

# Panasonic®

TENTATIVE



Operating Instructions  
Bedienungsanleitung  
Mode d'emploi/Istruzioni per l'uso  
Instrucciones de funcionamiento  
Bruksanvisning  
Betjeningsvejledning  
Návod k obsluze  
Instrukcja obsługi  
Návod na obsluhu

ENGLISH

DEUTSCH

FRANÇAIS

ITALIANO

ESPAÑOL

SVENSKA

DANSK

ČESKY

POLSKI

SLOVENSKY

**Digital Wireless Stereo Headphones**  
**Digitale drahtlose Stereo-Kopfhörer**  
**Casque d'écoute stéréo sans fil numérique**  
**Cuffie stereo senza fili digitali**  
**Cascos auriculares estéreo inalámbricos digitales**  
**Digitala trådlösa stereohörlurar**  
**Digital trådløse stereo hovedtelefoner**  
**Digitální bezdrátová stereofonní sluchátka**  
**Bezprzewodowe cyfrowe słuchawki nagłowne stereo**  
**Digitálne bezdrôtové stereo slúchadlá**

Model No.

## RP-HF400B



E

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



TQBM0093

## Dear customer

Thank you for purchasing this product. Please read these instructions carefully before using this product, and save this manual for future use.

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# Accessories

Please check and identify the supplied accessories.

- 1 USB charging cord

## For the United Kingdom and Ireland customers

### Sales and Support Information

#### Customer Communications Centre

- For customers within the U.K.:  
0344 844 3899
- For customers within Ireland:  
01289 8333
- Monday - Friday 9:00am - 5:00pm  
(Excluding public holidays).
- For further support on your product, please visit our website:  
[www.panasonic.co.uk](http://www.panasonic.co.uk)

#### Direct Sales at Panasonic U.K.

- 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](http://www.pas-europe.com)
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic U.K.
- 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.

# Safety precautions

## ■ Unit

- Avoid using or placing this unit near sources of heat.
- Do not listen with this unit at high volume in places where you need to hear sounds from the surrounding environment for safety, such as at railroad crossings, and construction sites.
- Wide band characteristic voltage equal or larger than 75 mV.

## WARNING:

- To reduce the risk of fire, electric shock or product damage,
- Do not expose this unit to rain, moisture, dripping or splashing.
  - Do not place objects filled with liquids, such as vases, on this unit.
  - Use only the recommended accessories.
  - Do not remove covers.
  - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

## ■ Allergies

- Discontinue use if you experience discomfort with the speakers or any other parts that directly contact your skin.
- Continued use may cause rashes or other allergic reactions.

## ■ Precautions for listening with the Headphones

- Do not use your headphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorised vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.

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.

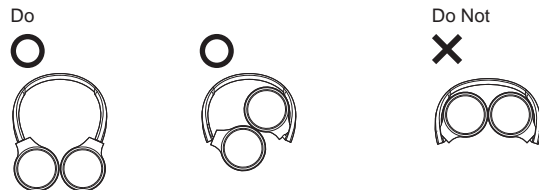
# Maintenance

Clean this unit with a dry and soft cloth.

- Do not use solvents including benzene, thinner, alcohol, kitchen detergent, a chemical wiper, etc. This might cause the exterior case to be deformed or the coating to come off.

## Folding this unit

Fold the headphones as shown below. Improper folding may result in a malfunction.



## 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

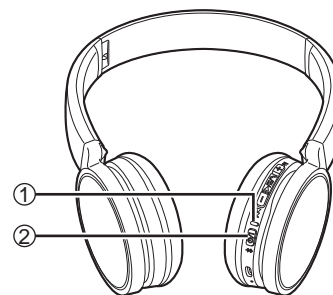
This product is in compliance with the radio standards of the following countries.

GB, DE, AT, BE, SE, FR, IT, ES, MT, PL, HU, CZ, SK, IE, LU, CH, IS, LI

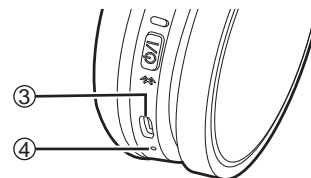
## For Singapore only

Complies with  
IDA Standards  
DB01017

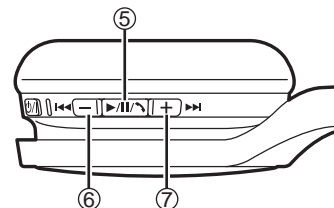
# Part names



Bottom



Right



## ① LED indicator light\*

- The number of blinks or colour notifies the status of the unit. (\* hereafter referred to as "LED")

## ② Power $\phi$ /I / Pairing $\phi$ button

## ③ Charging terminal (DC IN)

- Connect the USB charging cord (supplied) to this terminal when charging. (→ P. 4)

## ④ Microphone

## ⑤ Play/Pause/Call $\triangleright$ /II/ $\triangleleft$

## ⑥ Previous $\triangleleft\triangleleft$ /Volume -

## ⑦ Next $\triangleright\triangleright$ /Volume +

## ■ Note

- Do not use any other USB charging cords except the supplied one.
- When using the unit, do not cover the right speaker with the palm of your hand. The Bluetooth® connection may be blocked.

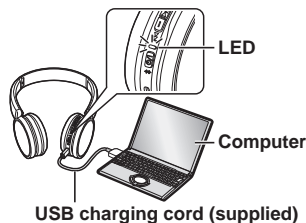
The product illustrations may differ from the actual product.

# Charging

The rechargeable battery (installed in the unit) is not charged initially. Charge the battery before using the unit.

## 1 Connect this unit to a computer using the USB charging cord

- Within approximately 3 seconds after the connection is established, the LED will light in red.
- The LED lights in red when charging is in progress. When charging is completed, the LED will go out.
- Charging will take approximately 3 hours from empty state to fully charged.



### ■ Note

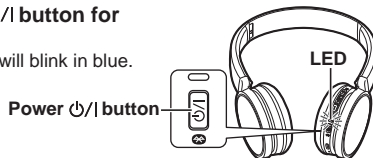
- The Bluetooth® feature cannot be used when this unit is connected to a computer using the USB charging cord.
- Charge in a room temperature between 10 °C and 35 °C. Outside of this range of temperatures, charging may stop.
- The power cannot be turned on while charging.
- Do not use any other USB charging cords except the supplied one.

Caution: Use only the supplied USB charging cord when connecting to a computer.


# Turning the power on/off

## 1 Press and hold the power button for approximately 3 seconds

- A beep will sound and the LED will blink in blue.



### To turn the power off

- Press and hold the power  button for approximately 3 seconds. A beep will sound and the power will be turned off.

### ■ Note

- When the unit is not operated for approximately 5 minutes, the power will automatically turn off. (See "Auto power off" (→ P. 6))

# Connecting a Bluetooth® device

## Preparation

- Place the Bluetooth® device within approx. 1 m from the unit.
- Check the device operation using its operation instructions as required.

## Pairing (Registration) this unit with the Bluetooth® device for connection

### 1 Press and hold the power button of this unit until the LED blinks

When pairing a device for the first time : approx. 3 seconds

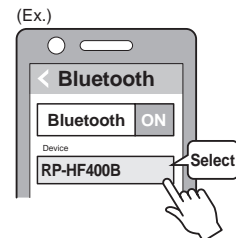
When pairing a second or subsequent devices : approx. 5 seconds

- The unit starts to search for the Bluetooth® device for connection, and the LED will blink in blue and red alternately.

### 2 Turn on the power of the Bluetooth® unit, and enable the Bluetooth® function

### 3 Select "RP-HF400B" from the Bluetooth® device's menu

- The MAC address "□□□□□□" ("□" stands for a character that is unique to each set.) may be displayed before "RP-HF400B" is displayed.
- If prompted for a passkey, input the passkey "0000 (four zeros)" of this unit.



### 4 Check the connection with the Bluetooth® device on the unit

- The LED will blink in blue and red alternately until the connection with the device is completed. When the LED (blue) blinks twice every approx. 3 seconds, pairing (registration) is completed. (Connection established)

### ■ Note

- If connection to a device is not established within approximately 5 minutes, the unit will be turned off. Perform pairing again.
- 2 or more Bluetooth® devices cannot be registered to the unit at the same time.
- You can pair up to 8 Bluetooth® devices with this unit. If a 9th device is paired, the device with the oldest connection will be replaced. To use it, perform pairing again.

## Connecting a paired Bluetooth® device

### 1 Turn on the unit

- Press and hold the power button of this unit for approx. 3 seconds until the LED (blue) blinks.
- A beep will sound, and the LED (blue) will blink slowly.

### 2 Perform steps 2 and 3 of “Pairing (Registration) this unit with the Bluetooth® device for connection” (→ P. 4)

- When the LED (blue) blinks twice every approx. 3 seconds, pairing (registration) is completed. (Connection established)

#### ■ Note

- This unit remembers the device lastly connected. Connection may be automatically established after step 1 (see above).
- If connection to a device is not established within approximately 5 minutes, the unit will be turned off. Perform pairing again. (→ P. 4)

## Listening to music

If the Bluetooth® compatible device supports the “A2DP” and “AVRCP” Bluetooth® profiles, music can be played back with remote control operations on the unit.

- **A2DP** (Advanced Audio Distribution Profile): Transmits audio to the unit.
- **AVRCP** (Audio/Video Remote Control Profile): Allows remote control of the device using the unit.

### 1 Connect the Bluetooth® device and the unit (→ P. 4)

### 2 Select and play the music on the Bluetooth® device

- The selected music is output to the speakers of the unit.

## Operating time of battery

Battery type	Operating time
Rechargeable battery (installed in the unit)	Approx. 20 hours

Operating time may be less depending on the operating conditions.

#### ■ Attention

- The unit might leak sound depending on the volume level.
- When the volume is increased to near maximum level, music may sound distorted. Decrease the volume until the distortion is cleared.

## Remote controlling

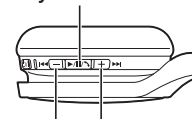
You can control the Bluetooth® device using the unit.

- Depending on Bluetooth® devices, some functions below do not work, or work differently via operation of the unit.

### (Operation example)

Play/Pause/Call		
▶/II/⏏	Press	Play/Pause/Call
Previous/Next/Volume		
+	Press	Increase the volume
	Press and hold	Forward to the start of next track
-	Press	Decrease the volume
	Press and hold	Return to the start of current track

### Play/Pause/Call



Volume -/ Previous      Volume +/ Next

#### ■ Note

- The volume can be adjusted in 15 levels.  
When the maximum or minimum volume is reached, a beep will sound.


# Making a phone call

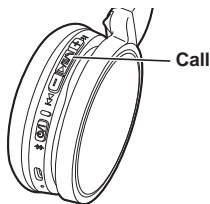
With Bluetooth® enabled phones (cell phones or smartphones) that support the "HSP" or "HFP" Bluetooth® profile, you can use the unit for phone calls.

- **HSP** (Headset Profile):  
This profile can be used to receive monaural sounds and establish two-way communication using the microphone on the unit.
- **HFP** (Hands-Free Profile):  
In addition to the HSP functions, this profile has the incoming and outgoing calls function.
- Connect the Bluetooth® enabled phone and unit (→ P. 4)

## 1 When answering an incoming call

### Press Call on the unit and answer the call

- During an incoming call, ringtone will sound from the speaker and the LED will blink.
- **(HFP only)** To reject the incoming call, press and hold Call  until the ringtone stops.



## 2 Start talking



- The LED will repeatedly blink 2 times during a call.
- The volume can be adjusted during a phone call. For setting instructions, see page 5.

## 3 Press Call to end the phone call


- A beep will sound.

## When making an outgoing call

### Make an outgoing call on the Bluetooth® enabled phone


- Also refer to the operating manual for the Bluetooth® enabled phone.
- (Checking and operation steps on the unit are explained below)**
- During an outgoing call, ringtone will sound from the speaker and the LED will blink.
- To cancel the outgoing call, press Call . A beep will sound.
- **(HFP only)** When the phone is idle, press and hold Call  for approximately 5 seconds. An outgoing call will be made to the last dialed number. One short click will sound from the speaker and the LED will blink.

## Note

- There may be instances when hands free setting needs to be done on the Bluetooth® enabled phone.
- Depending on the Bluetooth® enabled phone, you may hear incoming and outgoing call ringtones of the phone from the unit.
- **(HFP only)** The calling device will be switched between the Bluetooth® enabled phone and the unit. (Press the Call  on the unit twice quickly to switch.)

# Useful functions

## Resetting the unit

This unit can be reset when all operations are rejected. To reset the unit, press and hold the power  button for 10 seconds or more. All the previous operations will be cancelled. (The pairing device information will not be deleted.)

## Auto power off

If the unit is silent for approximately 5 minutes and operations for Bluetooth® devices are idle during that period, a beep will sound and the power will be automatically turned off.

## LED indicator light

When the battery level is low during use of the unit, the blue blinking LED will change to red\*. A beep will sound every 1 minute. When the battery runs out, the power will turn off.

\*If you press and hold the pairing  button when the battery level is low, the LED will blink only in red.

# Restoring to the factory settings

When you want to delete all pairing device information, etc., you can restore the unit to the factory settings (original settings upon purchase). Charge the battery before restoring the unit.

## 1 Press and hold the power button for approximately 5 seconds

- Start searching for Bluetooth® devices to connect.

## 2 Press and hold + and - for 6 seconds or more simultaneously while searching

- The LED will blink fast in blue. The unit will restore to the factory settings.

## Attention

- When pairing a device again, delete the registering information (Device: "RP-HF400B") from the Bluetooth® device's menu, and register this unit with the Bluetooth® device again. (→ P. 4)

# About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

## ■ Frequency band used

This unit uses the 2.4 GHz frequency band.

## ■ Certification of this unit

- This unit conforms to frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
  - Taking apart/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 may not be sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

## ■ Range of use

Use this unit at a maximum range of 10 m.

The range can decrease depending on the environment, obstacles or interference.

## ■ Interference from other devices

- This unit 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 unit may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

## ■ Intended usage

- This unit 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).

# Specifications

## ■ General

Power supply	DC 5 V, 330 mA (Internal battery : 3.7 V (Li-polymer 430 mAh))
Operating time*1	Approx. 20 hours
Charging time*2 (25 °C)	Approx. 3 hours
Charging temperature range	10 °C to 35 °C
Operating temperature range	0 °C to 40 °C
Operating humidity range	35%RH to 80%RH (no condensation)
Mass	Approx. 130 g

\*1 It may be shorter depending on the operating conditions.

\*2 Time taken to recharge from empty to full.

## ■ Bluetooth® section

Bluetooth® system specification	Ver. 4.1
Wireless equipment classification	Class 2 (2.5 mW)
Frequency band	2402 MHz to 2480 MHz
Max RF power	4 dBm (EIRP)
Supported profiles	A2DP, AVRCP, HSP, HFP
Supported codec	SBC
Operating distance	Up to 10 m

## ■ Speaker section

Driver units	30 mm
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## ■ Terminal section

DC IN	DC 5 V, 330 mA
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## ■ Microphone section

Type	Mono
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## ■ Accessory section

USB charging cord	0.1 m
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● Specifications are subject to change without notice.

# Troubleshooting guide

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the remedies indicated do not solve the problem, consult your dealer for instructions.

## General

### The unit does not respond

- Connect the unit to a computer using the USB charging cord. The unit will be reset. (→ P. 6)

## Power supply and charging

### Cannot charge the unit

- Make sure the computer is turned on and is not on standby or sleep mode.
- Is the USB port you are currently using working properly? If your computer has other USB ports, unplug the connector from its current port and plug it into one of the other ports.
- If the measures mentioned above are not applicable, unplug the USB charging cord and plug it in again.
- If the charge time and operating time become shortened, the battery may have run down. (Number of charging times of the installed battery: Approximately 500.)

### LED does not light during charging / Charging takes longer

- Is the USB charging cord (supplied) connected firmly to the USB terminal of the computer? (→ P. 4)
- Make sure to charge in a room temperature between 10 °C and 35 °C.

### The power does not turn on

- Is the unit being charged? The power cannot be turned ON during charging. (→ P. 4)

## Bluetooth® device connection

### The device cannot be connected

- Delete the pairing information for this unit from the Bluetooth® device, then pair them again. (→ P. 4)

## Sound and audio volume

### No sound

- Make sure that the unit and the Bluetooth® device are connected correctly. (→ P. 4)
- Check if music is playing on the Bluetooth® device.
- Make sure that the unit is turned on and the volume is not set too low.
- Pair and connect the Bluetooth® device and the unit again. (→ P. 4)
- Check if the Bluetooth® compatible device supports "A2DP" profile. For details on profiles, see "Listening to music" (→ P. 5). Also refer to the operating manual for the Bluetooth® compatible device.

### Low volume

- Increase the volume of the unit. (→ P. 5)
- Increase the volume on the Bluetooth® device.

### Sound from the device is cut off / Sound quality is bad

- Sound may be disrupted if signals are blocked. Do not fully cover this unit with the palm of your hand, etc.
- The device may be out of the 10 m communication range. Move the device closer to this unit.
- Remove any obstacle between this unit and the device.
- Switch off any wireless LAN device when not in use.
- A communication problem may arise if the battery is not fully charged. Charge the unit. (→ P. 4)

## Phone Calls

### You cannot hear the other person

- Make sure that the unit and the Bluetooth® enabled phone are turned on.
- Check if the unit and the Bluetooth® enabled phone are connected. (→ P. 4)
- Check the audio settings of the Bluetooth® enabled phone. Switch the calling device to the unit if it is set to the Bluetooth® enabled phone. (→ P. 4)
- If the volume of the other person's voice is too low, increase the volume of both the unit and the Bluetooth® enabled phone.

### Cannot make a phone call

- Check if the Bluetooth® compatible device supports "HSP" or "HFP" profile. For details on profiles, see "Listening to music" (→ P. 5) and "Making a phone call" (→ P. 6). Also refer to the operating manual for the Bluetooth® enabled phone.



# Copyright, etc.

- 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.
- Other system names and product names appearing in this document are in general the registered trademarks or trademarks of the respective developer companies. Note that the ™ mark and ® mark do not appear in this document.

## 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.

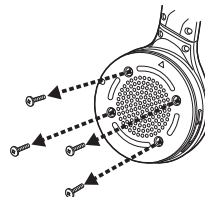


# To remove the battery when disposing of this unit

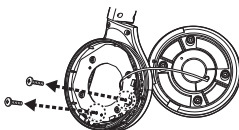
## 1 Remove the right speaker.



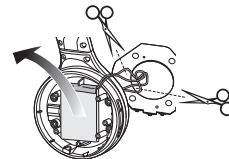
## 2 Remove the 4 screws.



## 3 Remove the 2 screws, and the board.



## 4 Cut off the wires one by one with scissors, and remove the battery.



The following instructions are not intended for repairing purposes but for the disposal of this unit. This unit is not restorable once disassembled. When disposing of this unit, take out the battery installed in this unit and recycle it.

- Disassemble after the battery runs out.
- Keep disassembled parts out of reach of children.

## Regarding the handling of used batteries

- Insulate the terminals with adhesive tape or similar material.
- Do not disassemble.

## Batteries

- 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.
- Battery mishandling can cause electrolyte leakage which can damage items the leaked fluid comes into contact with. If electrolyte leaks from the battery, consult your dealer. Wash thoroughly with water if electrolyte comes in contact with any part of your body.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.