



Headphone Amplifier
Ampli pour casque
Amplificador de Audífonos

HA-L7A

English

Français

Español

EN Quick Guide

FR Guide rapide

ES Guía rápida

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■ About the manuals of this product

Three manuals are provided for users of this product, including the Safety Guide, Quick Guide and the User Guide. Be sure to read each of these manuals, and keep them together in a safe place for future reference.

Safety Guide (included with this product)

Explains the necessary “PRECAUTIONS” you must take when using this product.

Quick Guide (this guide)

Explains about the basic connections and operations required after you purchase this product. Refer to the User Guide for connections and operations not explained in this guide.

User Guide (Yamaha website)

Explains about all of this product’s functions and features. This also includes information on troubleshooting and firmware updates. User Guide is only available via our website. Access this content from the link below.

User Guide Online version



<https://manual.yamaha.com/av/22/hal7a/>

Note

- The explanations in this Guide are written according to the latest specifications as of the date of publication.
- You can download the latest version of each guide (PDF) from the website shown below.
<https://download.yamaha.com/>

Please Read First

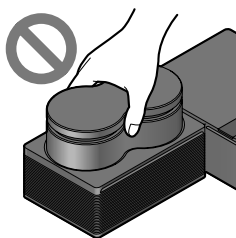
Thank you for purchasing this Yamaha product. The HA-L7A is a standalone headphone amplifier that lets you listen to the audio from devices that are connected to this unit via digital/analog connection, and can play back high-definition audio from a computer that's connected to this unit via USB. You can play back audio through headphones and through an external amp.



CAUTION

This content indicates risk of injury.

- To prevent hearing loss, observe the following points.
 - Do not listen at high volumes for an extended period of time.
 - When switching between audio input sources or output destinations, temporarily turn down the volume.
 - Do not make sudden changes in volume.
 - Do not turn this product on while you are wearing headphones.
- Do not move around or pick up the product while holding the transformer unit.



- You might drop the product, injuring yourself or causing a malfunction.
- Applying excessive force to this part may cause it to break.

Getting ready

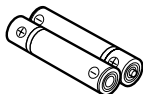
1 Checking the included items

The following items are included with this product. Make sure that everything is present.

☐ Remote control × 1



☐ Batteries
(AA, R6, UM-3) × 2



☐ Power cord × 1



☐ USB cable (Type-A to Type-B), 1.5 m × 1



NOTE

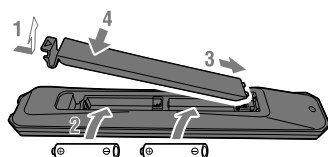
- There may be more than one power cord included with this product in certain regions. Use the cord that's appropriate for the power outlet where you will use it.

☐ Safety Guide × 1

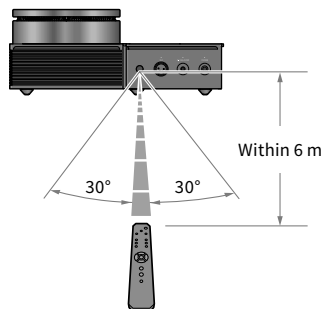
☐ Quick Guide × 1

■ Getting the remote control ready

Insert the included batteries into the remote control in the correct orientation (+/-).



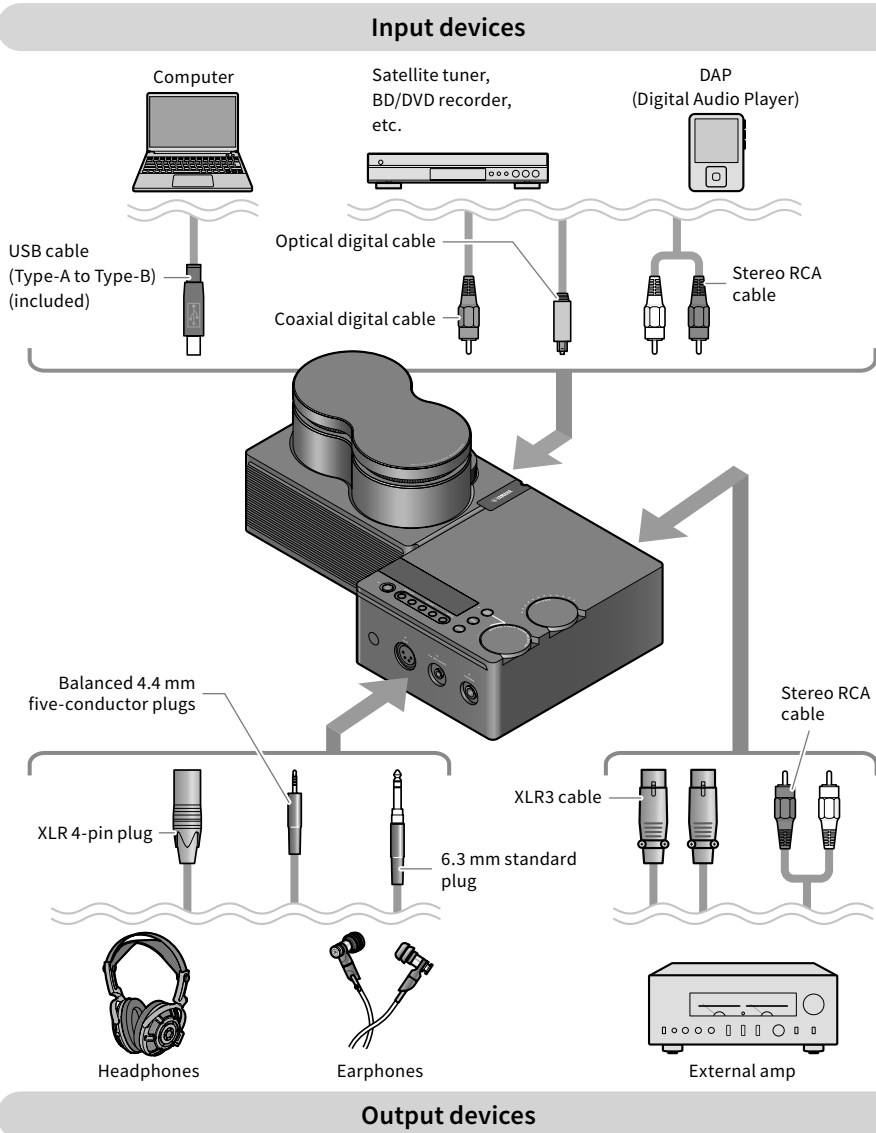
The remote control for this product transmits infrared signals, which operate within the range shown in the following illustration.



2 Connecting your devices

■ Sample connection diagram

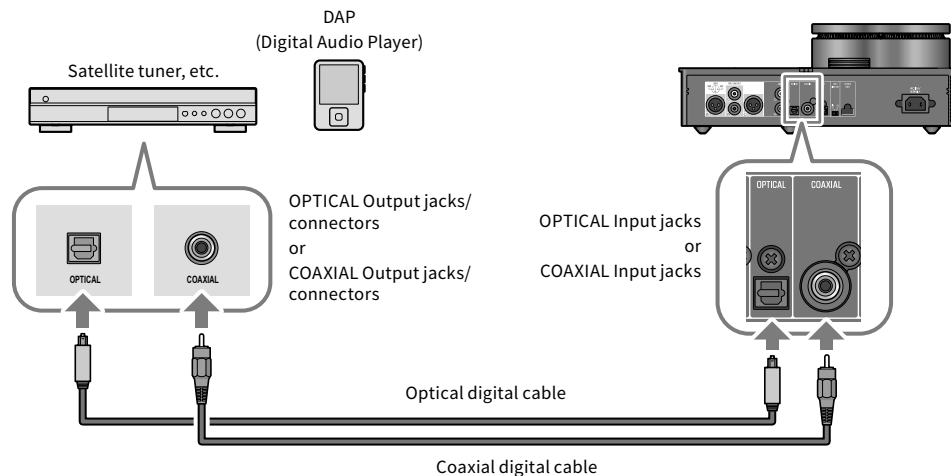
This is an example of how to connect various devices and cables to this product.
Refer to the User Guide when connecting to an external amp.



■ 2-1 Connecting an audio device (digital or analog)

This shows how to connect this product to an audio device via digital or analog connection. For a digital connection, you'll need a commercially available optical digital cable or coaxial digital cable. For an analog connection, you'll need a commercially available stereo RCA cable. For a DAP (Digital Audio Player), you may need an adaptor cable.

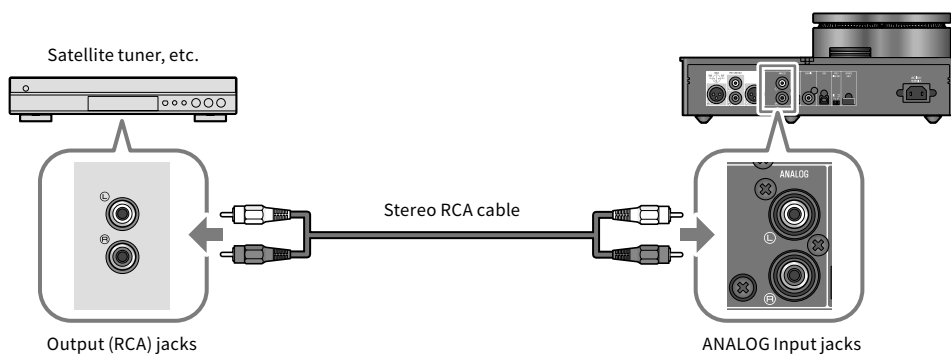
Digital connections



NOTE

- This product can play back two-channel PCM digital audio. If there is a setting on your audio device for digital audio output, use the PCM output (2 ch) setting.

Analog connections



■ 2-2 Getting your computer ready and making connections (USB)

Some steps may be required on your computer before you can use USB DAC. If you're using Windows on your computer, you must install the "Yamaha Steinberg USB Driver" USB driver supplied by Yamaha. If you're using macOS, you can use the standard driver for the OS, and there is no need to install a USB driver. See User Guide for details on which operating systems are supported.

Installing the USB driver on your computer (Windows only)

Before connecting this product to your computer, follow the steps below to install the USB driver on your computer.

1 Access the following website and search for "Yamaha Steinberg USB Driver".

Software download Web page:

URL: <https://download.yamaha.com/>

2 Download the latest driver.

3 Extract (decompress) the downloaded file.

4 Install the driver on your computer.

Follow the steps in the installation guide included with the driver you downloaded to install the software.

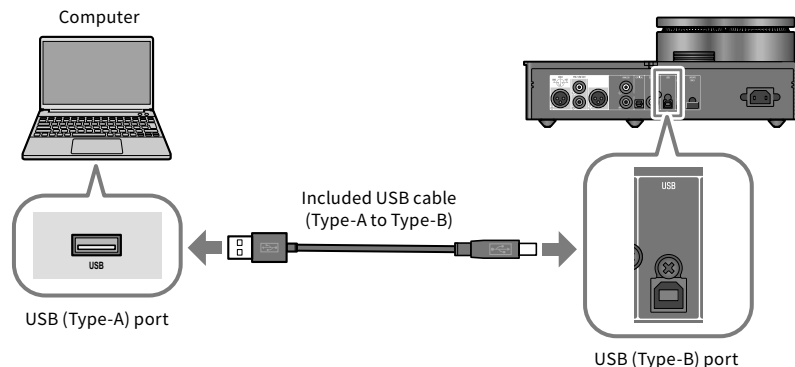
5 Once installation is complete, quit all open applications.

NOTE

- If an older version of this driver exists on your computer, uninstall it before installing the new one.

Connecting to your computer via USB

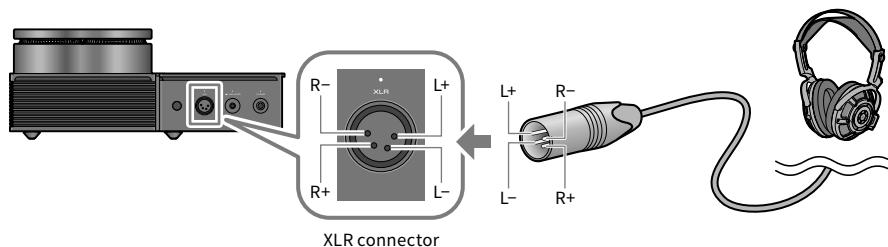
Use the included USB cable to connect this product to your computer.



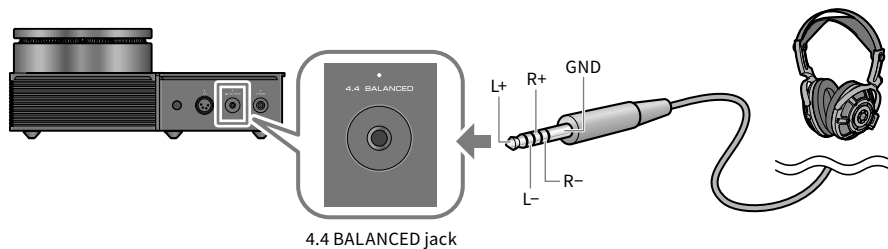
■ 2-3 Connecting a pair of headphones

This shows how to connect your headphones to this product. Use the input jack or connector that matches the plug shape of your headphone cable.

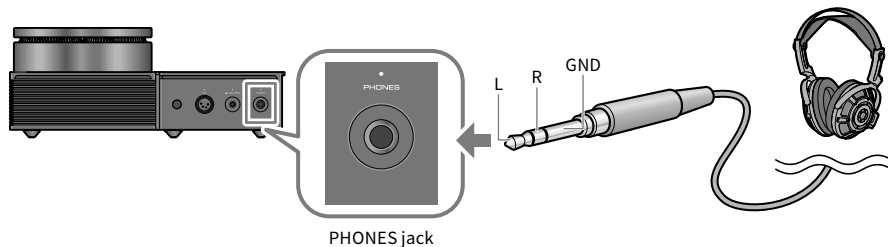
XLR 4-pin plugs



Balanced 4.4 mm five-conductor (TRRRS) plugs

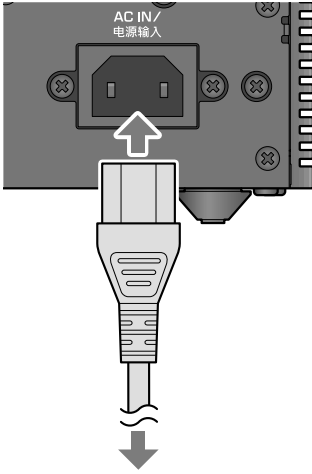


6.3 mm (1/4-inch) standard plugs



3 Connecting the AC power cord

Connect the included AC power cord after connecting all other devices.



Connect to the AC outlet

Listening to music (basic playback operations)

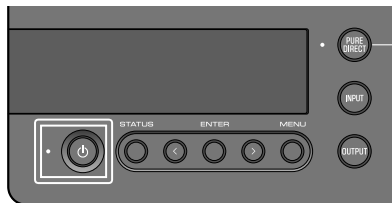
This explains the basic operations for listening to audio (such as music) from your audio device or computer on this product. The following steps show you how to do this from the operating panel on top of this product. See User Guide for details on how to use the remote control.

1 Turning on the audio device or computer

Turn on the power of the audio device or computer that's connected to this product.

2 Turning on this product

Press the  power button on the operating panel. The indicator to the left of the power button lights up when the power is on.



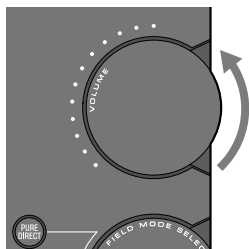
To turn off the power (standby), press the  power button again.

NOTE

- The auto power standby feature on this product automatically turns off the power (standby) when the unit is not operated and nothing is played back for 20 minutes. See User Guide for details.

3 Turning the volume all the way down

Turn the [VOLUME] knob on the operating panel all the way down (counterclockwise) to minimize the volume (the indicators encircling the knob should be unlit).

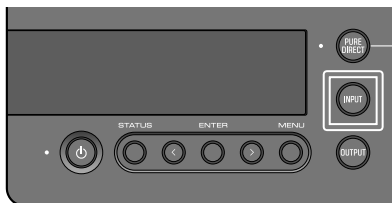


4 Selecting the audio input source and output destination

This shows how to select the input source (input jack) and output destination (headphones jack or [PRE/LINE OUT] jacks) for the audio.

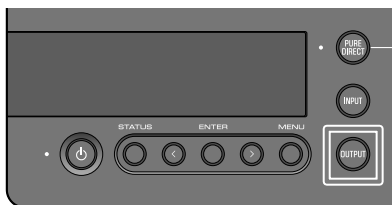
1 Press the [INPUT] button on the operating panel to select the audio input source.

The input switches between USB, OPTICAL, COAXIAL and ANALOG each time you press the button, and the input source name is shown in the information display.



2 Press the [OUTPUT] button on the operating panel to select the audio output destination.

The output switches between, HP 6.3mm, PRE OUT (LINE OUT), HP XLR and HP 4.4mm each time you press the button, and the output destination name is shown in the information display.



For example, to listen to your computer's audio in a pair of headphones plugged into the [PHONES] jack, set the input source to USB and the output destination to HP 6.3mm.

5 Playing back sound from your audio device or computer

Play back the audio on your audio device or computer.

To play back audio from your computer, set the computer's audio output destination to "Yamaha USB DAC".

For Windows users:

Start menu > Settings > System > Sound [Output]

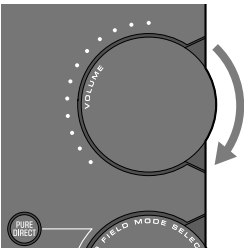
For macOS users:

System Settings > Sound > [Output] tab

The method to use depends on the OS version.

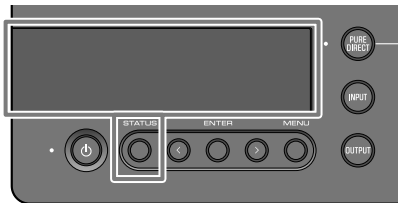
6 Adjusting the volume

Gradually turn the [VOLUME] knob on the operating panel clockwise to raise the volume until it reaches an appropriate level. The knob range indicators light up according to the volume.



About the information display

The information display on the top of this unit shows various information such as the current input and output names. The display type changes when you press the [STATUS] button. See User Guide for details.



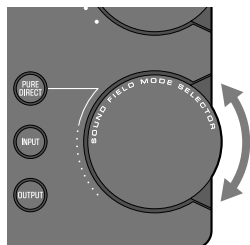
Listening with your preferred sound

Listening with various effects (SOUND FIELD MODE)

This product includes different sound field effects (SOUND FIELD MODE). Select the desired mode according to the contents you are listening to. The SOUND FIELD MODE adds depth and reverberation to the sound through signal processing (DSP).

Selecting the SOUND FIELD MODE

Turn the [SOUND FIELD MODE SELECTOR] knob on the operating panel to select the desired SOUND FIELD MODE. The name of the SOUND FIELD MODE you selected appears in the information display.



SOUND FIELD MODE

STRAIGHT	Plays the sound without applying the sound field effect.
CINEMA	Gives a greater sense of immersion and presence to movies with action scenes, such as action and SF movies. The effect increases the separation between dialogue and sound effects or background music.
DRAMA	Lets you comfortably enjoy animated shows, dramas, variety shows and other content where voice is important. The effect increases the separation between dialogue and sound effects or background music, making the dialogue sound more real and adding a comfortable sense of reverberation.
MUSIC VIDEO	Simulates a comfortable spatial placement of vocals and musical instruments, for enjoying music videos and other content. This creates a pleasant sense of space and sonic placement.
CONCERT HALL	A setting that creates the echoes and space of a live concert in a hall, letting you enjoy the performance as if you were part of the venue. This creates a sense of envelopment, enthusiasm, unity and realism.
OUTDOOR LIVE	Recreates the open-air feeling of an outdoor setting, letting you enjoy the sense of watching a live performance outdoors. This creates a sense of unity, openness and realism, reproducing a unique outdoor space by keeping the reverberations to an appropriate level.

BGM	This setting is suitable for listening to background music where the sound is localized outside the head, letting you relax and listen to music. Uses Yamaha's proprietary high-definition HRTF (Head Related Transfer Function) technology to process the stereo position of the sound outside your head.
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Default setting

STRAIGHT

NOTE

- The SOUND FIELD MODE is remembered for each audio input.
- When using PURE DIRECT, the sound is played without applying the sound field effect, regardless of the setting.

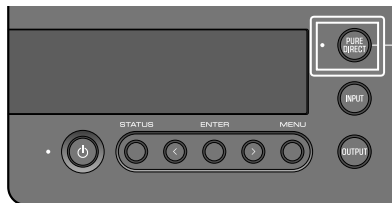
Listening with higher-definition sound quality (PURE DIRECT)

When PURE DIRECT is turned on, the various processing modes and circuits except for the basic functions necessary for playback, are stopped, which allows for higher playback definition with less noise.

How to use PURE DIRECT

Press the [PURE DIRECT] button on the operating panel to toggle this function on/off.

When PURE DIRECT is on, the indicator to the left of the [PURE DIRECT] button lights up.



NOTE

- When PURE DIRECT is on, some functions are disabled. When you try to operate this product, "NOT AVAILABLE" appears in the information display. See User Guide for details.