and then press [ENTER].**

3 **Press [∨ TUNE/SELECT ∧] to select "Yes" and then press [ENTER].**
"Bluetooth Ready" is shown.
To cancel, select "No".

Alternatively, press and hold [ ] until "Pairing" is shown to disconnect the device.

System settings

To view the System menu

When in DAB or Bluetooth mode

1 **Press [MENU].**

2 **Press [∨ TUNE/SELECT ∧] to select "System" and then press [ENTER].**

When in FM mode

Press [MENU].

To navigate around the menu

Press [∨ TUNE/SELECT ∧] to select an item or option. Press [ENTER] to confirm.

Example: Backlight setting displays

```
        Timeout        *
 10 sec
<On                    >
```

Indicates current setting

Alarm	The Alarm Wizard is shown. • **Alarm: Alarm Off, Alarm On** Select "Alarm On" to switch on the alarm. • **On time:** Set the hours and minutes of start time. • **Source: Buzzer, DAB, FM** Set the audio source. If FM or DAB is set, select the last station you tuned in to ("Last listened") or a preset station as the audio source. • Set the volume The alarm starts at a low volume and increases gradually to the preset level. "◷" is shown after you set the alarm. **Note:** • The alarm does not work when the unit is powered by batteries. • Check that the date and time are set correctly, or else the alarm may not work as desired. • The alarm will come on at the set time every day for a duration of 59 minutes. Press any button or turn any knob to stop the alarm. • You need to set the alarm again every time you disconnect and connect the AC power or after you replace the batteries.
Sleep	The sleep timer switches off the unit after the set time (in minutes). **Sleep Off, 30 minutes, 60 minutes, 90 minutes, 120 minutes** "SLEEP" is shown after you set the timer. To cancel, select "Sleep Off".
Equaliser	**Heavy, Soft, Clear, Vocal, Flat** "EQ" is shown after you select the effect. To cancel, select "Flat".

Time	The time and date information are updated automatically with the DAB/RDS broadcast (if available). You can also set the time and date manually with the Time menu. This is a 24 hour clock. • **Set time:** Set the hours and minutes. • **Set date:** Set the day, month and year.
Dimmer	• **Off**: Switches off the function. • **Dimmer 1**: Decrease the brightness of the backlight. • **Dimmer 2**: Further decrease the brightness of the backlight.
Backlight	• **On**: The backlight is always on. • **10 sec**: The backlight switches off after 10 seconds of inactivity.
Language RF-D20BT	You can change the language for the display panel. **English, Français, Deutsch, Italiano**
Factory Reset	**No, Yes** **Select** "Yes" to reset the unit to factory default setting.
Auto Power Off (Bluetooth mode only)	• **On:** The unit automatically switches off when you do not use it for approximately 20 minutes. • **Off** **Note:** This function does not work when you are in radio source.

Troubleshooting

General

Sound is distorted or no sound.
- Adjust the volume.
- Check and adjust the antenna.
- Move the unit to another location and do a full scan again.
- An AC mains lead or fluorescent light is near the cables. Keep other appliances and cords away from the cables of this unit.

Reception is poor or beat sound is heard.
- Keep the antenna away from computers, TVs, other cables and cords. Move mobile telephones away from the unit if the interference is apparent.

Bluetooth®

Pairing cannot be done.
- Check the Bluetooth® device condition.
- The device is out of the 10 m communication range. Move the device nearer to the system.

The device cannot be connected.
- The pairing of the device was unsuccessful. Do pairing again.
- The pairing of the device has been replaced. Do pairing again.
- This unit might be connected to a different device. Disconnect the other device and try connecting the device again.

The device is connected but audio cannot be heard through the system.
- For some built-in Bluetooth® devices, you have to set the audio output to "RF-D20BT" or "RF-D20U" manually. Read the operating instructions of the device for details.

Sound from the device is interrupted.
- The device is out of the 10 m communication range. Move the device nearer to the system.
- Remove any obstacle between the system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Move the device nearer to the system and distance it from the other devices.

Messages

"Alarm Not Saved."
- The changes made to the alarm was not saved, the changes will be lost.

"No DAB station"
- No DAB station available.
- Check the antenna.
- Move the unit to another location and do a full scan again.

"Service not available"
- No DAB reception.

"Time Not Saved."
- The changes made to the time was not saved, the changes will be lost.

RF-D20U **"USB charging error Please remove device"**
- The USB device is using too much power. Disconnect the USB device, switch off the system and then switch on again.

Maintenance

To clean this system, wipe with a soft, dry cloth.
- Never use alcohol, paint thinner or benzine to clean this system.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Specifications

RF-D20BT RMS output power	
AC adaptor	3 W per channel (4 Ω), 1 kHz, 10% THD
Battery	2 W per channel (4 Ω), 1 kHz, 10% THD
RF-D20U RMS output power	
AC adaptor	2 W per channel (4 Ω), 1 kHz, 10% THD
Battery	2 W per channel (4 Ω), 1 kHz, 10% THD
Tuner	
Preset memory	FM 5 stations
Frequency modulation (FM)	
Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)
DAB	
DAB memories	5 channels
Frequency band (wavelength)	
Band III	5A to 13F (174.928 MHz to 239.200 MHz)
Sensitivity *BER 4×10^{-4}	
Min requirement	–98 dBm
Bluetooth®	
Version	Bluetooth® Ver. 2.1 + EDR
Class	Class 2
Supported profiles	A2DP, AVRCP
Operating frequency	2402 MHz to 2480 MHz
Operation distance	10 m line of sight
Maximum RF power	–1.80 dBm
Speaker	
Full range	5 cm cone type x 1
Power supply	
AC adaptor	
Input	AC 220 V to 240 V, 50/60 Hz
Output	DC 5 V, 1.5 A
Main unit	
Input	DC 5 V, 1.5 A
Battery	DC 4.5 V (3 x R6/LR6)
RF-D20U USB port power (charging only)	DC OUT 5 V, 0.5 A
Power consumption (With “Dimmer” set to “OFF”)	2 W

Dimensions (W x H x D)	90 mm x 140 mm x 100 mm

Mass

With batteries	0.7 kg
Without batteries	0.6 kg
AC adaptor	0.1 kg

Operating temperature range	0°C to +40°C
Operating humidity range	20% to 80% RH (no condensation)
Splash proof	IPX3 or equivalent

Battery life

(RF-D20BT Operate at 120 mW with LCD Backlight OFF)
(RF-D20U Operate at 80 mW with LCD Backlight OFF)

Power source	Manganese R6 battery	Alkaline LR6 battery
Bluetooth®	Approx. 2.5 H	Approx. 12 H
FM/DAB	Approx. 2 H	Approx. 8 H

Power consumption in standby mode (With “Dimmer” set to “OFF”)	**0.8 W (approximate)**

Note:
Specifications are subject to change without notice. Mass and dimensions are approximate.

CE

English
Declaration of Conformity (DoC)

Hereby, "*Panasonic Corporation*" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Customers can download a copy of the original DoC to our RE products from our DoC Server:
http://www.doc.panasonic.de
Contact to Authorised Representative:
Panasonic Marketing Europe GmbH,
Panasonic Testing Centre,
Winsbergring 15, 22525 Hamburg,
Germany

Ελληνικά
Δήλωση συμμόρφωσης (DoC)

Με την παρούσα, η "*Panasonic Corporation*" δηλώνει ότι το προϊόν αυτό είναι σύμφωνο με τις βασικές απαιτήσεις και άλλες σχετικές διατάξεις της οδηγίας 2014/53/ΕΕ.

Οι πελάτες μπορούν να κατεβάσουν ένα αντίγραφο τουπρωτοτύπου DoC για τα RE προϊόντα μας από τον DoC server μας:
http://www.doc.panasonic.de
Στοιχεία επικοινωνίας Εξουσιοδοτημένου Αντιπροσώπου:
Panasonic Marketing Europe GmbH,
Panasonic Testing Centre,
Winsbergring 15, 22525 Hamburg,
Γερμανία

Português
Declaração de Conformidade (DoC)

Com o presente documento, a "*Panasonic Corporation*" declara que este produto é conforme os requisitos específicos e demais especificações referentes à Directriz 2014/53/UE.

Os clientes podem baixar uma cópia da declaração de conformidade (DoC) para nossos produtos RE do Server DoC:
http://www.doc.panasonic.de
Contacte o representante autorizado:
Panasonic Marketing Europe GmbH,
Panasonic Testing Centre,
Winsbergring 15, 22525 Hamburg,
Alemanha

Español
Declaración de conformid (DoC)

Por la presente, *"Panasonic Corporation"* declara que este producto cumple con los requerimientos esenciales y otras provisiones pertinentes de la Directiva 2014/53/UE.

Los clientes pueden descargar una copia de la DoC original de nuestros productos RE de nuestro servidor DoC:
http://www.doc.panasonic.de
Contacto del representante autorizado:
Panasonic Marketing Europe GmbH,
Panasonic Testing Centre,
Winsbergring 15, 22525 Hamburg,
Alemania

Slovensko
Izjava o skladnosti (DoC)

S pričujočo izjavo podjetje "*Panasonic Corporation*" izjavlja, da so svoji izdelki skladni s poglavitnimi zahtevami in drugimi odgovarjajočimi predpisi direktive 2014/53/EÚ.

Stranka lahko naloži izvod izvirnega DoC o naših izdelkih RE s strežnika DoC:
http://www.doc.panasonic.de
Pooblaščeni zastopnik: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemčija

Slovensky
Vyhlásenie o zhode (DoC)

"Panasonic Corporation" týmto prehlasuje, že tento
výrobok je v zhode so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 2014/53/EU.

Zákazníci si môžu stiahnuť kópiu pôvodného DoC na naše RE výrobky z nášho servera DoC:
http://www.doc.panasonic.de
Kontakt na splnomocneného zástupcu: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemecko

Suomi
Vaatimustenmukaisuusvakuutus

"Panasonic Corporation" takaa, että tämä tuote noudattaa direktiivin 2014/53/EU keskeisiä vaatimuksia ja muita asianmukaisia ehtoja.

Asiakkaat voivat ladata palvelimeltamme kopion RE -tuotteidemme alkuperäisestä vaatimustenmukaisuusvakuutuksesta:
http://www.doc.panasonic.de
Valtuutetun edustajan yhteystiedot: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Saksa

Български
Декларация за съответствие (DoC)

"*Panasonic Corporation*" декларира, че този продукт съответства на съществените изисквания и другите приложими разпоредби на Директива 2014/53/ЕС.

Потребителите могат да свалят копие от оригиналните DoC към нашите продуктите от типа RE от сървъра, на който се съхраняват DoC:
http://www.doc.panasonic.de
За контакт с оторизиран представител: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Германия

Eesti keel
Vastavusdeklaratsioon (DoC)

"*Panasonic Corporation*" kinnitab käesolevaga, et see toode on vastavuses põhiliste nõuete ja muude direktiivi 2014/53/EL asjakohaste sätetega.

Kliendid saavad koopia meie RE toodetele kehtiva originaalvastavusdeklaratsiooni koopia alla laadida meie DoC serverist:
http://www.doc.panasonic.de
Võtke ühendust volitatud esindajaga: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

Latviski
Atbilstības deklarācija (DoC)

Kompānija “*Panasonic Corporation*” ar šo paziņo, ka šis izstrādājums atbilst būtiskām prasībām un citām saistošām Direktīvas 2014/53/ES prasībām.

Pircēji var lejupielādēt oriģinālo DoC kopiju mūsu RE izstrādājumos no mūsu DoC servera:
http://www.doc.panasonic.de
Lūdzam sazināties ar pilnvaroto parstāvi: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

Lietuviškai
Atitikties deklaracija (AD)

Bendrovė “*Panasonic Corporation*” patvirtina, kad šis gaminys tenkina direktyvos 2014/53/ES esminius reikalavimus ir kitas taikytinas nuostatas.

Mūsų RE gaminių originalios atitikties deklaracijos kopiją klientai gali atsisiųsti iš mūsų AD serverio:
http://www.doc.panasonic.de
Įgaliotojo atstovo adresas: “Panasonic Marketing Europe GmbH”, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija

Român
Declaraţie de Conformitate (DoC)

Prin prezenta, societatea “*Panasonic Corporation*” declară că produsul este conform cu cerinţele esenţiale şi cu alte norme corespunzătoare Directivei 2014/53/UE.

Clienţii pot descărca o copie a DoC-ului original al produselor noastre RE de la adressa noastră DoC din Internet:
http://www.doc.panasonic.de
Contact la Reprezentanţa autorizată: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germania

Magyar
Megfelelőségi Nyilatkozat (DoC)

Ezennel a, “*Panasonic Corporation*” kijelenti, hogy a jelen termék kielégíti az 2014/53/EU Irányelv létfontosságú követelményeit és más vonatkozó rendelkezéseit.

A vásárlók letölthetik az RE termékek eredeti DoC másolatát a DoC szerverünkről:
http://www.doc.panasonic.de
Forduljon a hivatalos márkaképviselethez: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Németország

Hrvatski
Deklaracija o podobnosti (DoC)

Ovime, “*Panasonic Corporation*” izjavljuje da je ovaj proizvod udovoljava osnovnim zahtjevima i ostalim relevantnim uvjetima Smjernice 2014/53/EU.

Kupci mogu preuzeti kopiju originalne DoC za naše RE proizvode s našeg DoC poslužitelja:
http://www.doc.panasonic.de
Obratite se ovlaštenom predstavniku: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Njemačka

Česky
Prohlášení o shodě

Společnost “*Panasonic Corporation*” tímto prohlašuje, že tento výrobek je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.

Zákazníci si mohou stáhnout kopii originálu prohlášení o shodě pro naše produkty RE z našeho serveru:
http://www.doc.panasonic.de
Oprávněný zástupce: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Německo

Limited Warranty (For Australia only)

Panasonic Warranty

1. The product is warranted for 12 months from the date of purchase. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product without charge for parts or labour, if in the opinion of Panasonic, the product is found to be faulty within the warranty period.
2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised Distributors or Dealers and only where the products are used and serviced within Australia or it's territories. Warranty cover only applies to service carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when warranty service is requested.
3. This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
   (a) Cabinet Part(s)
   (b) Video or Audio Tapes
   (c) SD cards or USB devices
   (d) User replaceable Batteries
   (e) DVD, Blu-ray or Recordable Discs
   (f) Video / Audio Heads from wear and tear in normal use
   (g) Information stored on Hard Disk Drive, USB stick or SD card
   (h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s) etc
5. Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover
   (a) Internet and or DLNA connection / setup related problems
   (b) Access fees and or charges incurred for internet connection
   (c) The use of incompatible software or software not specifically stipulated in the product operations manual; and
   (d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or any other device.
6. To claim warranty service, when required, you should:
   - Telephone Panasonic's Customer Care Centre on 132600 or visit our website referred to below and use the Service Centre Locator for the name / address of the nearest Authorised Service Centre.

- Send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged by you.
- Note that home or pick-up / delivery service is available for the following products in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centres:
  – Plasma / LCD televisions / displays (screen size greater than 103 cm)

7. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair or replace the product and will do so in a reasonable period of time from receiving notice from you.

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the **Panasonic Australia** website **www.panasonic.com.au** or contact by phone on **132 600**

If phoning in, please ensure you have your operating instructions available.

Panasonic Australia Pty. Limited

ACN 001 592 187 ABN 83 001 592 187
1 Innovation Road, Macquarie Park NSW 2113

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TQBJ2029

Disposal of Old Equipment and Batteries
Only for European Union and countries with recycling systems

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries 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.

Note for the battery symbol (bottom symbol):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Manufactured by: Panasonic Corporation
Kadoma, Osaka, Japan
Importer for Europe: Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany

EU

Panasonic Corporation
Web Site: http://www.panasonic.com

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