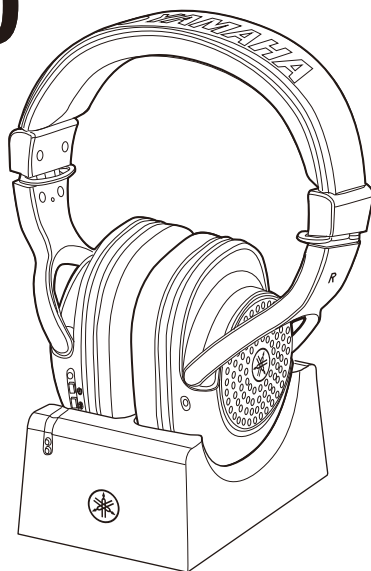




ワイヤレスヘッドホン  
Wireless Headphones  
CASQUE D'ÉCOUTE SANS FIL  
БЕСПРОВОДНЫЕ НАУШНИКИ  
无线耳机  
無線耳機

# YH-WL500

取扱説明書  
Owner's Manual  
Benutzerhandbuch  
Mode d'emploi  
Manuale di istruzioni  
Gebruikershandleiding  
Manual de instrucciones  
Manual do Proprietário  
Руководство пользователя  
使用说明书  
使用説明書  
사용설명서



「安全上のご注意」（3ページ）を必ずお読みください。  
Make sure to read the "PRECAUTIONS" on page 4.  
Lesen Sie unbedingt die „VORSICHTSMASSNAHMEN“ auf Seite 4.  
Assurez-vous de lire "PRÉCAUTIONS D'USAGE" à la page 4.  
Assicurarsi di leggere le "PRECAUZIONI" a pagina 4.  
Lees de "VOORZICHTIG" op pagina 4.  
Asegúrese de leer "PRECAUCIONES" en la página 4.  
Certifique-se de ler "PRECAUÇÕES" na página 4.  
Обязательно прочтите разделы «ПРАВИЛА ТЕХНИКИ БЕЗОПАСНОСТИ» на стр. 4.  
务请阅读第4页“注意事项”。  
請務必詳閱第4頁的「注意事項」。  
4 페이지의 “안전 주의사항” 을 반드시 읽어 주십시오.

日本語

English

Deutsch

Français

Italiano

Nederlands

Español

Português

Русский

简体中文

繁體中文

한국어

JA

EN

DE

FR

IT

NL

ES

PT

RU

ZH-CN

ZH-TW

KO

# FCC INFORMATION (U.S.A.)

## 1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

**2. IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

**3. NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other elec-

tronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON"; please try to eliminate the problem by using one of the following measures:

- Relocate either this product or the device that is being affected by the interference.
- Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.
- In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you cannot locate the appropriate retailer, please contact Yamaha Corporation of America, 6600 Orangethorpe Ave., Buena Park, CA90620, USA.

The above statements apply **ONLY** to those products distributed by Yamaha Corporation of America or its subsidiaries.

(529-M04 FCC class B YCA 01)

## COMPLIANCE INFORMATION STATEMENT (Supplier's declaration of conformity procedure)

Responsible Party : Yamaha Corporation of America  
Address : 6600 Orangethorpe Ave. Buena  
Park Calif. 90620  
Telephone : 714-522-9011  
Type of Equipment : Wireless Headphones  
Model Name : YH-WL500

This device complies with Part 15 of the FCC Rules.

Operation is subject to two following 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.

(529-M02 FCC sdoc YCA 01)

## IMPORTANT

Please record the serial number of this unit in the space below.

**Model**

---

**Serial No.**

---

This serial number is located on the bottom or rear of the unit.

Retain this Owner's Manual in a safe place for future reference.

This applies only to products distributed by  
YAMAHA CORPORATION OF AMERICA.

(Ser.No)



**Explanation of Graphical Symbols**



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

---

## IMPORTANT SAFETY INSTRUCTIONS

---

- 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.



**WARNING**

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

(502-M01 UL 60065-1 en 01)

# PRECAUTIONS

## PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe and handy place for future reference.



## WARNING

**Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:**

### Power supply

- Do not place the USB cable near heat sources such as heaters or radiators. Also, do not excessively bend or otherwise damage the cord, or place heavy objects on it.
- Do not touch the product or the power plug during an electrical storm.
- Use only the correct voltage specified for the product. The required voltage is printed on the name plate of the product.
- Use the specified USB AC adaptor (page 20).
- Use only the supplied USB cable/plug. Do not use the USB cable/plug for other products.
- Check the power plug periodically and remove any dirt or dust which may have accumulated on it.
- Insert the power plug firmly all the way into the AC outlet. Using the product when it is not plugged in sufficiently can cause dust to accumulate on the plug, possibly resulting in fire or skin burns.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, as long as the USB cable is not unplugged from the wall AC outlet, the product will not be disconnected from the power source.
- Do not connect the product to an electrical outlet using a multi-plug outlet extender. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- When disconnecting the power plug, always hold the plug itself and not the cord. Pulling by the cord can damage it and cause electric shocks or a fire.

- If not using the product for long periods of time, be sure to pull the power plug from the AC outlet.

### Do not disassemble

- This product contains no user-serviceable parts. Do not attempt to disassemble the internal parts or modify them in any way.

### Water warning

- Do not expose the product to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings or places where water may drop. A liquid such as water getting into the product may cause a fire, electric shocks, or malfunctions.
- Use the USB AC adaptor indoors only. Do not use in any wet environments.
- Never insert or remove a power plug with wet hands.

### Fire warning

- Do not place any burning items or open flames near the product, since they may cause a fire.

### Wireless unit

- Radio waves from this product may affect electro-medical devices, such as a heart pacemaker implant or defibrillator implant.
  - Do not use the product near medical devices or inside medical facilities. Radio waves from this product may affect electro-medical devices.
  - Do not use the product within 15 cm (6 in.) of persons with a heart pacemaker implant or a defibrillator implant.

## **(Lithium ion) battery**

- Do not disassemble this product. Failure to do so might result in battery fluid leakage. If the contents of the battery get on your hands or in your eyes, it can cause blindness, chemical burns, and damage to the product.
- Do not dispose of this product in fire. Doing so may result in the battery bursting, causing a fire or injury.
- Do not expose this product to high temperatures, such as direct sunlight or a fire. Doing so may result in the battery bursting, causing a fire or injury.
- Do not subject this product to mechanical shock. It may result in damage caused by batteries, electric shock, or malfunction.
- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.
- Do not place this product in a place where the air pressure is extremely low.
- For details on charging the battery, be sure to read the battery manual and follow the instructions. Failure to do so may result in fire, overheating, explosion or malfunction.

## **If you notice any abnormality**

- If any of the following problems occur, immediately turn off the power switch and disconnect the power plug from the outlet. If you are using batteries, remove all batteries from the product.  
Finally have the device inspected by Yamaha service personnel.
  - The USB cable or plug becomes frayed or damaged.
  - Unusual smells or smoke are emitted.
  - Some object, or water has been dropped into the product.
  - There is a sudden loss of sound during use of the product.
  - Cracks or other visible damage appear on the product.



## CAUTION

**Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the product or other property. These precautions include, but are not limited to, the following:**

### Location

- Do not place the product in an unstable position or a location with excessive vibration, where it might accidentally fall over and cause injury.

### Connections

- Before connecting the product to other electronic components, turn off the power for all components. Also, before turning the power on or off for all components, set all volume levels to minimum.
- Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the product to set the desired listening level.

### Handling

- Do not rest your weight on, or place heavy objects on the product, and do not use excessive force on the buttons, switches or connectors.
- Keep small parts out of the reach of infants or small children who may accidentally swallow them.
- Do not use the product or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- If the headphones irritate your skin, stop use immediately.
- Remove the power plug from the AC outlet before cleaning the unit. Failure to observe this may cause electric shocks.
- Before moving the product, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.



### (Lithium ion) battery

- Charge only with a specified charger. Charging with an unspecified charger may cause leakage, overheating, explosion, or malfunction.
- Charge only within the specified charging temperature range. Charging at a temperature outside the range may cause leakage, overheating, explosion, or malfunction.

## Notices

### ■ Battery-related notes


This product contains a lithium-ion battery.



The lithium-ion battery contained in this product is a consumable item. To extend the life of the battery as long as possible, use caution regarding the following.

- If the product is not used for a long period of time, the charging time may get longer.
- When storing the product for a long time, charge the product around once every six months to avoid excessive discharge.
- When the battery fails to hold a charge or only has useful power for a very short time, the life of the battery is over.
- Lithium-ion batteries can be recycled. After usage, you may recycle the battery, but never attempt to remove it by yourself. Have the device inspected by qualified Yamaha service personnel. If there are no Yamaha service personnel in your area, dispose of it properly according to relevant environmental laws and disposal rules in your area.
- This product contains a battery that contains perchlorate material. Perchlorate Material - special handling may apply, See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).

### ■ Handling this product

- Depending on the condition of surrounding radio waves, the product may possibly malfunction.
- Always turn the power off when the product is not in use. Even when the [  ] (power key) switch is in standby status (power LED is off/ status is off), electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure you unplug the power cord from the wall AC outlet.

### ■ Maintenance

When cleaning the product, use a soft and dry (or slightly damp) cloth. Do not use paint thinners, solvents, alcohol, cleaning fluids, or chemical-impregnated wiping cloths.

**Yamaha cannot be held responsible for damage caused by improper use or modifications to the product.**

## Information

### ■ About the contents of this document

- This document is an owner's manual intended for the readers who will use this product.
- The illustrations and screens as shown in this document are for instructional purposes only.
- Software may be revised and updated without prior notice.

### ■ Trademarks

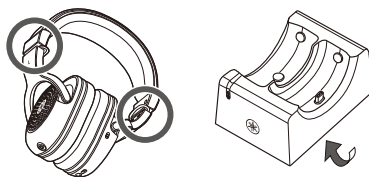


- The **Bluetooth**® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Yamaha Corporation is under license.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

The graphic below indicates the location of the name plate. The model number, serial number, power requirements, etc., are located on this plate. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft or loss.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_



(bottom\_en\_02)

# Table of Contents

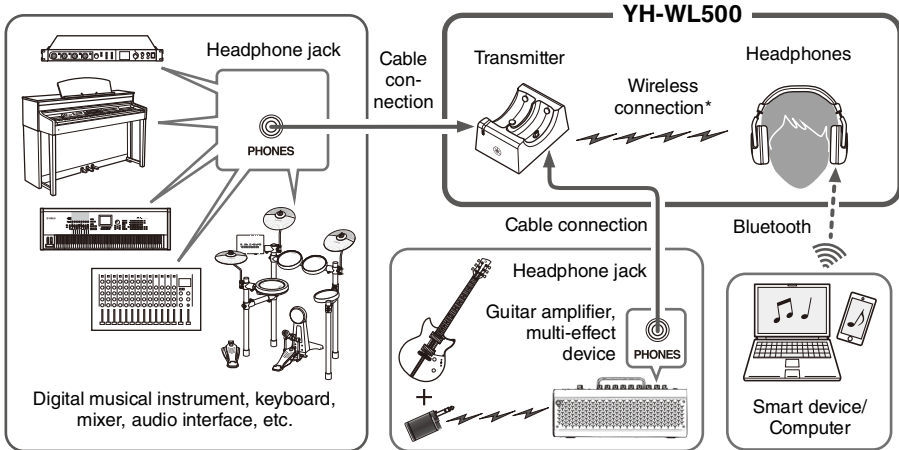
<b>PRECAUTIONS</b> .....	<b>4</b>
Notices .....	7
Information .....	7
<b>Product Overview</b> .....	<b>9</b>
Main Features .....	9
Packing Contents .....	9
Part Names .....	10
<b>Setting Up</b> .....	<b>11</b>
<b>Connecting the Transmitter to Other Devices by Cables</b> .....	<b>11</b>
When connecting to a digital musical instrument or audio interface .....	11
When connecting to a guitar amp .....	11
<b>Connecting the Power Adaptor</b> .....	<b>12</b>
<b>Charging the Headphones</b> .....	<b>12</b>
<b>Basic Operations</b> .....	<b>13</b>
Using the Headphones .....	13
Adjusting the Volume .....	13
Checking the Audio Input Status .....	13
Checking Remaining Battery Power .....	14
After Using the Headphones .....	14
Connecting by Cable .....	14
<b>Advanced Features</b> .....	<b>15</b>
<b>Using Simultaneously with Bluetooth Devices</b> .....	<b>15</b>
Registering a Bluetooth device .....	15
Connecting to a Bluetooth device .....	16
Disconnecting from a Bluetooth device .....	17
<b>Using Additional Headphones</b> .....	<b>17</b>
<b>Troubleshooting</b> .....	<b>18</b>
<b>Appendix</b> .....	<b>20</b>
Specifications .....	20
List of Operations .....	21
List of Audio Messages and LED Indicator .....	21
Audio messages .....	21
LED displays .....	22



# Product Overview

## Main Features

This product is a set of wireless headphones with a companion transmitter. The input jack of the transmitter can be connected to the headphone jack of a device (such as a digital keyboard, guitar amplifier, audio interface, etc.), enabling wireless connection of exceptionally low latency. Since this product can also be connected to a Bluetooth device, you can play your instrument simultaneously along with music playback from your Bluetooth device, such as a smartphone.



\* This is a dedicated connection using Yamaha's original 2.4 GHz transmitter and achieves exceptionally low delay. A transmission channel is automatically set up simply by removing the headphones from the transmitter.

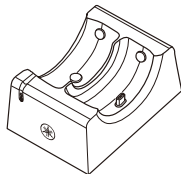
## Packing Contents

Make sure that all of the following are enclosed with this product.

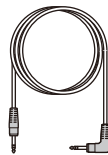
Headphones



Transmitter



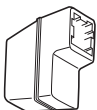
3.5 mm stereo mini plug cable (2 m)



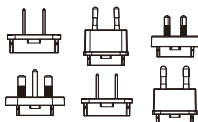
Audio conversion plug (stereo mini plug → standard stereo phone plug)



USB power adaptor



Attachment plugs × 6



\* Select the plug that corresponds to the shape of the AC outlet in your area.

USB cable (50 cm/type A → type C)

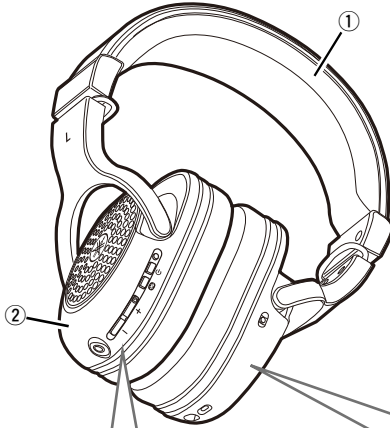


Owner's Manual (this document)



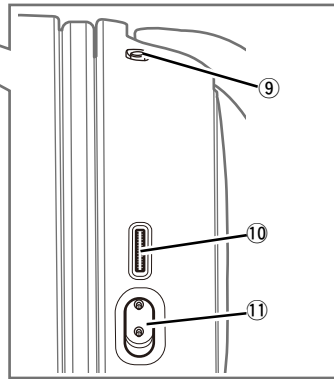
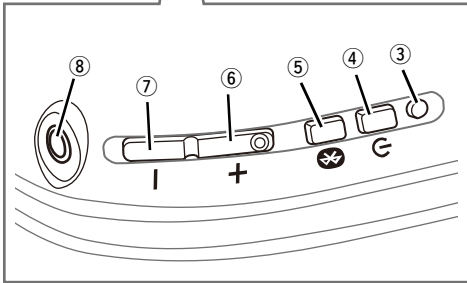
## Part Names

### Headphones

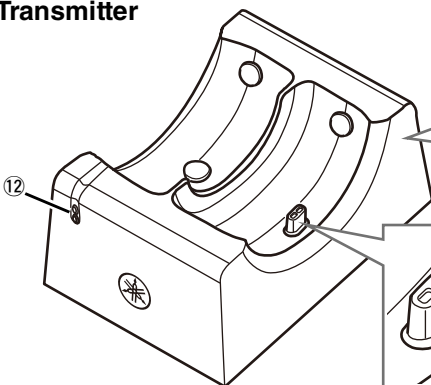


- ① Headband
- ② Housing
- ③ Power LED
- ④ Power key
- ⑤ Bluetooth key
- ⑥ + key
- ⑦ - key
- ⑧ Cable input jack
- ⑨ Charging LED
- ⑩ USB charging connector
- ⑪ Connector A

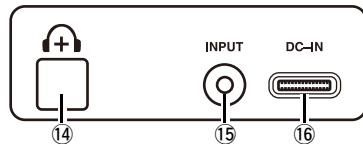
Connect to Connector B of the transmitter.



### Transmitter



#### Rear



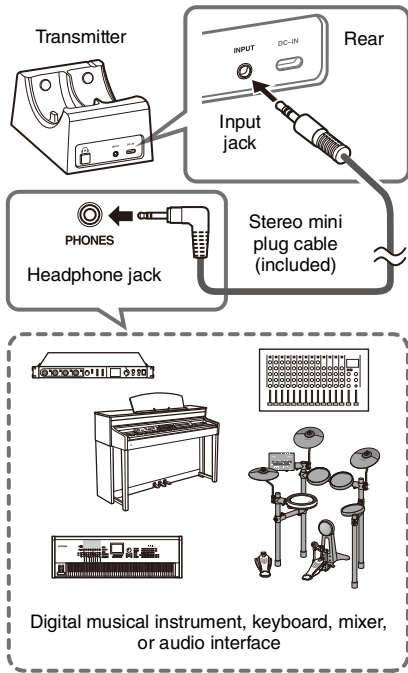
- ⑫ Status LED
- ⑬ Connector B
- ⑭ Additional headphones key
- ⑮ Input jack
- ⑯ DC IN

# Setting Up

## Connecting the Transmitter to Other Devices by Cables

Before using the headphones, connect the headphone jack of your particular device (digital musical instrument, guitar amp, or audio interface, etc.) to the transmitter's input jack (stereo mini jack), by using the stereo mini plug cable included with this product.

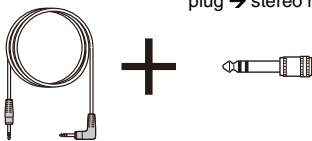
### When connecting to a digital musical instrument or audio interface



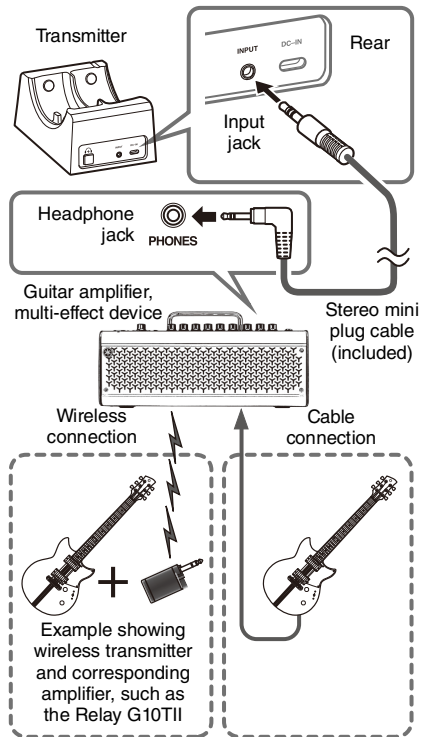
Use the attached audio conversion plug depending on the headphone jack of your particular device.

3.5 mm stereo mini plug cable

Audio conversion plug (standard stereo phone plug → stereo mini plug)



### When connecting to a guitar amp

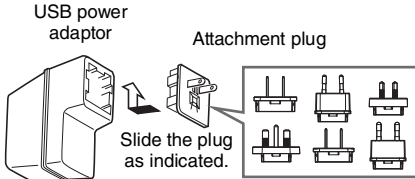


**NOTE**

- When using a commercial stereo mini plug cable for connection with the transmitter, make sure to use one having no (zero) resistance.

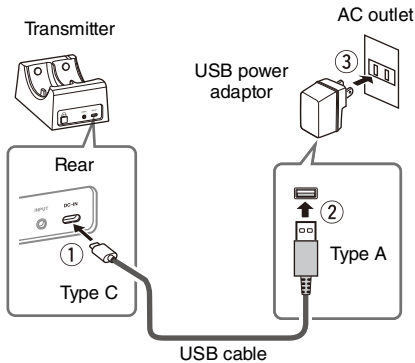
## Connecting the Power Adaptor

1. Attach the attachment plug that corresponds to the shape of the AC outlet in your area to the USB power adaptor.



For details, refer to the separate "Attachment Plug Converter Table" leaflet.

2. Connect the USB power adaptor in the order shown in the illustration.



### WARNING

- Be sure to use the attached USB power adaptor only.
- When using the USB power adaptor with a removable plug, make sure to keep the plug attached to the USB power adaptor. Using the plug alone can cause electric shock or fire.
- Never touch the inner metallic section when attaching the attachment plug to avoid electric shock, short circuit, or damage. Also, be careful that no dust accumulates between the USB power adaptor and plug.

#### NOTE

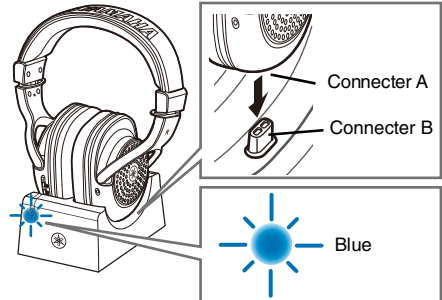
- To disconnect the USB power adaptor, follow steps 2 ① to ③ in reverse order.

## Charging the Headphones

Make sure to charge the headphones before using.

1. Set the headphones on the transmitter.

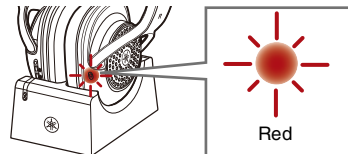
Make sure that connector A of the headphones fits securely on connector B of the transmitter.



If the headphones are set correctly, the status LED of the transmitter flashes in blue, and then lights continuously in blue.

When the status LED does not light up in blue, check whether connector B of the transmitter is correctly inserted in connector A of the headphones.

2. Make sure that the charging LED of the headphones is lit up in red.



The charging LED lights up in red during charging, and turns off when charging is completed.

The charging LED will not light up when the headphones are already fully charged.

Setup is now completed.

#### NOTE

- You may not be able to charge if you use a USB cable other than the one included with this product.
- You can also charge directly from the AC outlet by connecting the USB cable with a USB power adaptor instead of setting on the transmitter.
- During charging, no buttons can be used, and wireless connection is canceled.

# Basic Operations

## Using the Headphones

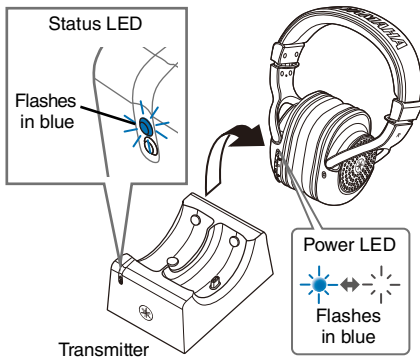
1. Turn on the power of your connected devices.

Also in this step, lower the volume of those devices.

2. Remove the fully charged headphones from the transmitter.

The status LED of the transmitter and the power LED of the headphones flash in blue and a wireless channel is set up automatically.

If successfully connected, you will hear a "Pairing Successful" audio message, and then the power LED lights continuously in blue.

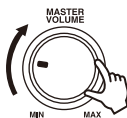


3. Put the headphones on.

Check the markings for the left and right sides to make sure the headphones are positioned correctly when you put them on.

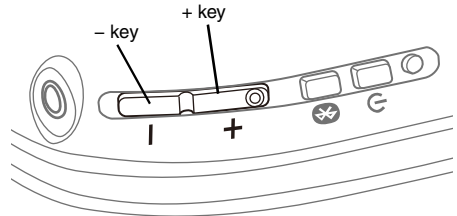


4. Adjust the volume of your device as desired.



## Adjusting the Volume

Follow the steps below to adjust the volume.



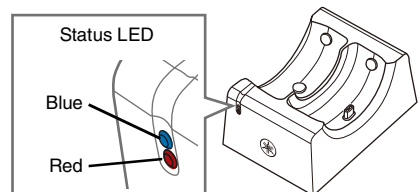
- Turning the volume up: Press the + key.
- Turning the volume down: Press the - key.
- Turning the volume up continuously: Hold down the + key.
- Turning the volume down continuously: Hold down the - key.

### NOTE

- When volume reaches the maximum, you will hear a "beep" sound.

## Checking the Audio Input Status

While using this product, you can check the status of the audio input from the status LED of the transmitter.



When the audio input is too high, the status LED lights up in red. Lower the volume of the connected device.

## Checking Remaining Battery Power

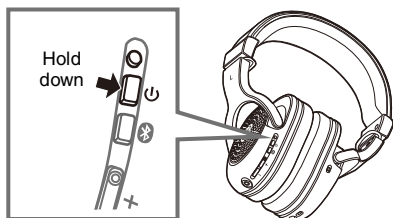
While you are using the headphones, you can check how much battery power is left from an audio message.

### ■ Audio message

- Battery Low: small amount of charge remaining

## After Using the Headphones

1. When you are finished using the headphones, make sure to turn the power off by holding down the power key.

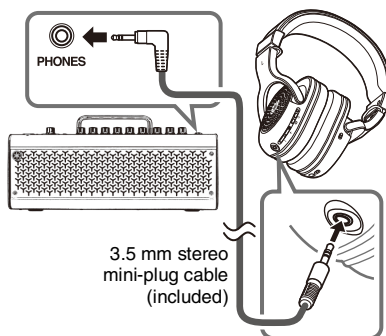


2. Charge the headphones by setting them on the transmitter (p.12).

## Connecting by Cable

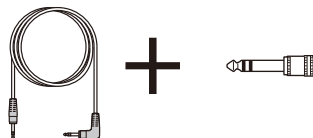
By connecting this product directly to a device by cable, you can use it conventionally without having to use the power supply.

1. Turn the power of this product off by holding down the power key.
2. Lower the volume of your equipment.
3. Connect the headphone jack of your equipment to the input jack of the headphones by using the 3.5 mm stereo mini-plug cable (included).



4. Adjust the volume of the connected device as desired.

Use the attached audio conversion plug according to the shape of the headphone jack of your equipment.



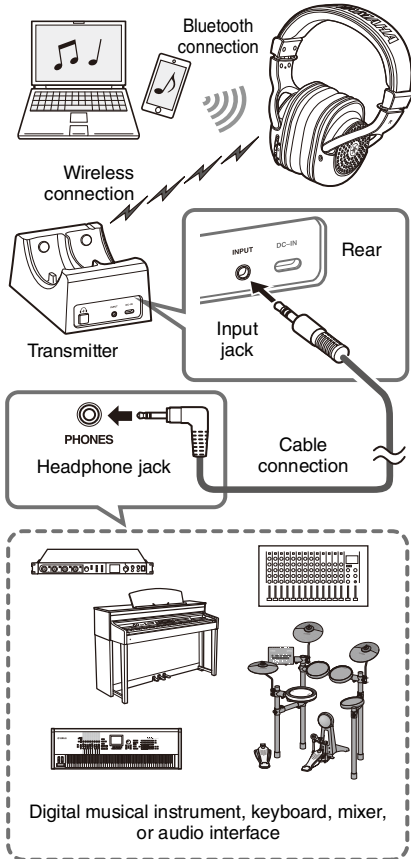
### NOTE

- The following functions are not available when connecting via cable.
  - Adjusting the volume by pressing the + key (or the - key)
  - Wireless connection
- When using this product with the cable connected, you cannot use it with the power turned on. Use the headphones after turning off the power by holding down the power key.

# Advanced Features

## Using Simultaneously with Bluetooth Devices

During wireless connection, you can also listen to music (for example, musical accompaniment) from a Bluetooth-compatible smart device or computer.



Start playback of the musical accompaniment from your smart device, after registering and connecting as a Bluetooth device (described at right). At that time, adjust the volume of the music from the smart device.

**NOTE**

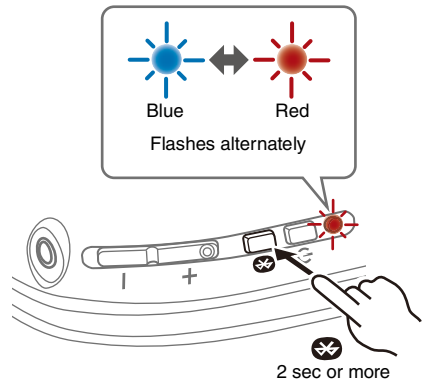
- The volume of the music from your smart device via Bluetooth connecting cannot be adjusted by pressing the + key (or the - key) of this product.

## Registering a Bluetooth device

When first connecting this product to a Bluetooth device, follow the steps below to register this product with that device.

### 1. Set this product to registration standby mode.

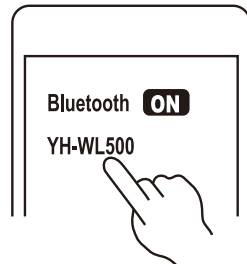
With the power turned on, hold down the Bluetooth key until the power LED flashes as shown in the illustration below. The headphones will enter registration standby mode.



### 2. Activate the Bluetooth function on the Bluetooth device.

A list of Bluetooth devices that can be connected will be shown.

### 3. Select this product from this list on your Bluetooth device.



If successfully connected, you will hear a "Connected" audio message.

### NOTE

- Registration standby mode will automatically end after about thirty seconds. To register again, start from step 1.
- Up to 8 devices can be registered with this product. From the 9th device on, older registrations will be deleted (the oldest is deleted first).
- If a passkey is required when connecting, input "0000."



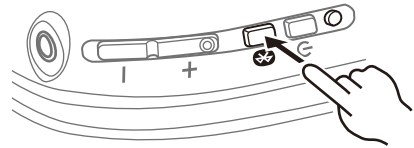
### CAUTION

- **Be sure to set the volume of the Bluetooth device to the minimum level and gradually raise the volume while playing the Bluetooth device to set the desired listening level.**  
Failure to do so can damage your hearing.

## Connecting to a Bluetooth device

**Connect this product to the Bluetooth device with which it has already been registered.**

When you press the Bluetooth key briefly, this product will search for all previously connected Bluetooth devices, sequentially from the latest connected one, and will connect it automatically.



If this product does not automatically connect to a Bluetooth device, it is waiting for connection. Make connection from the Bluetooth device itself to properly connect with this product.

When this product is not able to connect with the Bluetooth devices (a maximum of eight) connected in the past, the waiting for connection status is once reset. Briefly press the Bluetooth key again and redo connection from the beginning of these steps.

If successfully connected, you will hear a "Connected" audio message.

### NOTE

- This product connects to a single Bluetooth device, and cannot connect to multiple devices at the same time.
- When Bluetooth is disconnected for one minute in the following states, the power of the headphones is automatically turned off.
  - When no wireless communications are made for ten minutes
  - When there is no sound for thirty minutes at the time of wireless communicationsIf this occurs, press the power key again to turn on the power.
- The volume of the music from your smart device via Bluetooth connecting cannot be adjusted by pressing the + key (or the - key) of this product. Adjust the volume of the music directly from the smart device.



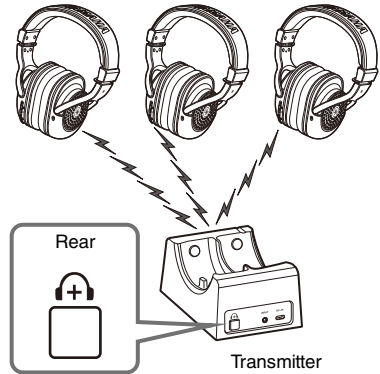
## Disconnecting from a Bluetooth device

Follow the steps below to disconnect a Bluetooth device.

- **Turn the Bluetooth device's power off.**  
This product enters a waiting-for-connection status (from a Bluetooth device).
- **Turn the power of this product off.**

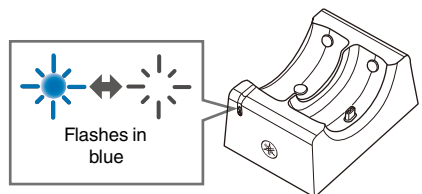
## Using Additional Headphones

You can add two or more headphones to a single transmitter, and they can simultaneously be used wirelessly.



1. **Press the additional headphones key of the transmitter.**

The status LED of the transmitter flashes in blue.



2. **Briefly press the power key on the headphones twice.**

The power LED of the headphones flashes in blue and this product starts pairing. The status LED will light up in blue when pairing is completed.

### NOTE

- Currently (as of December, 2022), headphones-only sales are not available.

# Troubleshooting

## Read this first

---

If this product does not operate normally while you are using it, first check the following.

- **Turn the power off and then on again.**
- **Make sure that this product has been sufficiently charged.**
  - “Charging the Headphones” (p.12)
- **Also, check the following.**
  - “Power will not turn on” (p.18)
  - “The product cannot be charged” (p.18)
  - “No sound can be heard” (p.18)
  - “The sound is distorted, noisy or choppy” (p.18)
  - “Cannot connect the headphones and the transmitter” (p.19)
  - “Cannot connect to a Bluetooth device” (p.19)
  - “The product does not operate or play back” (p.19)
  - “Problem still not resolved” (p.19)

## Power will not turn on

---

- **There may not be enough battery power left.**

Charge this product.

  - “Charging the Headphones” (p.12)

## The product cannot be charged

---

- **Your computer is not turned on (when charging from your computer).**

Turn the power of your computer on, and then charge this product.

\* Charging from a PC is not guaranteed.
- **You may have been using a USB cable other than the one included with this product.**

Use the included USB cable to make sure the product correctly charges.
- **Some foreign substance may have accumulated between connectors A and B.**

Check the connectors and make sure that no foreign substance has accumulated there.

## No sound can be heard

---

- **The headphones are not connected to the transmitter.**

Pair this product once again. Set the headphones on the transmitter once, and remove them after the status LED changes from flashing in blue to continuously lit in blue (pp. 12–13). Otherwise, press the additional headphones key of the transmitter, and then briefly press the power key of headphones twice (p.17).

- **This product is not connected to a Bluetooth device.**

Pair this product.

  - “Connecting to a Bluetooth device” (p.16)
- **The volume is too low.**

Raise the volume.

  - “Adjusting the Volume” (p.13)
- **The music stopped playing back.**

Start playback of the music from the connected Bluetooth device.

  - “Using Simultaneously with Bluetooth Devices” (p.15)
- **The cable may not be correctly connected (when using wireless connection).**

Connect the 3.5 mm stereo mini-plug cable jack of this product correctly to your external device.

  - “Connecting the Transmitter to Other Devices by Cables” (p.11)
- **The cable containing resistance is being used.**

Use the included 3.5 mm stereo mini-plug cable when connecting this product to a device by cable. If you are using a commercial stereo mini-plug cable, make sure to use one that has no (zero) resistance.
- **The volume of the external device is low when using wireless connection.**

Raise the volume on your external device.

  - “Using Simultaneously with Bluetooth Devices” (p.15)
- **The volume of the external device is low when connecting to a Bluetooth device.**

Raise the volume on your external device.

  - “Using Simultaneously with Bluetooth Devices” (p.15)
- **The volume of the external device is low when using a 3.5 mm stereo mini-plug cable.**

Raise the volume on your external device.

  - “Connecting by Cable” (p.14)

## The sound is distorted, noisy or choppy

---

- **The signal of wireless connection may not be coming in clearly, making the connection unstable.**

Pair this product once again. Set the headphones on the transmitter once, and remove them after the status LED changes from flashing in blue to continuously lit in blue (pp. 12–13).
- **The signal of Bluetooth connection may not be coming in clearly, making the connection unstable.**

Move away from wireless devices such as access points, or appliances that product electromagnetic waves such as microwave ovens.

Try placing the connected Bluetooth device as close to this product as you can.

Devices with wireless network connectivity may transmit signals that obstruct Bluetooth communications. In this case, turn off the wireless network connectivity feature on your Bluetooth device.

## The product does not operate or play back

- **This product may be charging.**

You cannot use this product while it is charging. Use the headphones after charging is finished.

- **There is no remaining battery power on this product.**

Charge this product.

- “Charging the Headphones” (p.12)

- **The product is temporarily not functioning.**

Turn the power off and then on again. When it becomes impossible to turn the power off by normal operation, hold down the power key for about six seconds or more in order to perform a hardware reset. When the power LED turns off, the reset operation is complete.

- **The 3.5 mm stereo mini-plug cable may be connected.**

No button operations are possible while using this product with cable connection. Remove the 3.5 mm stereo mini-plug cable from the headphones.

## Cannot connect the headphones and the transmitter

- **The headphones and the transmitter may be too far apart.**

Move the headphones closer to the transmitter.

- **A device that emits electromagnetic waves (such as a microwave oven, access point and so on) might be nearby.**

Do not use this product near other devices that emit electromagnetic waves.

- **The signal of wireless connection may not be coming in clearly**

Pair this product once again. Set the headphones on the transmitter once, and remove them after the status LED changes from flashing in blue to continuously lit in blue (pp. 12–13). Otherwise, press the additional headphones key of the transmitter, and then briefly press the power key of headphones twice (p.17).

## Cannot connect to a Bluetooth device

- **This product and your Bluetooth device may be too far apart.**

Move this product closer to the Bluetooth device.

- **A device that emits electromagnetic waves (such as a microwave oven, access point and so on) might be nearby.**

Do not use this product near other devices that emit electromagnetic waves.

- **The connection information for the registered Bluetooth device may not be working properly.**

Delete the connection information of this product from the Bluetooth device, and then pair this product with the device.

- “Registering a Bluetooth device” (p.15)

- **The registration information for the Bluetooth device that was registered on this product may have been deleted.**

Pair this product once more.

- “Registering a Bluetooth device” (p.15)

- **This product may already be connected to another Bluetooth device.**

Disconnect that Bluetooth device, and then connect this product with the new device.

- “Disconnecting from a Bluetooth device” (p.17)

## Problem still not resolved

If the trouble still cannot be solved, please contact Yamaha for product support as shown below.

- **For customers within Japan**

Please contact the store where you purchased this product, or the Product Support Center as listed in the included “warranty sheet.”

- **For customers outside of Japan**

Please contact your nearest authorized Yamaha dealer or service center.

# Appendix

## Specifications

### Headphones

**Driver type:** Dynamic, open air / over-ear  
**Driver unit:** 40 mm  
**Impedance:** 32 Ω  
**Wired input jack:** 3.5 φ stereo mini-jack  
**USB charging connector:** USB Type-C (USB 1.1)  
**Weight:** 315 g

#### ■ Bluetooth

**Radio frequency:** 2402 MHz to 2480 MHz  
**Maximum output power (EIRP):** 10 dBm  
**Bluetooth version:** 4.2  
**Supported profiles:** A2DP, AVRCP  
**Supported codecs:** SBC  
**Maximum number of pairable devices:** 8  
**SAR observed value:** 0.15 w/kg

### Transmitter

**Input jack:** 3.5 φ stereo mini-jack  
**DC IN:** USB Type-C (USB 1.1)  
**Weight:** 400 g  
**Maximum power Consumption:**  
2.55W (5.1 VDC × 500mA)

#### ■ Wireless communication functions

**Digital format:** Original format (equivalent to 24-bit)  
**Radio frequency (operational frequency):**  
2402 MHz to 2478 MHz  
**Maximum output power (EIRP):** 10 dBm  
**Maximum communication range:** 7 m in optimum conditions, though this may differ depending on the condition of surrounding radio waves.

### Power supply

#### ■ Rechargeable battery

**Internal rechargeable battery:** Lithium-ion battery  
**Charging time (to full capacity):**  
Approximately 3 hours  
**Charging temperature:** +5 to +40 °C  
**Operating Temperature:** 0 to +40 °C  
**Battery run time (continuous playback time):**  
Approximately 9 hours

#### ■ USB power adaptor

**Model number:** UNXBU3012-050020SA  
**Input:** 100 VAC to 240 VAC  
**Output:** 5.1 VDC/2A (USB-A)

\* The contents of this manual apply to the latest specifications as of the printing date.  
To obtain the latest manual, access the Yamaha website, and then download the manual file.

### Information for users on collection and disposal of old equipment:



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

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

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

#### For business users in the European Union:

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

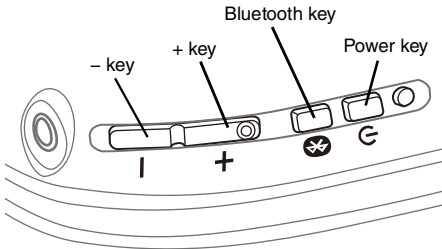
#### Information on Disposal in other Countries outside the European Union:

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

(58-M02 WEEE en 01)

## List of Operations

The main operations of this product are as shown below.



Power	
Power on	Power key
Power off	Power key (hold down for one second)
Volume	
Volume up	+ key
Volume down	- key
Volume up continuously	+ key (hold down)
Volume down continuously	- key (hold down)
Wireless communication	
Start pairing	Power key (twice)
Bluetooth	
Start registration	Bluetooth key (hold down)
Start connecting	Bluetooth key

## List of Audio Messages and LED Indicator

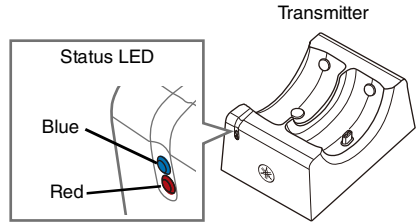
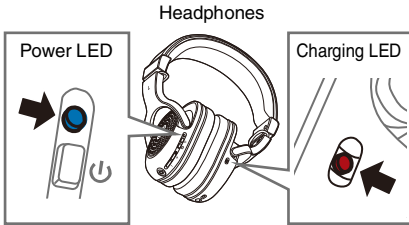
### Audio messages

The audio messages on this product are shown below.

Power	
Power Off	Power off
Battery	
Battery Low	Battery Low
Wireless communication	
Pairing Successful	Pairing Successful
	Finished connecting
Pairing Failed	Pairing unsuccessful
Bluetooth	
Connected	Finished connecting to Bluetooth device
	Finished connecting again
Disconnected	Disconnected from Bluetooth device
	Disconnected by the condition of surrounding radio waves

## LED displays

The LED displays on this product are shown below.



### ■ Power LED

Power		
Power on	Lights up (blue)	Blue
Power off	Lights off	
Wireless communication		
With no abnormalities	Lights up (blue)	Blue
Communication error	Flashes for one minute (red)	↔
Searching for paired Bluetooth device	Flashes (blue) for less than about 10 seconds	↔
Bluetooth		
Standby mode for pairing with Bluetooth device	Flashes (between red and blue alternately)	↔
Firmware update		
Updating	Flashes (between red and blue alternately)	↔

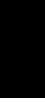
### ■ Charging LED

Battery		
Under charge	Lights up (red)	Red
Finished charging	Lights off	

### ■ Status LED

Power		
Power on	Lights up (blue)	Blue
Power off	Not lit	
Audio input		
An audio input is too large	Lights up (red)	Red
Wireless communication		
With no abnormalities	Lights up (blue)	Blue
Searching for RSSI frequency (when setting the headphones to transmitter)	Flashes (blue) → Lights up (blue)	↔  →
Searching for radio channels (when removing the headphones from transmitter)	Flashes for 20 seconds (blue)	↔
Standby mode for pairing with the headphones (when holding down the additional key)	Flashes for two minutes (blue)	↔
Firmware update		
Updating	Flashes (between red and blue alternately)	↔

# MEMO



# Software Licenses and Copyrights

This product incorporates the following third party software.

For information (copyright, etc.) about each software, please read the terms and conditions stated below. By using this product, you will be deemed to have accepted the terms and conditions.

## Zephyr

© Copyright Zephyr Project members and individual contributors.

## Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"**License**" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"**Licensor**" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"**Legal Entity**" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "**control**" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"**You**" (or "**Your**") shall mean an individual or Legal Entity exercising permissions granted by this License.

"**Source**" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"**Object**" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"**Work**" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).



**"Derivative Works"** shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

**"Contribution"** shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, **"submitted"** means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as **"Not a Contribution."**

**"Contributor"** shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

**2. Grant of Copyright License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

**3. Grant of Patent License.** Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

**4. Redistribution.** You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

1. You must give any other recipients of the Work or Derivative Works a copy of this License; and
2. You must cause any modified files to carry prominent notices stating that You changed the files; and
3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
4. If the Work includes a "**NOTICE**" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

**5. Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

**6. Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

**7. Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-

INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

**8. Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

**9. Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

## ■ For transmitter

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. For the Base, it should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

(554-M01 FCC Radiation Exposure statement –Base)

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. For the Base, it should be installed and operated with minimum distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

(554-M03 ISED Radiation Exposure statement –Base)

## ■ For headphones

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the head.

(554-M05 FCC SAR statement)

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the head.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur. Le dispositif portable est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développeur énergétique DURABLE. Ces exigences un SAR limite de 1,6 W/kg en moyenne pour un gramme de tissu. La valeur SAR la plus élevée signalée en vertu de cette norme lors de la certification de produit à utiliser lorsqu'il est correctement porté sur le tête.

(555-M06 IC SAR statement)

## ■ For transmitter and headphones

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(555-M13 ISED RSS 01)

## 雅马哈乐器音响（中国）投资有限公司

上海市静安区新闻路1818号云和大厦2楼

客户服务热线：4000517700

公司网址：<https://www.yamaha.com.cn>

制造商：雅马哈株式会社

制造商地址：日本静冈县滨松市中区中泽町10-1

厂名：深圳市冠旭电子股份有限公司

厂址：深圳市龙岗区坪地街道国际低碳城

台灣山葉音樂股份有限公司

YAMAHA MUSIC & ELECTRONICS TAIWAN CO., LTD.

<https://tw.yamaha.com>

總公司：(02) 7741-8888 新北市板橋區遠東路1號2樓

客服專線：0809-091388

原產國：中国

Yamaha Global Site  
<https://www.yamaha.com/>

Yamaha Downloads  
<https://download.yamaha.com/>

## YAMAHA CORPORATION

10-1 Nakazawa-cho, Naka-ku,  
Hamamatsu, 430-8650 Japan

## ヤマハ株式会社

〒430-8650 静岡県浜松市中区中沢町 10-1

© 2023 Yamaha Corporation

Published 03/2023 2023年3月 发行  
IPOE-A1

VGK0100