

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

IMPORTANT SAFETY INSTRUCTIONS

- Read this Owner's Manual carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep this Owner's Manual handy for future reference.
1. Do not use the apparatus if the power cord is damaged, frayed, or the power cord is plugged into an outlet that is not where they exit from the apparatus.
 2. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 3. Unplug this apparatus during lightning storms or when unused for long periods of time.
 4. 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, objects have been pushed into the apparatus, or has been dropped.
 5. Clean only with dry cloth.

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

FCC
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 properly, it 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:

- 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.

FCC Caution:
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.

Supplier's Declaration of Conformity [EAAH-A290] [EAAH-A290M2]
Trade Name: Technics Trade Name: Technics
Model No.: EAH-A290 Model No.: EAH-A290M2
Responsible Party: Technics America, Inc.
Two River Court Plaza, Newark, NJ 07102-5100
Support Contact: <http://shop.panasonic.com/support>

THE FOLLOWING APPLIES ONLY IN CANADA.
CAN ICES-003(B)/NMB-003(B) [EAAH-A290] [EAAH-A290M2]
CAN ICES-001(B)/NMB-001(B)

The serial number of this product can be found on the bottom of the charging cradle. Please note them in the space provided below and keep for future reference.

MODEL NUMBER _____
SERIAL NUMBER _____

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

⚠ WARNING

Unit

- Do not use, store, or leave in places with high humidity, dust, smoke, steam, or in places with high temperature.
- Do not use the product in places with lightning, electric shock, overheating, or ignition.
- Do not expose this unit to rain, moisture, fire, or other high temperature.
- Never insert the charging cradle or USB charging cable when they are wet. (Causes fire, electric shock, heat generation, or ignition)

- When charging with the wireless charging pad, remove the parts such as covers attached to the charging case. Depending on the material or thickness of the cover, or due to foreign objects caught between the charging case and the cover, charging may not be performed properly. (Causes fire, burns, or injuries)
- The unit is not guaranteed to charge with all commercially available Qi standard wireless chargers.
- This unit does not support wireless chargers that are not Qi standard certified or have magnetic attachments. Do not use these chargers to charge the charging cradle. (It may cause the charging cradle to malfunction.)

Built-in battery

- Do not heat or expose to flame.
- Do not leave the unit in a car exposed to direct sunlight for a long period of time with doors and windows closed.

⚠CAUTION

Unit

- Do not place this unit near a heat source.
- 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.
- Keep the unit away from something susceptible to the magnetism. Such devices as a dock may not operate correctly.

English

- Be aware that this unit (earphones) may get warm while charging or immediately after charging. Depending on your constitution and health status, putting the earphones on may trigger adverse reactions such as skin redness, itching, and rash if the earphones have just been taken out of the charging cradle and are still warm.

Earphones/Earpieces

- Keep the earphones and the earpieces out of reach of children and pets to prevent swallowing. After use, put them in the charging cradle and close the lid for storage.
- Securely attach the earpieces. If they are left in the ears after coming off, injury or sickness may be caused.

Allergies


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

Precautions for listening with the Earphones

- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Do not use your earphones 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 motorized 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.

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

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

Specifications

General

	EAH-AZ60	EAH-AZ60M2	EAH-AZ40M2
Power supply (Charging cradle)	DC 5 V, 500 mA (USB)		
Built-in Battery	Earphones: 3.7 V, Lithium polymer 85 mAh Charging cradle: 3.7 V, Lithium polymer 720 mAh	Earphones: 3.7 V, Lithium polymer 85 mAh Charging cradle: 3.7 V, Lithium polymer 600 mAh	Earphones: 3.7 V, Lithium polymer 55 mAh Charging cradle: 3.7 V, Lithium polymer 450 mAh

	EAH-AZ80	EAH-AZ60M2	EAH-AZ40M2
Operating time ^{1, 2} (Earphones)	Approx. 7.0 hours (AAC) Approx. 6.5 hours (SBC) Approx. 4.5 hours (LDAC)	Approx. 7.0 hours (AAC) Approx. 6.5 hours (SBC) Approx. 4.5 hours (LDAC)	Approx. 5.5 hours (AAC) Approx. 5.0 hours (SBC) Approx. 3.5 hours (LDAC)
Operating time ^{1, 2} (Earphones + Charging cradle)	Approx. 24 hours (AAC) Approx. 23 hours (SBC) Approx. 18 hours (LDAC)	Approx. 24 hours (AAC) Approx. 23 hours (SBC) Approx. 18 hours (LDAC)	Approx. 18 hours (AAC) Approx. 17 hours (SBC) Approx. 12 hours (LDAC)
Charging time ³ (25 °C (77 °F))	Earphones: Approx. 2.0 hours Charging cradle/USB: Approx. 2.5 hours Earphones + Charging cradle/USB: Approx. 3.0 hours	Earphones: Approx. 2.0 hours Charging cradle/USB: Approx. 2.5 hours Earphones + Charging cradle/USB: Approx. 3.0 hours	Earphones: Approx. 2.0 hours Charging cradle/USB: Approx. 2.5 hours Earphones + Charging cradle/USB: Approx. 3.0 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)		

	EAH-AZ80	EAH-AZ60M2	EAH-AZ40M2
Operating humidity range	35 %RH to 80 %RH (no condensation)		
Charging terminal	USB Type-C Shape		
Water resistant	IP54 equivalent (Earphones only)		
Mass (Weight)	Earphone: Approx. 7 g (0.25 oz) (one side only; L and R are the same) Charging cradle: Approx. 35 g (1.2 oz)	Earphone: Approx. 7 g (0.25 oz) (one side only; L and R are the same) Charging cradle: Approx. 45 g (1.6 oz)	Earphone: Approx. 5 g (0.18 oz) (one side only; L and R are the same) Charging cradle: Approx. 35 g (1.2 oz)

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

*2: Measured with "Noise cancelling" set to "ON".

*3: The time required to charge the batteries from empty to full.

• Specifications are subject to change without notice.

Bluetooth® section

EAH-AZ80	EAH-AZ60M2	EAH-AZ40M2
Frequency band	2402 MHz to 2480 MHz	
Supported profiles	A2DP, AVRCP, HSP, HFP	
Supported codec	SBC, AAC, LDAC	

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<https://panasonic.jp/support/global/cs/faq/opensource.html>

- This unit complies with the "High Resolution Audio" standard of the Japan Audio Association.
- To enjoy wireless high-resolution quality (sound quality certified by the high-resolution wireless logo), use a playback device with the high-resolution wireless logo and set the Bluetooth® sound quality setting to sound quality priority mode / LDAC 990 kbps.
- In modes other than the above (connection priority mode, etc.), playback may not be possible with high resolution quality.

About Bluetooth®

Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.

Declaration of Conformity (DoC)

Hereby, Panasonic Entertainment & Communication Co., Ltd. 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 AE products from our DoC server: <https://www.ptc.panasonic.eu/compliance-documents>

For more information, please contact the following address:
 Panasonic Testing Centre, Wiedersberg 15, 22525 Hamburg, Germany

Type of wireless	Frequency band	Maximum power (dBm e.i.r.p)
Bluetooth®	2.402 - 2.480 MHz	6 dBm

Declaration of Conformity for Radio Equipment in UK

Panasonic Entertainment & Communication Co., Ltd. declares that the radio equipment type (Model Numbers are referred in the Operating Instructions) is in compliance with The Radio Equipment Regulations SI 2017 No.1206.

For more information, please contact the following internet address:

<https://www.ptc.panasonic.eu/compliance-documents>

Contact in the UK: Panasonic Testing Centre on behalf of Panasonic UK

a branch of Panasonic Marketing Europe GmbH (Importer),

Maxx 2, Western Road, Bracknell, Berkshire, RG12 1RT

When disposing of the product

The built-in batteries are a valuable, recyclable resource. When disposing of this unit, rather than disposing of in general waste (non-combustible garbage), follow the local national laws and take to the appropriate collection point. Contact your local government organization if you are unsure of your local collection point. Refer to the following links in this document for information about the batteries.

- To dispose of your product, please recycle in accordance with local environmental regulations. For further recycling information please visit <https://shop.panasonic.com/recycle>.



Only for European Union and countries with recycling systems. These symbols indicate separate collection of waste electrical and electronic equipment or waste batteries.



More detailed information is contained in "Owner's Manual (HTML format)".