Panasonic®

Basic Owner's Manual
Digital Wireless Stereo Headphones

Model No. **RP-HD605N**

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

Register online at http://shop.panasonic.com/support

If you have any questions, visit:
http://shop.panasonic.com/support

Bluetooth®
Qualcomm® aptX™ HD
LDAC

P

Panasonic Corporation of North America
Two Riverfront Plaza, Newark, NJ 07102-5490
http://shop.panasonic.com

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More detailed operating
instructions are available in
"Owner's Manual (PDF format)".
To read it, download it from the
website.
http://panasonic.jp/support/global/
cs/accessories/oi/rp_hd600n/
• Click the desired language.

Accessories

Please check and identify the supplied accessories.
To order accessories, refer to "Limited Warranty" on the rear page.

☐ 1 x USB charging cord
☐ 1 x Detachable cord
☐ 1 x Carrying case
☐ 1 x Airplane adaptor

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

Maintenance

Clean this unit with a dry and soft cloth.
• Do not use solvents including benzine, thinner, alcohol, kitchen
detergent, a chemical wiper, etc. This might cause the exterior
case to be deformed or the coating to come off.

This device complies with Part 15 of FCC Rules. Operation
is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including
interference that may cause undesired operation of this
device.
FCC ID: ACJ-RP-HD605N
Model: RP-HD605N

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

This equipment complies with FCC radiation exposure limits
set forth for an uncontrolled environment and meets the FCC
radio frequency (RF) Exposure Guidelines. This equipment
has very low levels of RF energy that is deemed to comply
without testing of specific absorption ratio (SAR).

FCC Note:
This equipment has been tested and found to comply with the
limits for a Class B digital device, pursuant to Part 15 of the
FCC Rules.
These limits are designed to provide reasonable protection
against harmful interference in a residential installation. This
equipment generates, uses, and can radiate radio frequency
energy and, if not installed and used in accordance with the
instructions, may cause harmful interference to radio
communications.
However, there is no guarantee that interference will not
occur in a particular installation. If this equipment does cause
harmful interference to radio or television reception, which
can be determined by turning the equipment off and on, the
user is encouraged to try to correct the interference by one or
more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and
  receiver.
• Connect the equipment into an outlet on a circuit different
  from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for
  help.
Any unauthorized changes or modifications to this equipment
would void the user's authority to operate this device.
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.
Responsible Party: Panasonic Corporation of North America
     Two Riverfront Plaza, Newark, NJ 07102-5490
Support Contact: http://shop.panasonic.com/support

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit.
Follow the safety instructions on the unit and the applicable
safety instructions listed below. Keep these operating
instructions handy for future reference.

1 Read these instructions.
2 Keep these instructions.
3 Heed all warnings.
4 Follow all instructions.
5 Do not use this apparatus near water.
6 Clean only with dry cloth.
7 Do not block any ventilation openings. Install in accordance
   with the manufacturer's instructions.
8 Do not install near any heat sources such as radiators, heat
   registers, stoves, or other apparatus (including amplifiers) that
   produce heat.
9 Do not defeat the safety purpose of the polarized or
   grounding-type plug. A polarized plug has two blades with one
   wider than the other. A grounding-type plug has two blades
   and a third grounding prong. The wide blade or the third prong
   are provided for your safety. If the provided plug does not fit
   into your outlet, consult an electrician for replacement of the
   obsolete outlet.
10 Protect the power cord from being walked on or pinched
   particularly at plugs, convenience receptacles, and the point
   where they exit from the apparatus.
11 Only use attachments/accessories specified by the
   manufacturer.
12 Use only with the cart, stand, tripod,
   bracket, or table specified by the
   manufacturer, or sold with the apparatus.
   When a cart is used, use caution when
   moving the cart/apparatus combination to
   avoid injury from tip-over.
13 Unplug this apparatus during lightning
   storms or when unused for long periods of
   time.
14 Refer all servicing to qualified service personnel. Servicing is
   required when the apparatus has been damaged in any way,
   such as power-supply cord or plug is damaged, liquid has
   been spilled or objects have fallen into the apparatus, the
   apparatus has been exposed to rain or moisture, does not
   operate normally, or has been dropped.

■ Unit

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 the recommended accessories.
• Do not remove covers.
**• Do not repair this unit by yourself. Refer servicing to
  qualified service personnel.**

• Avoid using or placing this unit near sources of heat.
• Do not use while operating a motorized vehicle. It may create a
  traffic hazard and is illegal in many areas.
• 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.
• Certification information can be found on the right side of the
  headphones. Remove the right ear pad to see it.

■ Allergies
• Discontinue use if you experience discomfort with the ear pads
  or any other parts that directly contact your skin.
• Continued use may cause rashes or other allergic reactions.

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.

This unit is intended for use in moderate and tropical climates.

The serial number of this product can be found on the left side
of the headphones.
Remove the left ear pad to see it.
Please note them in the space provided below and keep for
future reference.
MODEL NUMBER _____RP-HD605N_____
SERIAL NUMBER _____

User memo:
DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
_____
TELEPHONE NUMBER _____

Limited Warranty

Panasonic Products Limited Warranty

Limited Warranty Coverage
If your product does not work properly because of a defect in
materials or workmanship, Panasonic Corporation of North
America (referred to as "the warrantor") will, for the length of
the period indicated on the chart below, which starts with the
date of original purchase ("warranty period"), at its option
either (a) repair your product with new or refurbished parts,
(b) replace it with a new or a refurbished equivalent value
product, or (c) refund your purchase price. The decision to
repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Headphones/ Earphones/Headset	1 year	Not Applicable
All included Accessories	90 days	Not Applicable

During the "Labor" warranty period there will be no charge
for labor. During the "Parts" warranty period, there will be no
charge for parts. This Limited Warranty excludes both parts
and labor for non-rechargeable batteries, antennas, and
cosmetic parts (cabinet). This warranty only applies to
products purchased and serviced in the United States. This
warranty is extended only to the original purchaser of a new
product which was not sold "as is".

Mail-In Service--Online Repair Request

Online Repair Request
To submit a new repair request and for quick repair status
visit our Web Site at
http://shop.panasonic.com/support

When shipping the unit, carefully pack, include all supplied
accessories listed in the Owner's Manual, and send it
prepaid, adequately insured and packed well in a carton
box. When shipping Lithium Ion batteries please visit our
Web Site at
http://shop.panasonic.com/support as Panasonic is
committed to providing the most up to date information.
Include a letter detailing the complaint, a return address and
provide a daytime phone number where you can be
reached. A valid registered receipt is required under the
Limited Warranty.

**IF REPAIR IS NEEDED DURING THE WARRANTY
PERIOD, THE PURCHASER WILL BE REQUIRED TO
FURNISH A SALES RECEIPT/PROOF OF PURCHASE
INDICATING DATE OF PURCHASE, AMOUNT PAID AND
PLACE OF PURCHASE. CUSTOMER WILL BE
CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED
WITHOUT SUCH PROOF OF PURCHASE.**

Limited Warranty Limits and Exclusions
This warranty ONLY COVERS failures due to defects in
materials or workmanship, and DOES NOT COVER normal
wear and tear or cosmetic damage. The warranty ALSO
DOES NOT COVER damages which occurred in shipment,
or failures which are caused by products not supplied by the
warrantor, or failures which result from accidents, misuse,
abuse, neglect, mishandling, misapplication, alteration,
faulty installation, set-up adjustments, misadjustment of
consumer controls, improper maintenance, power line
surge, lightning damage, modification, introduction of sand,
humidity or liquids, commercial use such as hotel, office,
restaurant, or other business or rental use of the product, or
service by anyone other than a Factory Service Center or
other Authorized Servicer, or damage that is attributable to
acts of God.

**THERE ARE NO EXPRESS WARRANTIES EXCEPT AS
LISTED UNDER "LIMITED WARRANTY COVERAGE".
THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL
OR CONSEQUENTIAL DAMAGES RESULTING FROM
THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY
BREACH OF THIS WARRANTY.**
(As examples, this excludes damages for lost time, travel to
and from the servicer, loss of or damage to media or
images, data or other memory or recorded content. The
items listed are not exclusive, but for illustration only.)
**ALL EXPRESS AND IMPLIED WARRANTIES,
INCLUDING THE WARRANTY OF MERCHANTABILITY,
ARE LIMITED TO THE PERIOD OF THE LIMITED
WARRANTY.**
Some states do not allow the exclusion or limitation of
incidental or consequential damages, or limitations on how
long an implied warranty lasts, so the exclusions may not
apply to you.
This warranty gives you specific legal rights and you may
also have other rights which vary from state to state. If a
problem with this product develops during or after the
warranty period, you may contact your dealer or Service
Center. If the problem is not handled to your satisfaction,
then write to:

Consumer Affairs Department
Panasonic Corporation of North America
661 Independence Pkwy
Chesapeake, VA 23320

**PARTS AND SERVICE, WHICH ARE NOT COVERED BY
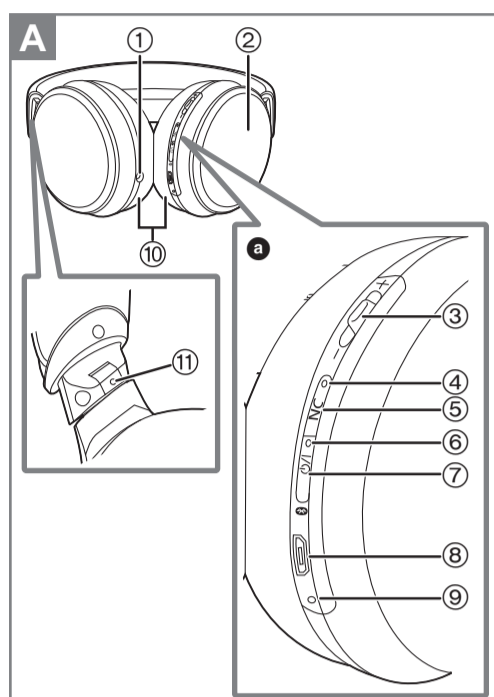THIS LIMITED WARRANTY, ARE YOUR
RESPONSIBILITY.**

Shop Accessories!
for all your Panasonic gear
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http://shop.panasonic.com/support

Get everything you need to get the most out of
your Panasonic products
Accessories & Parts for your Camera, Phone, A/V
products, TV, Computers & Networking, Personal
Care, Home Appliances, Headphones, Batteries,
Backup Chargers & more...

Customer Services Directory
For Product Information, Operating Assistance,
Parts, Owner's Manuals, Dealer and Service info
go to http://shop.panasonic.com/support

For the hearing or speech impaired TTY: 1- 877-833-8855

As of April 2017

A Part names

◯R Right (R) side
① Audio input terminal
② Ambient sound enhancer sensor panel
③ [Multiple functions button]   ④ Noise-canceling LED
⑤ [NC] button   ⑥ Power/pairing LED
⑦ [⏻/Ι (❋)] button*   ⑧ Charging terminal (DC IN)
⑨ Microphone   ⑩ Ear pad
⑪ Raised dot indicating the left side
* ⏻/Ι: Standby/ON

B Charging

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

Connect this unit to a computer (◯a) using the USB charging cord (supplied) (◯b).
• The power/pairing LED (◯) lights in red when charging is in progress. When charging is completed, the power/pairing LED will go out.
• Charging will take approximately 4 hours from empty state to fully charged.
• The power cannot be turned on while charging.
• Do not use any other USB charging cords except the supplied one.
• When the battery starts running low, the blinking power/pairing LED will turn from blue to red. A beep will sound every 1 minute. When the battery runs out, the power will turn off.

C Turning the power on/off

Press and hold [⏻/Ι (❋)] (◯) of this unit for approx. 3 seconds until the power/pairing LED (blue) (◯) blinks.
• A guidance message will be heard, and the power/pairing LED (blue) will blink slowly.

To turn the power off
Press and hold [⏻/Ι (❋)] for approximately 3 seconds. A guidance message will be heard, and the power will be turned off.
• If the unit is not connected to a Bluetooth® device, a guidance message will be heard and turn off the unit automatically approximately 5 minutes after you have stopped using it. (Auto power off) (Except for when noise-cancelling is turned ON.)
• Auto power off does not work when the detachable cord (supplied) is connected.

D Connecting a Bluetooth® device

■ **Bluetooth® pairing**
1 **In the power-off state, press and hold [⏻/Ι (❋)] of this unit until the power/pairing LED blinks in blue and red alternately.**
2 **Select "RP-HD605N" (◯) from the Bluetooth® device's menu.**
   • If prompted for a passkey, input the passkey "0000 (four zeros)" of this unit.
   • When the power/pairing LED (blue) blinks twice every approx. 2 seconds, pairing (registration) is completed. (Connection established)

■ **Connecting a paired Bluetooth® device**
1 **Turn on this unit.**
2 **Perform steps 2 of "Bluetooth® pairing". (→ above)**
   • When the power/pairing LED (blue) blinks twice every approx. 2 seconds, pairing (registration) is completed. (Connection established)

E Using the headphones

When using the functions below that are indicated with the [❋] mark, connect the Bluetooth® device and the unit.

■ **Listening to music [❋]**
Select and play the music on the Bluetooth® device.
• The selected music is output to the speakers of the unit.

■ **Remote controlling (Available only if your Bluetooth® device supports "AVRCP")**
(Operation example of [Multiple functions button] (◯))

Play / Pause:	Press [Multiple functions button].
Increase the volume:	Slide the [Multiple functions button] towards "+". • Sliding and holding towards "+" allows you to continuously raise the volume.
Decrease the volume:	Slide the [Multiple functions button] towards "-". • Sliding and holding towards "-" allows you to continuously lower the volume.
Forward to the start of next track:	Press [Multiple functions button] twice quickly.
Return to the start of current track:	Press [Multiple functions button] third quickly.
Fast forward:	Press the [Multiple functions button] twice quickly; hold the second press.
Fast rewind:	Press the [Multiple functions button] three times quickly; hold the third press.

■ **Making a phone call [❋]**
1 **Press [Multiple functions button] (◯) on the unit and answer the incoming call.**
2 **Start talking.**
3 **Press [Multiple functions button] to end the phone call.**
• (HFP only) **Reject a call / Change the call device:** Press [Multiple functions button] twice quickly.
• You can have the Bluetooth® enabled phone make phone calls by using the microphone of the unit and an app of the Bluetooth® enabled phone.
   (→ right, "Activating a voice functions")

■ **Using noise-canceling**
Press the [NC] button to adjust the volume of the playback device.
• The unit switches between three modes, A, B, and C, each time you press the [NC] button.
• When noise-canceling is set to ON, the noise-canceling LED lights in green.

To switch between ON and OFF:
Press and hold [NC] button for at least 5 seconds.

■ **Using the ambient sound enhancer**
Place your hand over the ambient sound enhancer sensor panel (R side) so that its entire surface is covered. (◯)
• Noise-canceling will turn OFF temporarily and the volume of the playback sound will be lowered.

To switch between enabled and disabled:
Slide and hold the [Multiple functions button] (◯) towards "+" and at the same time press and hold [NC] for at least 5 seconds.

To set the ambient sound enhancer function to always-on mode:
Press [NC] button twice quickly.
• To deactivate always-on mode, press the [NC] button or place your hand over the ambient sound enhancer sensor panel (R side) so that its entire surface is covered.

■ **Activating a voice functions [❋]**
Press and hold [Multiple functions button] (◯) of this unit for approx. 3 seconds.

■ **Making a multi-point connection [❋]**
1 **Register the unit to both the first Bluetooth® device and the second Bluetooth® device.**
2 **Connect the first Bluetooth® device, which will be used for music playback, and the unit.**
3 **Connect the second Bluetooth® device, which will be used for calls, and the unit.**

■ **Using the detachable cord (supplied)**
While the unit is turned off, it can be used as normal headphones by connecting the detachable cord (supplied). (◯)
• If you connect the detachable cord (supplied) when connected via Bluetooth®, the Bluetooth® connection will be lost. (The unit turns off.)
• The [Multiple functions button] does not work even while the unit is turned on.

■ **Connecting to an airplane audio system**
1 **Connect the unit and the detachable cord (supplied). (◯)**
2 **Connect the input plug (◯) of the detachable cord (supplied) to the airplane adapter (supplied). (◯)**
3 **Connect the airplane adapter to the in-flight audio system. (◯)**

■ **Restoring to the factory settings**
1 **While the unit is turned off, press and hold [⏻/Ι (❋)] for at least 5 seconds until the power/pairing LED starts blinking alternately in blue and red.**
2 **While the power/pairing LED is blinking alternately in blue and red, slide and hold the [Multiple functions button] towards "+" and at the same time press and hold [⏻/Ι (❋)] for at least 5 seconds.**
   • The default settings will be restored after the power/pairing LED (blue) blinks fast and the unit turns off.

F To remove the battery when disposing of this unit

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.

1 **Remove the left ear pad.**
2 **Remove the 4 screws**
3 **Remove the part ◯a in step 2.**
4 **Remove the battery, and cut off the wires one by one with scissors.**

Troubleshooting

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to "Customer Services Directory" on the front page if you reside in the U.S.A.

The unit does not respond.
• This unit can be reset when all operations are rejected. To reset the unit, connect the unit to a computer using the USB charging cord. (The pairing device information will not be deleted.)

Cannot charge the unit. /The power/pairing LED blinks during charging.
• 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 300.)

The power/pairing LED does not light during charging. / Charging takes longer.
• Is the USB charging cord connected firmly to the USB terminal of the computer? (→ [B])
• Make sure to charge in a room temperature between 10 °C and 35 °C (50 °F and 95 °F).

The power does not turn on.
• Is the unit being charged? The power cannot be turned ON during charging. (→ [B])

The device cannot be connected.
• Delete the pairing information for this unit from the Bluetooth® device, then pair them again. (→ [D])

No sound.
• Make sure that the unit and the Bluetooth® device are connected correctly. (→ [D])
• 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. (→ [D])
• Check if the Bluetooth® compatible device supports "A2DP" profile. For details on profiles, see "Listening to music" in "Owner's Manual (PDF format)". Also refer to the operating manual for the Bluetooth® compatible device.

Low volume.
• The ambient sound enhancer function is operating.
• Increase the volume of the unit. (→ [E])
• 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 (33 feet) 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. (→ [B])
• If the unit and the Bluetooth® device are connected via LDAC, the problem may be solved by changing the sound quality mode on the Bluetooth® device to give priority to connection. For details, refer to the operating instructions for the Bluetooth® device.

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. (→ [D])
• 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. (→ [D])
• 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" and "Making a phone call" in "Owner's Manual (PDF format)". Also refer to the operating manual for the Bluetooth® enabled phone.

Specifications

■ **General**

Power supply	DC 5 V, 500 mA (Internal battery: 3.7 V (Li-polymer 800 mAh))
Operating time*1 (SBC)	Approx. 20 hours
Charging time*2 (25 °C (77 °F))	Approx. 4 hours
Charging temperature range	10 °C to 35 °C (50 °F to 95 °F)
Operating temperature range	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity range	35%RH to 80%RH (no condensation)
Mass (Weight)	Approx. 268 g (X.X oz)

■ **Bluetooth® section**

Frequency band	2402 MHz to 2480 MHz
Supported profiles	A2DP, AVRCP, HSP, HFP
Supported codec	SBC, Qualcomm® aptX™, Qualcomm® aptX™ HD, LDAC™

*1 It may be shorter depending on the operating conditions.
*2 Time taken to recharge from empty to full.