

TEAC

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UD-507

ENGLISH

FRANÇAIS

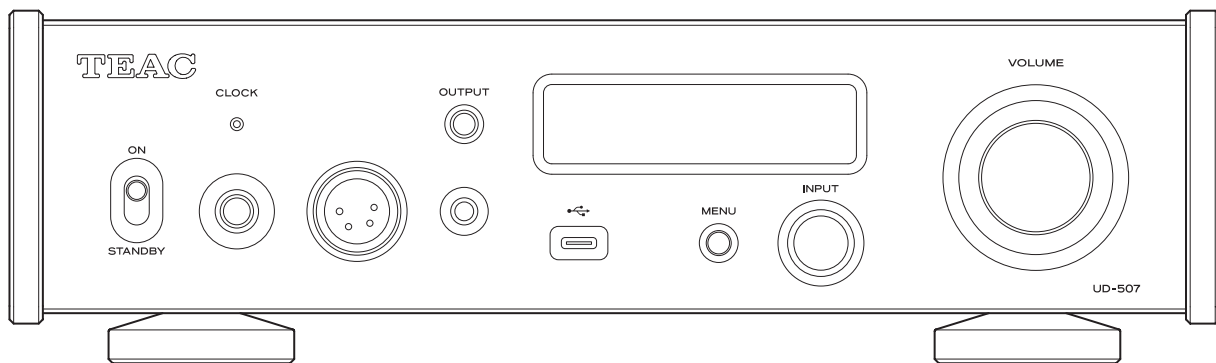
USB DAC/Headphone Amplifier

ESPAÑOL

OWNER'S MANUAL

MODE D'EMPLOI

MANUAL DEL USUARIO



DSD
Direct Stream Digital

MQA

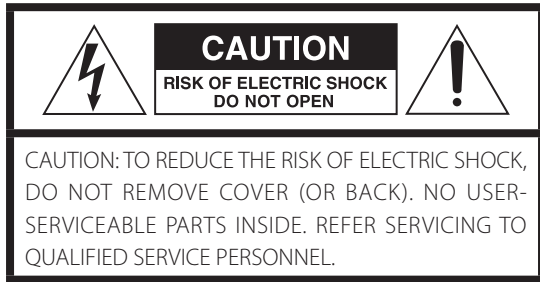
Bluetooth®

LDAC

LHDC

**Qualcomm®
aptX™ HD**

IMPORTANT SAFETY INSTRUCTIONS



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 appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
 - IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT THE STORE WHERE YOU PURCHASED THE UNIT FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
 - USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- 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.

- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The mains plug is used as the disconnect device; the disconnect device shall remain readily operable.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.

CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- The handle-like parts on the left and right sides of the front panel are decorative. Do not put your fingers through them or use them to carry the unit.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily reach the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

WARNING

Products with Class I construction are equipped with a power supply cord that has a grounding plug. The cord of such a product must be plugged into an AC outlet that has a protective grounding connection.

IN USA/CANADA, USE ONLY ON 120V SUPPLY.

⚠ Precautions concerning batteries

Misuse of batteries could cause them to rupture or leak leading to fire, injury or the staining of nearby things. Please read and observe the following precautions carefully.

- Be sure to insert the batteries with correct positive (+) and negative (-) orientations.
- Use batteries of the same type. Never use different types of batteries together.
- If the remote control is not used for a long time (more than a month), remove the batteries to prevent them from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use batteries of types other than those specified. Do not mix new batteries with old ones or use different types of batteries together.
- Do not heat or disassemble batteries. Never throw batteries into fire or water.
- Do not carry or store batteries with other metallic objects. The batteries could short circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.
- Do not expose batteries to extremely low air pressure as it could result in an explosion or leakage of flammable liquids or gases.

Model for USA

Supplier's Declaration of Conformity

Model number: UD-507
 Trade name: TEAC
 Responsible party: 11 Trading Company, LLC
 Address: 3502 Woodview Trace #200 Indianapolis, IN 46268 U.S.A.
 URL: <https://11tradingcompany.com/contact-us/>
 This device complies with Part.15 of 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.



Information

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 equipment and/or 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.

CAUTION



Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Model for Canada

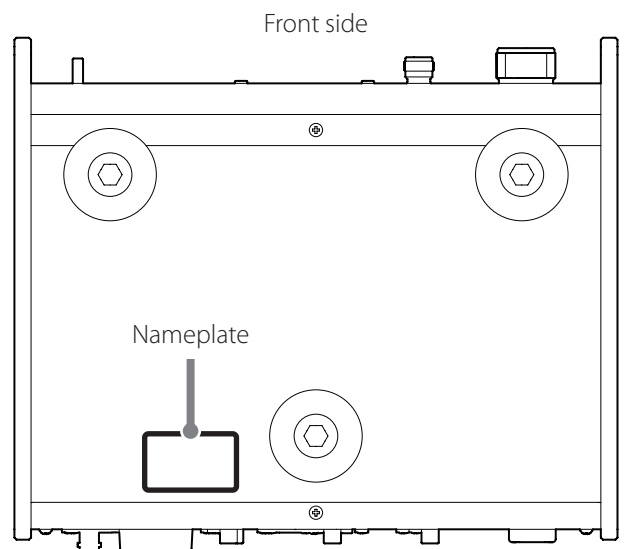
This Class B digital apparatus complies with Canadian ICES-003.

For European Customers

Disposal of electrical and electronic equipment and batteries and/or accumulators

- All electrical/electronic equipment and waste batteries/accumulators should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- By disposing of electrical/electronic equipment and waste batteries/accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- Improper disposal of waste electrical/electronic equipment and batteries/accumulators can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- The Waste Electrical and Electronic Equipment (WEEE) symbols, which show wheeled bins that have been crossed out, indicate that electrical/electronic equipment and batteries/accumulators must be collected and disposed of separately from household waste.  If a battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) as defined in the Battery Directive (2006/66/EC, 2013/56/EU), then the chemical symbols **Pb, Hg, Cd**  for those elements will be indicated beneath the WEEE symbol.
- Return and collection systems are available to end users. For more detailed information about the disposal of old electrical/electronic equipment and waste batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the equipment.

The nameplate is located on the bottom of the unit as shown below.



IMPORTANT SAFETY INSTRUCTIONS (continued)

Compliance of radio transmitter and interference

This product has the function of broadband transmitter using 2.4GHz Band.

Use frequency range: 2402 MHz – 2480 MHz

Maximum output power: Bluetooth® Class 2 (less than 2.5 mW)

Please use only in the country where you purchased the product. Depending on the country, restrictions on the use of Bluetooth wireless technology might exist.

Model for USA

Labeling of authorization

FCC ID: XEG-UD507

Model for Canada

Compliance of radio transmitter

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.

Labeling of authorization

IC: 1559C-UD507

Model for EEA (European Economic Area)



Hereby, TEAC Corporation declares that the radio equipment type is in compliance with Directive 2014/53/EU, and the other Directives, and Commission Regulations.

Model for UK

Hereby, TEAC CORPORATION declares that the radio equipment type is in compliance with UK Radio Equipment Regulations.



The full text of the EU or UK declaration of conformity is available at the following internet address. Please contact us by e-mail. <https://teacsupport.aqipa.com/>

Radiation Exposure requirements

This equipment meets the regulation, which is recognized internationally, for the case of human exposure to radio waves generated by the transmitter.

Statement of compliance

Model for USA/Canada

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Model for EEA and UK

This equipment complies with EN.62479; Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields.

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Included accessories

Check to be sure the box includes all the supplied accessories shown below.

Please contact the store where you purchased this unit if any of these accessories are missing or have been damaged during transportation.

Power cord × 1

Remote control (RC-1341) × 1

Batteries for remote control (AAA) × 2

Foot pads × 3

Owner's manual (this document, including warranty) × 1

- For information about the warranty, users living in the USA and Canada should see pages 40–41 and the back cover (warranty document). Users living in Europe and other regions should see page 41.

Maintenance

Wipe dirt from the top cover and other panel surfaces using a soft cloth that has been slightly dampened with a diluted neutral cleanser.

Do not wipe with chemical cleaning cloths, thinner or other chemical agents. Doing so could damage the surface.



For your safety, disconnect the power cord from the outlet before cleaning.

Using the TEAC International Site

You can download updates for this unit from the TEAC International Site:

<https://teac.jp/int/>

Click LANGUAGE at the top right of the page and select the desired language to access a page in the corresponding language.

Before use



Placement precautions

- Do not install this unit in a location that could become hot. This includes places that are exposed to direct sunlight or near a radiator, heater, stove or other heating equipment. Moreover, do not place it on top of an amplifier or other equipment that generates heat. Doing so could cause discoloration, deformation or malfunction.
- Avoid locations that are subject to vibrations or exposed to excessive dust, cold or moisture.
- When installing this unit, leave a little space (at least 3 cm or 1") between it and walls and other devices in order to allow good heat dissipation.
If you put it in a rack, for example, leave at least 5 cm (2") open above and 10 cm (4") open behind it. Failure to provide these gaps could cause heat to build up inside and result in fire.
- Do not move the unit during use.
- The voltage supplied to the unit should match the voltage printed on the back of the unit. If you are in any doubt regarding this matter, consult an electrician.
- Do not open the body of the unit as this might result in damage to the circuitry or cause electric shock. If a foreign object should get into the unit, contact your dealer.
- When removing the power plug from the wall outlet, always pull directly on the plug; never yank on the cord.

Note about placement

The steel feet are loosely attached to the bottom of the unit, leaving slight gaps. For this reason, the feet will move slightly from the bottom when the unit is lifted.

This unit is designed to rest on the feet when it is placed so that the feet do not apply unnecessary stress to the body.

- The feet will move slightly from the bottom of the unit, but this is not a defect.
- Apply the included pads to the bottoms of the foot-stands to avoid scratching the surface where the unit is placed.
- The top panel of this unit is attached with some play. The panel will move slightly, but this is not a defect.

Connecting headphones

⚠ CAUTION

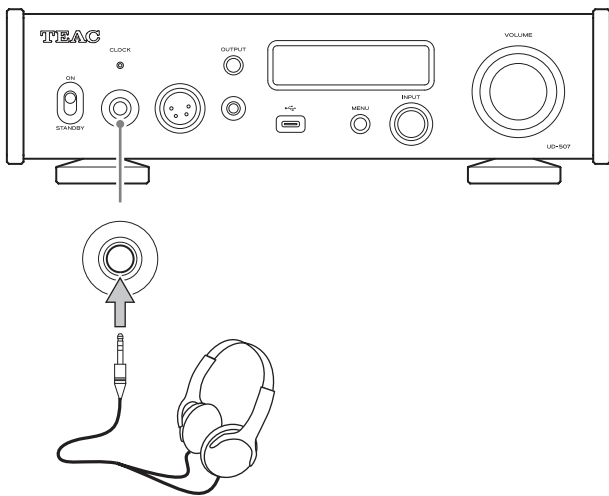
While wearing headphones, do not connect or disconnect them or turn the unit on or put it into standby.

Doing so could result in a sudden loud noise that could harm your hearing.

Before putting headphones on, always set the volume to minimum (display should show "0" when set to "STEP (0-100)" or " $-\infty$ dB" when set to "dB") (page 17).

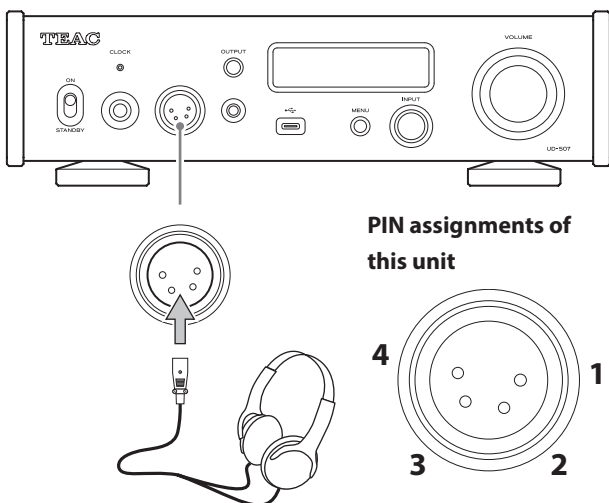
PHONES 6.3 mm

Connect headphones with a standard 6.3mm (1/4") stereo plug.

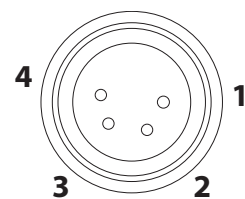


PHONES XLR

Connect headphones with a 4-pin XLR plug.



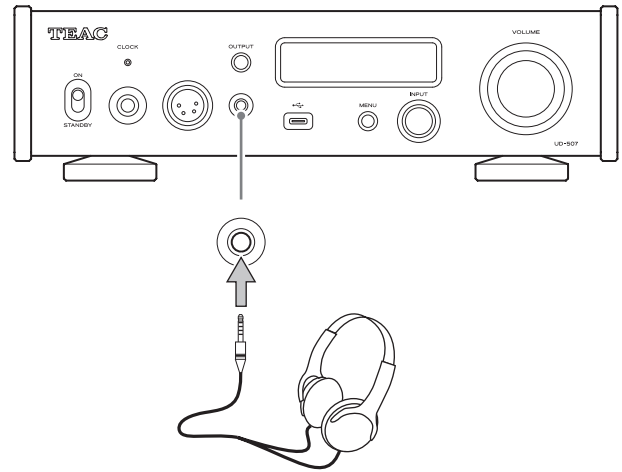
PIN assignments of this unit



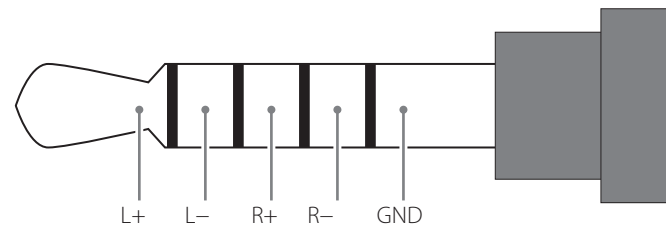
1: L+, 2: L-,
3: R+, 4: R-

PHONES 4.4 mm

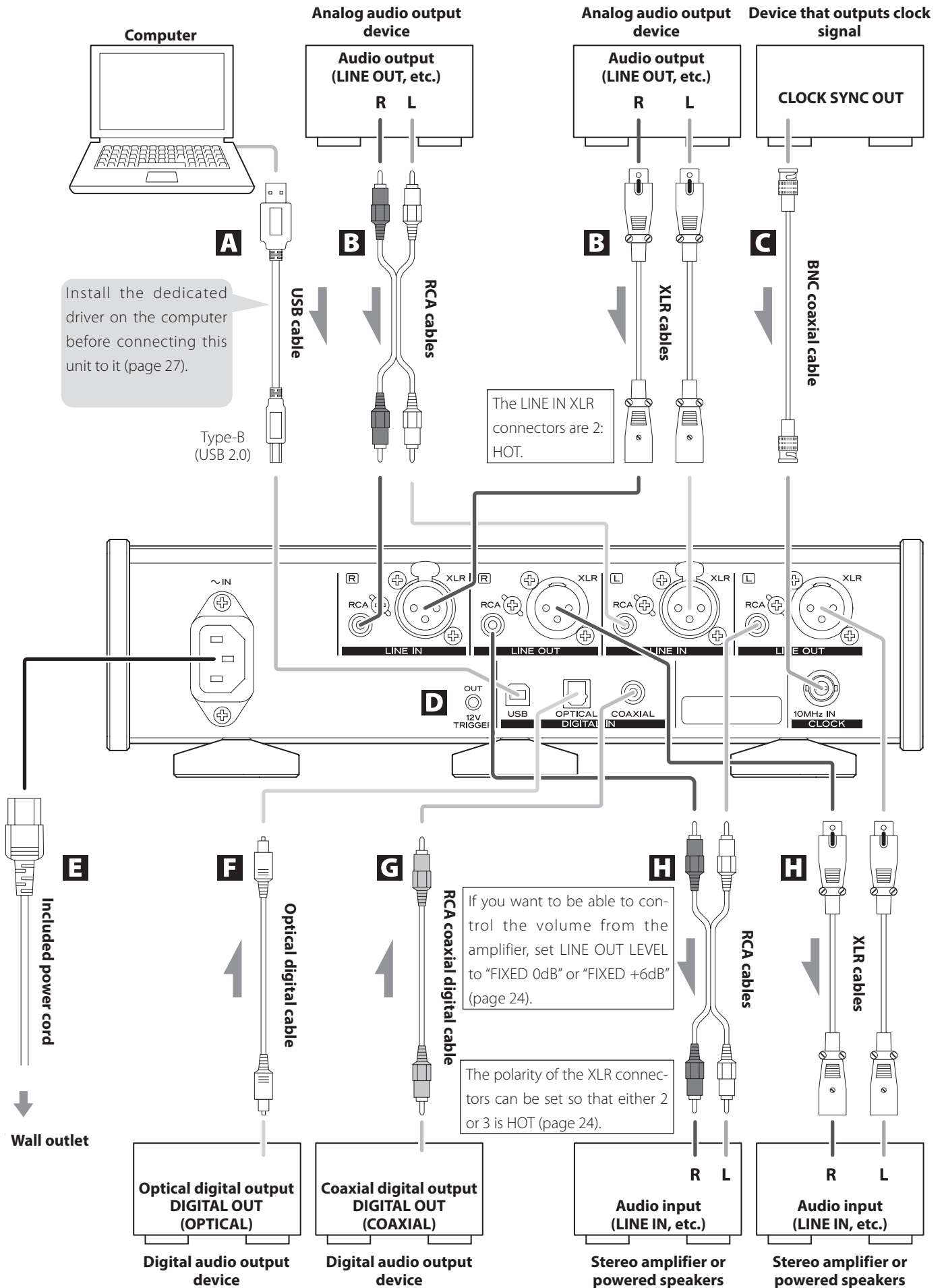
Headphones that conform to the JEITA RC-8141C standard (with a 4.4mm 5-pole stereo plug) can be connected.



Wiring illustration



Connections (back)



A USB Type-B port (USB)

Use this to input digital audio from a computer. Connect it to a computer's USB port.

For connection, use a commercially-available cable that has a Type-B (USB 2.0) connector and a connector that suits the USB port of the computer being used.

CAUTION

Before connecting a computer that is running a Windows OS, you must install the dedicated driver on the computer (page 27).

Proper connection is not possible with a Windows computer that does not have this driver installed.

B Analog audio input (LINE IN) connectors

Use these to input stereo analog audio. Connect the audio output connectors of a cassette deck, CD player or other audio output equipment to these.

Use commercially available cables for connections.

XLR: XLR cables

RCA: RCA cables

Connect this unit's R input connector to the R output connector of the audio output device, and this unit's L input connector to the L output connector of the other device.



C CLOCK sync input connector

Use this connector to input 10MHz clock synchronization signals (page 10).

Use a commercially available BNC coaxial cable (50 Ω) for connection.

- Clock sync is only possible when the input source is USB, COAXIAL, OPTICAL or Bluetooth.

D 12V TRIGGER output connector

This connector is for controlling the power of a connected device.

Do not connect anything to this connector when not using it (page 10).

Use a commercially-available mono mini plug cable for connection.

E Power inlet (~IN)

Connect the supplied power cord to this inlet.

After all other connections are complete, connect the power cord's plug to a wall outlet.



Do not use any power cord other than the one included with this unit. Use of other power cords could result in fire or electric shock.



Disconnect the power plug from the outlet if you will not use the unit for a long time.

F OPTICAL digital audio input connector

Use this to input digital audio. Connect an optical digital audio output connector of an audio device here.

For connection, use a commercially-available optical digital cable that has a square connector (TOSLINK) and a connector that suits the connector of the device being used.

G RCA COAXIAL digital audio input connector

Use this to input digital audio. Connect a coaxial digital audio output connector of an audio device here.

Use a commercially-available RCA coaxial digital cable for connection.

H Analog audio output (LINE OUT) connectors

Use these to output 2-channel analog audio. Connect these XLR or RCA connectors to a stereo amplifier or powered speakers.

Use commercially-available cables for connections.

XLR: XLR cables

RCA: RCA cables

Connect an R connector on this unit to an R connector on the amplifier, and connect the corresponding unit L connector to the corresponding amp L connector.



Complete all other connections before turning the unit on.

- Carefully read the manuals of the devices that you are connecting and follow their instructions when making connections.
- Do not bundle connecting cables with power cords. Doing so could cause noise.
- Connect all plugs completely.

Connections (back) (continued)

Synchronizing external devices with power operations of this unit (trigger function)

The power of a connected amp or another device that supports trigger functions can be synchronized with the power operations of this unit.

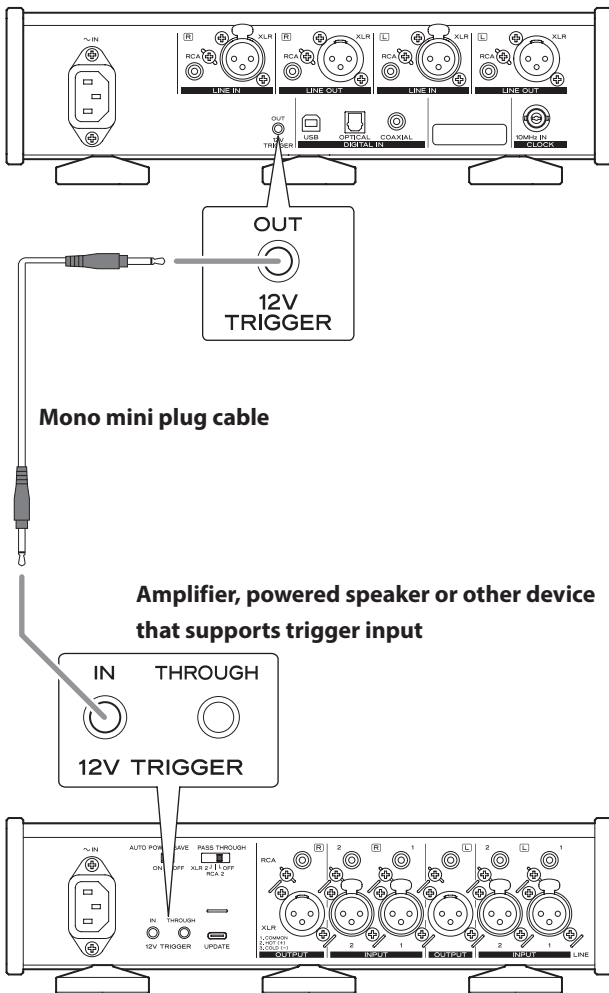
Use a commercially-available mono mini plug cable for connection.

12V TRIGGER OUT connector

When this unit is turned on, it outputs 12 V.

By connecting this unit's trigger output connector to a device that supports trigger input (e.g., an amplifier or powered speaker), the power supply of that device can be synchronized with the power operations of this unit.

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Connecting external clock output devices

Clock sync is possible when the input source is USB, COAXIAL, OPTICAL or Bluetooth (page 33).

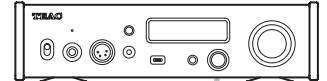
When the input source is COAXIAL, OPTICAL or Bluetooth, however, both this unit and the digital audio output device must be synchronized with the same external clock.

Digital audio output device

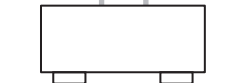
COAXIAL, OPTICAL or Bluetooth



UD-507



Connect 10MHz clock



Device that outputs clock signal

- If clock sync is set to ON when a CD player or other digital output device is not clock synchronized, audio skipping and dropouts could occur.

Upconversion

The upconversion function can be used with input sources other than analog audio (page 26).

The relationships between input sampling frequencies and sampling frequencies after upconversion are as follows.

Input source		Upconversion setting			
Digital audio input	USB	OFF	2× Fs	4× Fs	8× Fs
Input sampling frequency [kHz]		Sampling frequency after upconversion [kHz]			
32	–	32	64	128	256
44.1	44.1	44.1	88.2	176.4	352.8
88.2	88.2	88.2	88.2	176.4	352.8
176.4	176.4	176.4	176.4	176.4	352.8
–	352.8	352.8	352.8	352.8	352.8
48	48	48	96	192	384
96	96	96	96	192	384
192	192	192	192	192	384
–	384	384	384	384	384

 These values are not converted.

- The maximum upconversion is 8× Fs.
- Upconversion is not possible when the input is DSD.
- The upconversion setting is ignored during MQA playback.

MQA (Master Quality Authenticated)

MQA is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download.

Visit mqa.co.uk for more information.

The UD-507 includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.

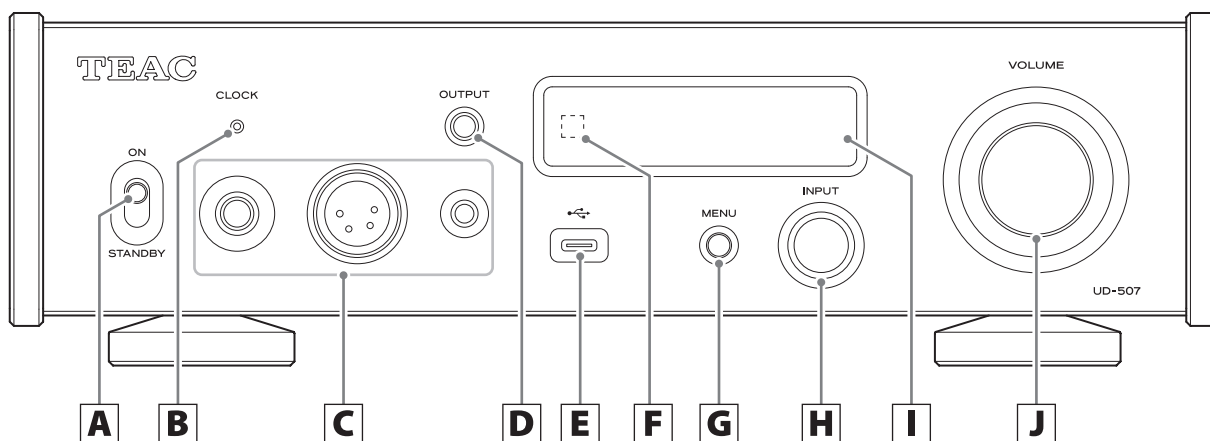
'MQA' or 'MQA.' indicates that the product is decoding and playing an MQA stream or file, and denotes provenance to ensure that the sound is identical to that of the source material. "MQA." indicates it is playing an MQA Studio file, which has either been approved in the studio by the artist/producer or has been verified by the copyright owner.

- This unit can decode MQA streams and files only when the playback source is USB, COAXIAL or OPTICAL.
- When conducting MQA decoding of signals from COAXIAL or OPTICAL sources, do not use signal processing, including up conversion or digital filtering on the digital output device, because signals need to be received as bit-perfect.

Display example during MQA playback



Main unit parts and functions



A STANDBY/ON switch

Use this to put the unit into standby mode or turn it on.

- If the display is off even though the STANDBY/ON switch is set to ON, the cause is usually one of the following.
 - The power is on, but DIMMER (display brightness) is set to AUTO OFF (page 22).
 - The automatic power saving function has activated, putting the unit into standby (page 23).
 - The power cord is disconnected.

To turn the unit on when the automatic power saving function has activated, putting the unit into standby, press the ON button on the remote control, or set the STANDBY/ON switch to STANDBY once and then back to ON.

B CLOCK indicator

This shows the clock synchronization status.

- Lit: The unit is currently synchronized with the clock from the CLOCK sync input connector.
- Blinking: No clock is being input, or the unit is trying to synchronize with the clock signal.
- Unlit: External clock is not being used.

- See page 26 for clock sync settings.

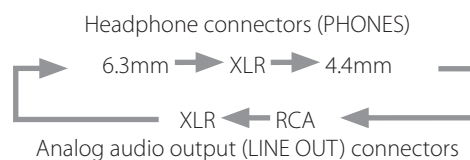
C Headphone connectors

Connect headphones plugs (standard 6.3mm (1/4") stereo, 4-pin XLR or 4.4mm 5-pole stereo) here (page 7).

D OUTPUT button

Press this once to show the current output.

Press this again to switch which connector outputs analog audio in the following order.



E USB Type-C port

Use this to input digital audio from a computer. Connect it to a computer's USB port.

Please prepare a commercially-available cable that is capable of data transfer and has a Type-C connector and a connector that suits the USB port of the computer being used.

This cannot be used with a cable specified only for charging.

ATTENTION

Before connecting a computer that is running a Windows OS, you must install the dedicated driver on the computer (page 27).

Proper connection is not possible with a computer that does not have this driver installed.

F Remote control signal receiver

This receives signals from the remote control. When operating the remote control, point it at the remote control signal receiver.

G MENU button

Press this to enter setting mode (page 21).

Press this when in setting mode to return to the previous screen.

Using the remote control

H INPUT knob

Use this to switch between input sources.

Turn this when the menu is open to change the item shown or the setting value.

Press this to use it as an ENTER button.

I Display

This display shows information about the audio playing back and menu screens.

J VOLUME knob

Use this to adjust the volume. Turn it right to increase and left to decrease the volume.

- To enable adjustment of this unit's analog audio output volume, set LINE OUT LEVEL to VARIABLE (page 24). This will enable adjustment of the analog output level using the VOLUME knob on the front of the unit.
- Volume settings are retained separately for each audio output.

Automatic power saving function

This unit has an automatic power saving function (page 23).

By default, the setting is ON.

The unit will automatically enter standby mode if no audio is output and no operation is conducted for about 30 minutes. The automatic power saving time setting can be used to change the amount of time until the unit enters standby mode (page 23).

Set the automatic power saving function to OFF to disable it (page 23).

Display brightness

You can adjust the brightness of the unit's display (page 22).

By default, the setting is Slightly BRIGHT (Stays lit dimly).

When set to AUTO OFF (automatic illumination off), the display turns off when not being operated.

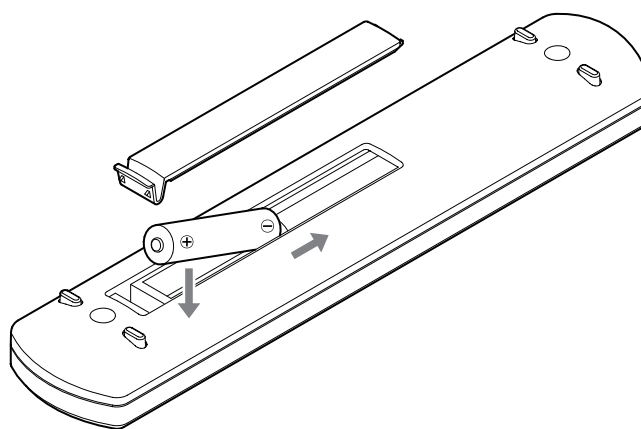
Precautions for use

⚠ Misuse of batteries could cause them to rupture or leak, which might result in fire, injury or the staining of nearby materials. Please carefully read and observe the precautions on page 3.

- Point the remote control toward the remote control signal receiver on the main unit from a distance of 5 m (16 ft) or less. Do not place obstructions between the main unit and the remote control.
- The remote control might not work if the remote control signal receiver on the unit is exposed to direct sunlight or bright light. If this occurs, try moving the unit.
- Beware that use of this remote control could cause the unintentional operation of other devices that can be controlled by infrared rays.

Installing batteries

Remove the cover on the back of the remote control, and insert 2 AAA batteries into the case, aligning them with the ⊕ and ⊖ indications. Then, replace the cover.

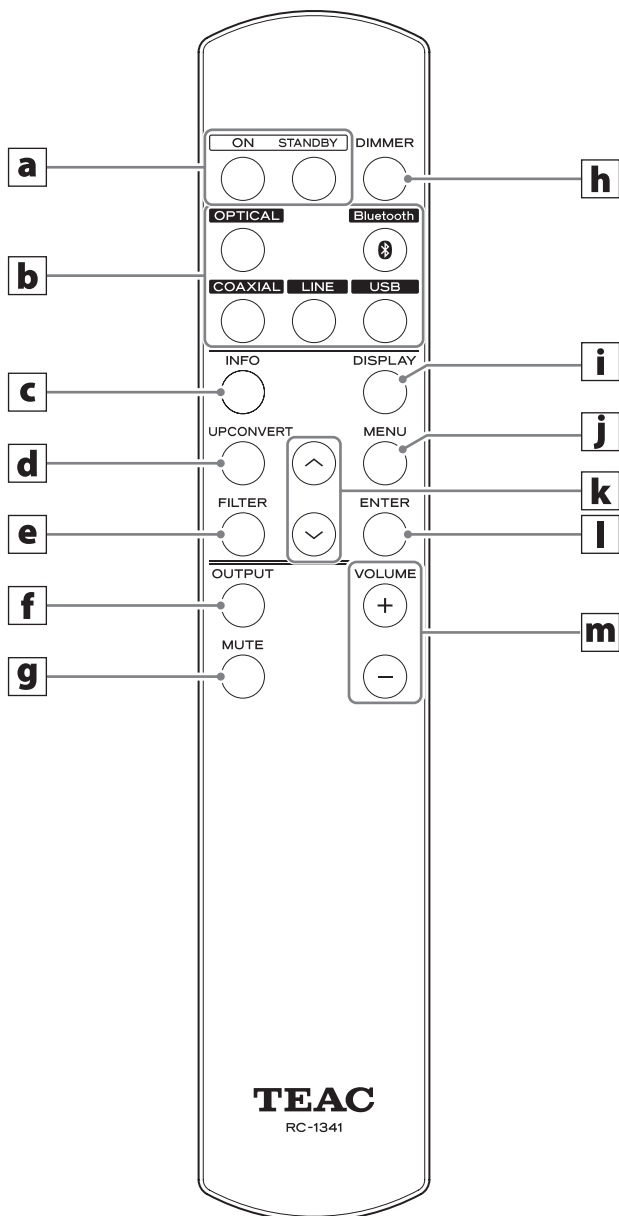


When to replace batteries

If the distance required between the remote and the main unit decreases or if the main unit stops responding to the remote buttons, replace both batteries with new ones.

Dispose of the used batteries according to the instructions on them or requirements set by your local municipality.

Remote control parts and functions



When the main unit and the remote control both have buttons with the same functions, this manual explains how to use one of the buttons. The other corresponding button can be used in the same manner.

a ON/STANDBY buttons

Use these to turn the unit on or put it into standby mode.

b Input selection buttons

Use these to select the playback source.

c INFO button

Press this to show setting values, for example (page 24).

d UPCONVERT button

Press this to change the upconversion setting.

e FILTER button

Press this to change the DSD low-pass filter setting (page 26).

f OUTPUT button

Press this to switch which connector outputs analog audio.

g MUTE button

Press this to minimize the volume.

h DIMMER button

Press this to adjust the brightness of the main unit's display.

i DISPLAY button

j MENU button

Press this to enter setting mode (page 21).

Press this when in setting mode to return to the previous screen.

k Up/down (^/∨) buttons

Use these to select setting items.

l ENTER button

Press this to confirm the selected item.

m VOLUME (+/-) buttons

Use these to adjust the volume.

When on



After the display appears as above, it will show the input source status.

Playback source screen

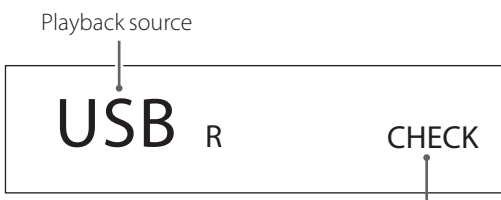
The playback source screen will appear after turning the unit on as well as after about seven seconds pass without operation when a setting screen is open.

The input signal format or volume is shown to the right of the playback source. Press the DISPLAY button on the remote control to change what is shown.

Display examples

Playback source information screens

Stopped

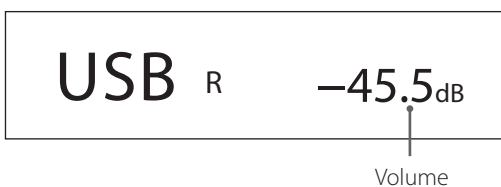


Shown when the connection is being checked

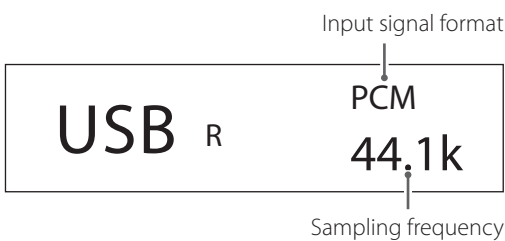
Playing back

The display appearance will differ according to the DISPLAY TYPE setting (page 23).

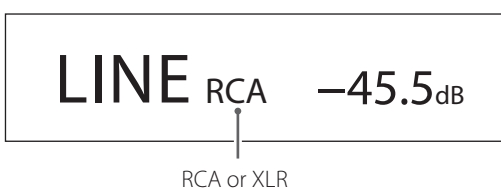
When set to VOLUME



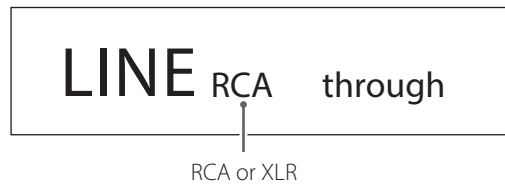
When set to SAMPLING FREQ.



When the input source is LINE RCA/XLR



When line pass through (LINE PASS THRU) is enabled



Playback source name

The name of the selected source is shown.

The names on the display correspond to the selected connectors as follows.

The names in parentheses appear when switching.

USB R (USB REAR)

USB port on the back of the unit (USB)

USB F (USB FRONT)

USB port on the front of the unit (USB)

COAX (COAXIAL)

RCA COAXIAL digital audio input connector

OPT (OPTICAL)

OPTICAL digital audio input connector

Bluetooth (Bluetooth)

Bluetooth device

LINE RCA (LINE RCA)

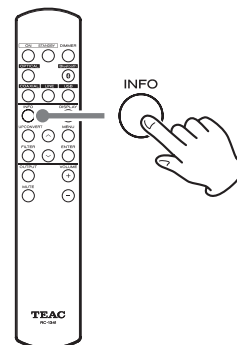
RCA analog audio input connectors

LINE XLR (LINE XLR)

XLR analog audio input connectors

Showing settings

Press the INFO button on the remote control to show the current setting. Each time the INFO button is pressed, the information shown changes.



Display (continued)

Volume display

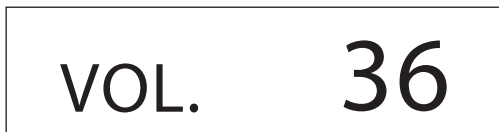
Two types of volume can be shown: STEP and dB.
This is set by the VOLUME TYPE setting (page 22).

The volume setting shown will be enlarged when you turn this unit's VOLUME knob.

When USB volume control (USB VOLUME CTL) (page 23) is set to ON, the volume level from the computer can be adjusted, but the values of the volume shown by the computer and the volume shown by this unit will not match.

VOLUME TYPE set to "STEP (0-100)"

Display example



The maximum volume level is 100 and the minimum level is 0. Before connecting headphones, set the VOLUME knob to its minimum value (0). Failure to do so might cause sudden loud noises, which could damage headphones, harm hearing or result in other trouble.

VOLUME TYPE set to "dB"

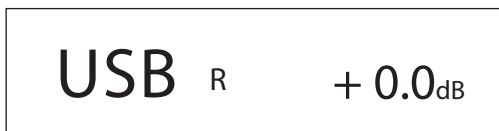
Display example



The maximum volume level is +24 dB and the minimum level is $-\infty$ dB (negative infinity). Before connecting headphones, set the VOLUME knob to its minimum value ($-\infty$ dB). Failure to do so might cause sudden loud noises, which could damage headphones, harm hearing or result in other trouble.

The set output level is shown when LINE OUT LEVEL is set to "FIXED 0dB" or "FIXED +6dB".

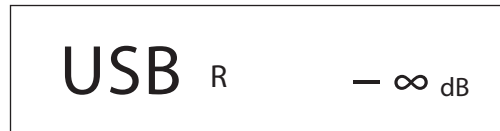
Example when VOLUME TYPE set to "dB"



- If VOLUME TYPE is set to "STEP (0-100)", "VOL. 86" will be shown when set to "FIXED 0dB" and "VOL. 90" will be shown when set to "FIXED +6dB".

When LINE OUT LEVEL is set to "OFF", "VOL. 0" or " $-\infty$ dB" will be shown.

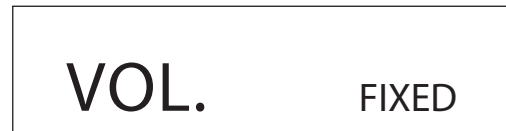
Example when VOLUME TYPE set to "dB"



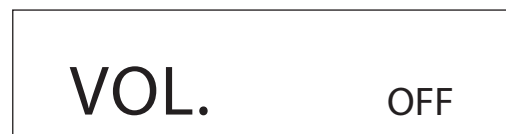
When LINE OUT LEVEL is set to FIXED or OFF

Turning the VOLUME knob will cause the following to be displayed.

LINE OUT LEVEL set to FIXED

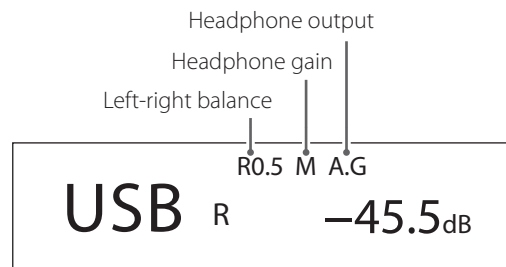


LINE OUT LEVEL set to OFF



Status indication

When STATUS indication is ON (page 23), the left-right balance, headphone gain and headphone output settings will be shown at the top of the display.



Left-right balance

Nothing will be shown when the setting value is "ctr. 0.0dB".

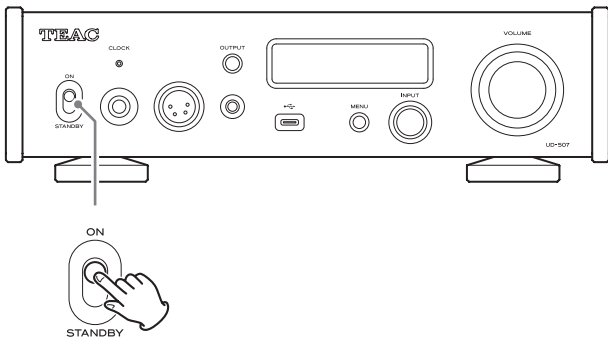
Headphone gain

This is shown when the analog audio output is headphones.

Headphone output

"A.G" will be shown when the analog audio output is headphones and the setting value is ACTIVE GROUND.

1 Shift the STANDBY/ON switch to its ON position to turn the unit on.

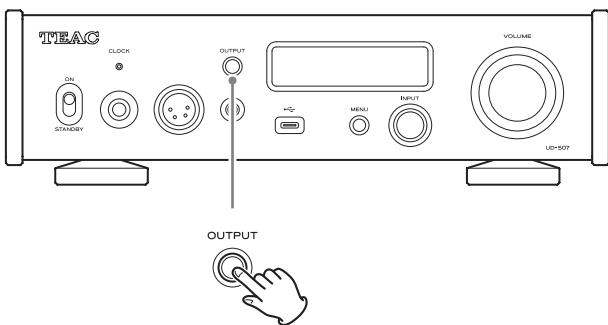


- If a stereo amplifier is connected to this unit, always turn the amplifier on very last.
- The input source status will be shown.

2 Minimize the volume.

Minimize the volume on devices used to control the volume (this unit, the stereo amplifier or other equipment connected to this unit).

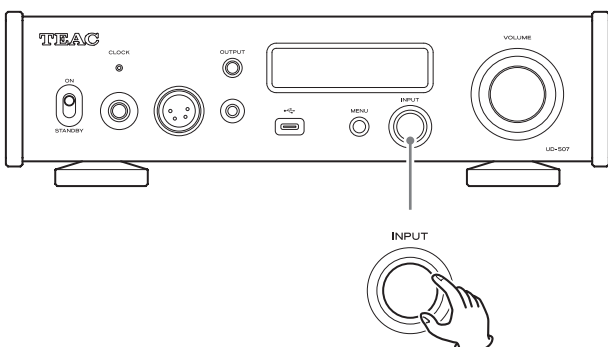
3 Press the OUTPUT button to select the connector type used to output analog audio.



NOTE

Press this once to show the current output.
Press this again to change the output (page 12).

4 Turn the INPUT knob to select the input source.



The selected source appears on the display.

- You can also use the input selection buttons on the remote control.
- If a signal input to a digital input connector is not a digital audio signal or is an audio signal format that is not supported by this unit, such as Dolby Digital or DTS, no audio will be output. Set the digital output of the connected device to PCM audio output.
- To play back audio files when this unit is set to USB, you must first install a dedicated driver on the computer before connecting them (page 27).
- DSD data can only be played back when the input source is USB or when using DoP format digital input.

5 Operate the audio output device.

Refer to the operation manual of that device.

6 Adjust the volume.

When using the line outputs

When LINE OUT LEVEL is set to VARIABLE, turn this unit's VOLUME knob to adjust the volume.

When LINE OUT LEVEL is set to any other setting, the volume cannot be adjusted from this unit. Use the stereo amplifier or other device connected to this unit to adjust the volume.

When headphones are connected to this unit

Turn this unit's VOLUME knob to adjust the volume.

- When this unit's VOLUME knob is enabled, the volume setting will be shown.

NOTE

- The automatic power saving function is set to ON when shipped new from the factory (page 23).
- When DIMMER (display brightness) is set to AUTO OFF, the display will turn off when not being operated (page 22).

Bluetooth® wireless technology

Bluetooth® notes

When using this unit with a mobile phone or other Bluetooth devices, they should be no more than about 10 m (33 ft) apart.

Depending on the circumstances of use, however, the effective transmission distance might be shorter.

Wireless communication with every device that supports Bluetooth wireless technology is not guaranteed.

To determine the compatibility between this unit and another device that supports Bluetooth wireless technology, refer to that device's operation manual or contact the shop where you purchased it.

Profiles

This unit supports the following Bluetooth profiles.

- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio/Video Remote Control Profile)

In order to transfer audio using Bluetooth wireless transmission, the Bluetooth device must support A2DP.

In order to control playback on the Bluetooth device, it must support AVRCP.

Even if a Bluetooth device supports the same profiles, though, its functions might differ according to its specifications.

Codecs

This unit supports the following codecs. It will automatically select one of them during audio transfer.

- LDAC
- LHDC
- Qualcomm®aptX™ HD audio
- Qualcomm®aptX™ audio
- AAC
- SBC

The unit will select the appropriate codec to use according to the codec compatibility of the other Bluetooth device and communication conditions.

LDAC is an audio coding technology developed by Sony that enables the transmission of High-Resolution (Hi-Res) Audio content, even over a Bluetooth connection.

Unlike other Bluetooth compatible coding technologies such as SBC, it operates without any down-conversion of the Hi-Res Audio content*, and allows approximately three times more data** than those other technologies to be transmitted over a Bluetooth wireless network with unprecedented sound quality, by means of efficient coding and optimized packetization.

* excluding DSD format contents

** in comparison with SBC (Subband Coding) when the bitrate of 990 kbps (96/48 kHz) or 909 kbps (88.2/44.1 kHz) is selected

NOTE

- You cannot select the codec to be used by pressing a button, for example.
- Due to the characteristics of Bluetooth wireless technology, compared to the playback on the Bluetooth device, audio output through this unit will be slightly delayed.

Content protection

This unit supports SCMS-T as a form of content protection when transmitting audio, so it can play protected audio.

Transmission security

This unit supports security functions during Bluetooth wireless transmission in accordance with the Bluetooth standard specifications, but it does not guarantee the privacy of such transmissions.

TEAC CORPORATION will bear no responsibility should an information leak occur during Bluetooth wireless transmission.

Pairing with another Bluetooth device

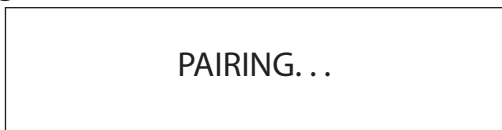
Pairing this unit with another Bluetooth device is necessary the first time it is used and when connecting to a different Bluetooth device for the first time.

1 Turn the INPUT knob to select Bluetooth.



2 Enable Bluetooth transmission on the other Bluetooth device.

3 Press and hold the INPUT knob to enter pairing mode.



- Continue pressing even if "DEVICE SELECT!" appears.
- "PAIRING..." blinks when pairing.

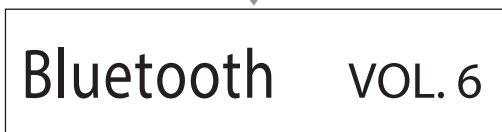
4 On the other Bluetooth device, select "UD-507" (this unit).

5 After this unit enters pairing mode, pair with it from the other Bluetooth device.

For details, refer to the operation manual of that Bluetooth device.

After connection, the display will show the name of the connected device, followed by the input source.

Display example



Outputting audio from a Bluetooth device

- Pair this unit the first time you use it and when you want to connect it with a different Bluetooth device for the first time.
- When pairing or connecting with another Bluetooth device, they should be within a few meters of each other. If they are too far apart, pairing and connection afterwards might become impossible.

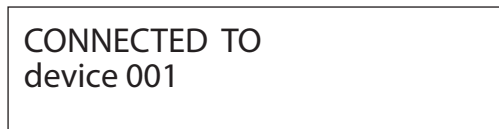
1 Enable Bluetooth transmission on the other Bluetooth device.

2 Turn the INPUT knob to select Bluetooth.

This sets the source to Bluetooth.

- You can also use the Bluetooth button on the remote control.

Display example



This unit will search for paired devices and automatically connect to one if found.

ATTENTION

Depending on the Bluetooth device, you might also need to conduct connection operations on it.

If you are unable to connect it successfully, refer to the operation manual of the Bluetooth device.

3 Start audio output on the other Bluetooth device.

- Confirm that the volume is turned up on the other Bluetooth device. If the volume of the audio being output is not turned up, no sound might be output from this unit.

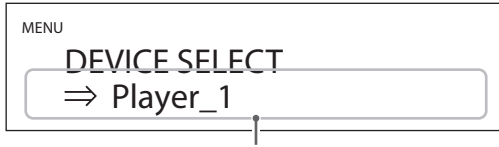
Bluetooth® wireless technology (continued)

Changing the connected device

1 Press the INPUT knob to show DEVICE SELECT.

The bottom line of the display shows the name of the last connected device.

Display example



Name of last connected device

2 Turn the INPUT knob to show already paired Bluetooth devices.

- The unit can remember a maximum of eight device pairings.
- If no paired device is available, the screen will appear as follows.



- Press and hold the INPUT knob to enter pairing mode (page 19).
- The first 16 characters of the device name are shown.
- If characters other than English letters and numbers are included in the device name, it will not be shown properly.

3 Press the INPUT knob to connect.

After connection, the display will show the input source.

ATTENTION

- If the input source is not shown, regardless of the connection standby status of this unit and the other Bluetooth device, restart both this unit and the other device and then connect them again.
- Depending on the Bluetooth device, you might also need to conduct connection operations on it.
If you are unable to connect it successfully, refer to the operation manual of the Bluetooth device.

4 Start audio output on the other Bluetooth device.

- Confirm that the volume is turned up on the other Bluetooth device. If the volume of the audio being output is not turned up, no sound might be output from this unit.

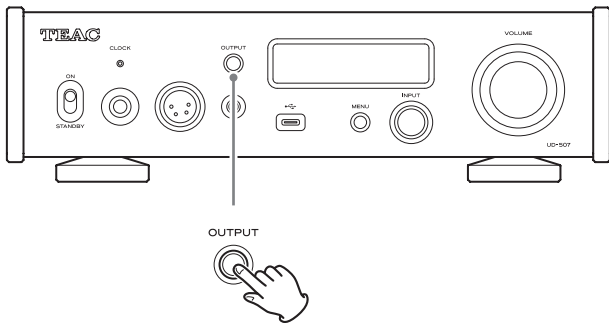
NOTE

Press and hold the MENU button to clear all pairings with other Bluetooth devices.

Support for multipoint connection

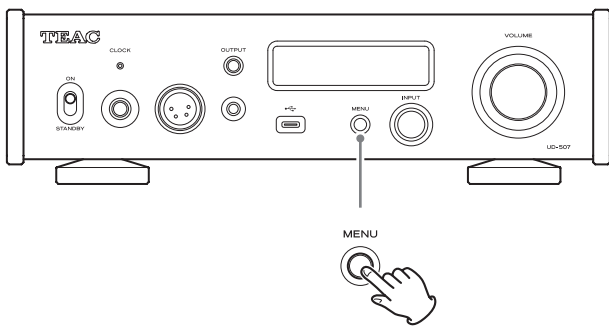
Connecting with 2 Bluetooth devices at the same time is possible. Audio can only be output from one at a time when connected. Output from the device that most recently started playback will be prioritized. Playback will be stopped on the previously playing device.

1 Press the OUTPUT button to select an output connector to change its settings.

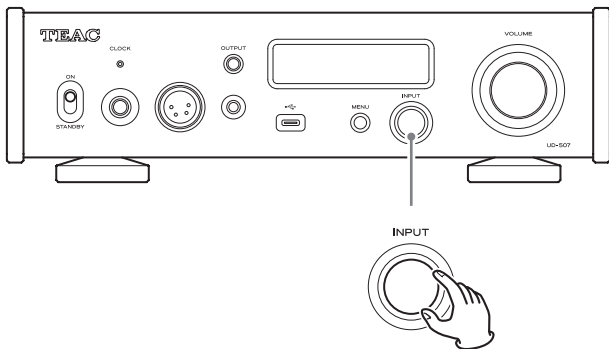


When not changing an ANALOG setting item for which settings are saved individually for each output, selecting the output connector is unnecessary.

2 Press the MENU button to open the menu screen.

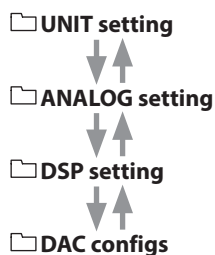


3 Turn the INPUT knob to show setting groups.

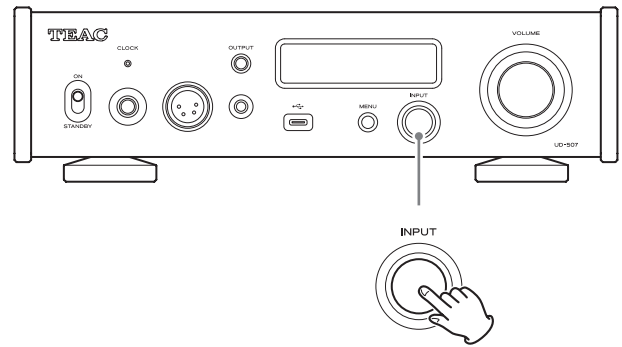


- You can also use the up and down (∧, ∨) buttons on the remote control.

The setting groups change in the following order.



4 Press the INPUT knob.



- You can also press the ENTER button on the remote control.
- If you do not do anything for about ten seconds, the display will return to showing the input source status. In this state, press the MENU button to open a screen for the settings shown.

5 Turn the INPUT knob to select the setting item and press the INPUT knob.

The setting items of each setting group are shown in the following orders.

UNIT setting

- DIMMER
- ↕
- VOLUME TYPE
- ↕
- DISPLAY TYPE
- ↕
- STATUS indication
- ↕
- AUTO POWER SAVE
- ↕
- APS TIME SETTING
- ↕
- USB VOLUME CTL
- ↕
- FACTORY RESET
- ↕
- VERSION INFO

ANALOG setting

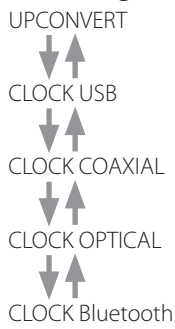
- XLR OUT POLARITY
- ↕
- LINE OUT LEVEL¹
- ↕
- L/R BALANCE¹
- ↕
- HEADPHONE OUT^{1 2}
- ↕
- HEADPHONE GAIN¹
- ↕
- LINE PASS THRU

¹ Separate settings are saved for each output.

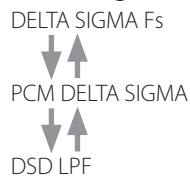
² This is shown when the analog audio output is PHONES XLR or PHONES 4.4mm.

Settings (continued)

DSP setting



DAC configs



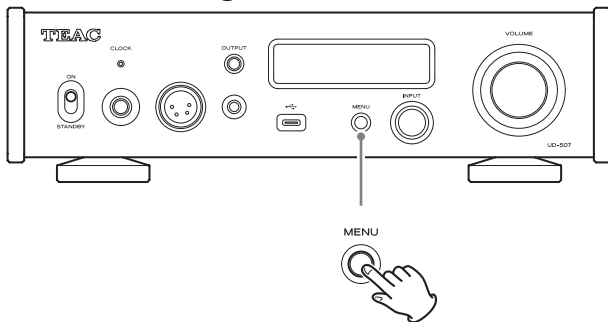
- The currently set value is shown on the display.
- You can also use the up and down (∧, ∨) buttons on the remote control.
- Press the MENU button to return to setting group selection.

6 Turn the INPUT knob to change the setting value.

7 Press the INPUT knob.

- You can also press the ENTER button on the remote control.

8 When you are done changing settings, press the MENU button twice to show the input source status again.



- If you do not do anything for about ten seconds, the display will return to showing the input source status. In this state, press the MENU button to open a screen for the settings shown.

UNIT setting

Display brightness



BRIGHT

Stays lit brightly.

Slightly BRIGHT

Stays lit dimly.

DARK

Stays dark.

AUTO OFF

Turns off automatically.

- The display turns off when not being operated.

NOTE

This can be set directly with the remote control DIMMER button.

Volume display

This sets how the volume is shown.



STEP (0-100)

This shows the volume in steps from 0 (minimum) to 100 (maximum).

dB

This shows the volume in decibels (dB).

Screen indication

Select the information shown to the right of the playback source.



VOLUME

The volume is shown.

SAMPLING FREQ.

Information about the playback source is shown.

NOTE

This can be selected directly with the remote control DISPLAY button.

Status indication

Select whether setting values are shown at the top of the display.



OFF

Setting values will not be shown.

ON

The left-right balance, headphone gain and headphone output settings will be shown (page 16).

Automatic power saving function

This unit has an automatic power saving function.

- The automatic power saving function is ON when the unit is shipped new from the factory.



OFF

The automatic power saving function is disabled.

ON

The unit will automatically enter standby mode if no audio is output and no operation is conducted for about 30 minutes.

- The automatic power saving time setting can be used to change the amount of time until the unit enters standby mode.

Automatic power saving time setting

This sets the amount of time until the automatic power saving function causes the unit to enter standby.



This can be set in a range from 1–255 minutes in 1-minute increments (30 minutes by default).

USB volume control

This allows the volume to be adjusted from the computer or other USB host device when the input source is USB.



OFF

Disable volume adjustment from computers and other devices.

ON

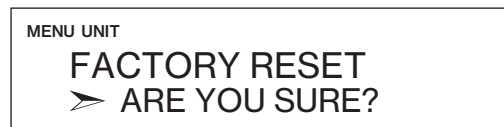
Enable volume adjustment from computers and other devices.

ATTENTION

- The volume level from the computer can be adjusted, but the values of the volume shown by the computer and the volume shown by this unit will not match.
- The volume settings of the computer or other USB host device and this unit will be synchronized. Adjusting the volume of this unit will also change the volume setting value of the USB host device accordingly.
- Some USB host devices do not support USB volume control.
- When connected by USB, the volume of the USB host device could be set and unintended loud sounds could be output. Confirm that USB volume control is functioning before starting playback.

Restoring default settings

See "Restoring default settings" on page 31 for operation procedures.



Settings (continued)

Information display

This shows the version of the firmware used by the unit.



SYSTEM

The microcomputer firmware version

USB

The USB firmware version

FPGA

The FPGA firmware version

Bluetooth

The Bluetooth module firmware version

ANALOG setting

XLR polarity

Use this to set the polarity of the XLR analog audio output (LINE OUT) connectors.



PIN2 HOT

Analog audio signals are output through the XLR connectors with 2: HOT polarity.

PIN3 HOT

Analog audio signals are output through the XLR connectors with 3: HOT polarity.

Line output level

Use this to set the audio level output from the analog audio output (LINE OUT) connectors.



FIXED 0dB

A maximum of 2 Vrms is output. Select this if you want to adjust the volume using an amplifier.

FIXED +6dB

A maximum of 4 Vrms is output. Select this if you want to adjust the volume using an amplifier.

- If the sound distorts, set this to FIXED 0dB.

VARIABLE

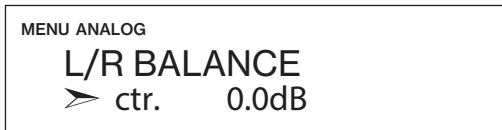
This will enable adjustment of the analog output level using the VOLUME knob on the front of the unit. Select this if you want to adjust the volume using this unit.

OFF

No sound is ever output.

Left-right balance

Use this to adjust the left-right balance.
This setting can be made for each output.



This can be set from Lch 24.0 dB to Rch 24.0 dB in 0.5dB increments. When the volume is the same for both left and right channels, "ctr. 0.0dB" will be shown.

Headphone output

This sets the headphone drive method.

- This is shown when the analog audio output is PHONES XLR or PHONES 4.4mm.



BALANCED

Balanced headphones are operated with differential drive. The negative and positive connectors operate with opposite polarities.

ACTIVE GROUND

The amp drives so that the negative connector of balanced headphones is 0 V.

Headphone gain

Use this to switch the headphone output gain.



HIGH

High gain will be used.

MIDDLE

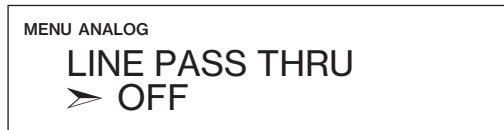
Medium gain will be used.

LOW

Low gain will be used.

Line pass through

This sets the RCA or XLR input source to be output without changing the line input volume.



OFF

No through inputs are set.

LINE RCA

LINE XLR

Signals are output without volume being adjusted by the unit.

ATTENTION

If inputs connected to a fixed-output device are selected, signals that are too strong could be output to the speakers, resulting in damage to them. Moreover, this could cause loud noises to be output from the headphones, which might harm hearing.

NOTE

The speakers connected to a power amplifier connected to this unit can be shared as the front speakers of the AV amplifier if the pre-out connectors (for example, FRONT L/R) of the AV amplifier are connected to this unit's RCA analog audio input connectors and LINE PASS THRU is set to LINE RCA. (The AV amplifier controls volume adjustment when the input source is set to "LINE RCA".)

Settings (continued)

DSP setting

Upconversion

Use this to set use of the upconversion circuit when receiving PCM signals.

- See page 11 for the relationships between input sampling frequencies and sampling frequencies after upconversion.



OFF

The input signal is sent as is to the D/A converter without being upconverted.

2x Fs

If the input audio signal is less than 2x a standard sampling frequency, it is upconverted 2x and then sent to the D/A converter.

4x Fs

If the input audio signal is less than 4x a standard sampling frequency, it is upconverted 4x and then sent to the D/A converter.

8x Fs

If the input audio signal is less than 8x a standard sampling frequency, it is upconverted 8x and then sent to the D/A converter.

NOTE

This can be set directly with the remote control UPCONVERT button.

Clock sync

- Clock sync is only possible when the input source is USB, COAXIAL, OPTICAL or Bluetooth.
The setting items are CLOCK USB, CLOCK COAXIAL, CLOCK OPTICAL and CLOCK Bluetooth.



OFF

No clock sync is used.

ON

This unit's master clock will be synchronized to the 10MHz clock input through the CLOCK sync input connector.

- When the input source is COAXIAL, OPTICAL or Bluetooth, select this when both this unit and the digital audio output device are synchronized with the same external clock.

DAC configs

This sets the D/A conversion.

Select the sound setting you prefer.

DELTA SIGMA Fs

This sets the $\Delta\Sigma$ modulator sampling frequency.



128x Fs

256x Fs

512x Fs

PCM DELTA SIGMA

This sets the $\Delta\Sigma$ modulator output format.



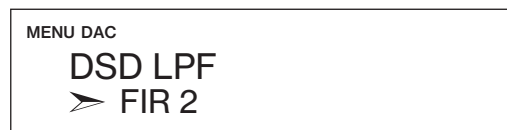
MULTI BIT

This outputs using multi level.

DSD (1 BIT)

This outputs using DSD format.

DSD low-pass filter



OFF

The low pass filter is disabled.

FIR 1

FIR low pass filter type 1

FIR 2

FIR low pass filter type 2

FIR 3

FIR low pass filter type 3

- FIR 1, FIR 2 and FIR 3 settings are only effective during DSD input and/or when PCM DELTA SIGMA is set to DSD (1 BIT).

Supported operating systems

This unit can be connected by USB and used with a computer running one of the following operating systems.

Operation with other operating systems cannot be assured (as of May, 2024).

When using Mac

macOS High Sierra (10.13)

macOS Mojave (10.14)

macOS Catalina (10.15)

macOS Big Sur (11)

macOS Monterey (12)

macOS Ventura (13)

macOS Sonoma (14)

When using Windows

Windows 10 (32/64-bit)

Windows 11 (64-bit)

Installing the driver

When using Mac

This unit can be operated with the standard OS driver, so there is no need to install a driver.

A dedicated driver must be installed on the computer, however, to use Bulk Pet.

When using Windows

To use this unit for playback of files on a computer, install the dedicated driver on the computer.

IMPORTANT NOTICE

You must install the dedicated driver software before connecting this unit with a computer using a USB cable.

If you connect the unit to the computer by USB before installing the driver, it will not function properly.

Depending on the composition of the computer hardware and software, operation might not be possible even with the above operating systems.

Installing the driver on a computer

Install the dedicated driver on the computer after downloading it from the following URL.

For details about installation and OS setting procedures, see the TEAC ASIO USB DRIVER Installation Guide included with the driver.

<https://teac.jp/int/product/ud-507/download>

Note about transmission modes

This unit can transfer data using Isochronous or Bulk Pet mode.

The sampling frequencies that can be transmitted are 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz and 384 kHz.

When properly connected, you will be able to select "TEAC USB AUDIO DEVICE" as the audio output for the operating system.

- Audio data sent from the computer will be processed using this unit's clock during data transmission, enabling reduction of jitter.

Downloading playback application TEAC HR Audio Player

You can download Mac and Windows versions of our free TEAC HR Audio Player application that supports playback of DSD files from the TEAC International Site.

https://teac.jp/int/product/hr_audio_player/download

TEAC HR Audio Player setting note

To play 22.5MHz DSD recordings with TEAC HR Audio Player, open the Configure window and set the "Decode mode" to "DSD Native."

To play formats other than 22.5MHz DSD, you can set this to either "DSD over PCM" or "DSD Native" as you like.

For details, see "Selecting the DSD decode mode" in the TEAC HR Audio Player Owner's Manual.

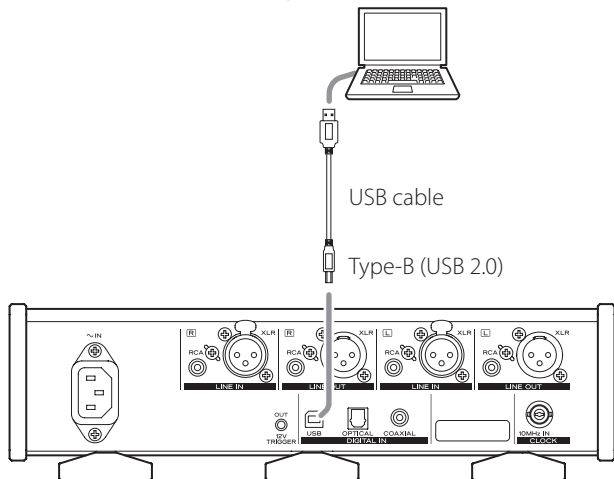
Playing back music on a computer (continued)

Playing back audio files from a computer

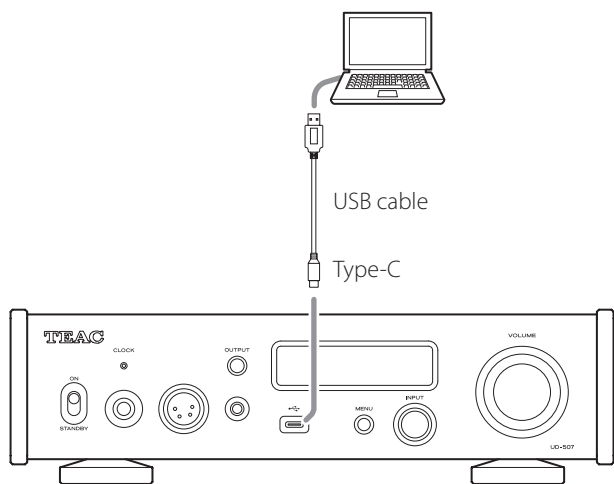
1 Use a USB cable to connect a computer to a USB port of this unit.

- Use a commercially-available cable with connectors that match the USB ports on this unit and the computer being used.

Connecting to the USB Type-B Port (USB) on the back



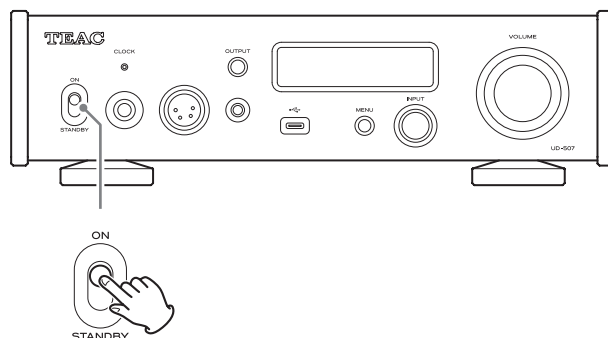
Connecting to the USB Type-C port (Type-C) on the front



2 Turn the computer on.

- Confirm that the operating system has started properly.

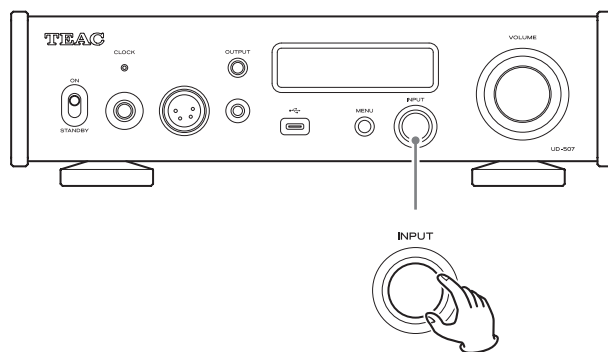
3 Shift the STANDBY/ON switch to its ON position to turn the unit on.



4 Turn the INPUT knob to select USB.

When using the USB Type-B Port (USB) on the back, select "USB R" (USB REAR).

When using the USB Type-C port (Type-C) on the front, select "USB F" (USB FRONT).



5 Start playback of an audio file on the computer.

Minimize the stereo amplifier volume before beginning playback. Then, gradually increase it.

When using headphones connected to this unit, turn the VOLUME knob counterclockwise to minimize the volume before putting them on. Then, gradually increase it.

- If USB volume control (page 23) is turned on, volume control of the computer and this unit can be synchronized.

- Do not do any of the following when playing back audio files over the USB connection. Doing so could cause the computer to malfunction. Always quit the audio playback software before conducting any of these operations.
 - Unplugging the USB cable
 - Putting the unit into standby
 - Changing the current input selection
- Computer operation sounds will also be transmitted when playing back audio files over the USB connection. To avoid outputting these sounds, make the necessary settings on your computer.
- If you start the audio playback software before connecting this unit with the computer or before setting the input to USB, audio files might not play back properly. If this occurs, restart the audio playback software or restart the computer.

If you experience a problem with the unit, please take a moment to review the following information before requesting service. If it still does not operate correctly, contact the retailer where you purchased the unit.

General

The unit does not turn on.

- ➔ Check that the power cord is completely plugged into the power outlet. If the outlet is switched, confirm that the switch is in the ON position.
- ➔ Connect a different electrical device to the outlet to confirm that it is supplying power.
- ➔ When the automatic power saving function has activated, putting the unit into standby, press the ON button on the remote control, or set the STANDBY/ON switch to STANDBY once and then back to ON.

Standby mode starts automatically.

- ➔ The automatic power saving function is operating to put the unit into standby. Press the ON button on the remote control, or set the STANDBY/ON switch to STANDBY once and then back to ON.
Change the automatic power saving setting if necessary (page 23).

Remote control does not work.

- ➔ Turn the main unit on (page 17).
- ➔ If the batteries are exhausted, replace both of them with new ones (page 13).
- ➔ The remote control will not work if there is an obstruction between it and the main unit. Point the remote control at the front panel of the unit from a distance of less than about 5 m (16 ft) (page 13).

A television set or another device operates in error.

- ➔ The use of this unit's remote control might cause some televisions and other devices with wireless remote control functions to operate incorrectly.

There is a humming noise.

- ➔ If a connecting cable is near a power cord, fluorescent light or similar cause of interference, increase the distance between them as much as possible.

Continued on the next page ➔

Troubleshooting (continued)

No sound is output.

- ➔ If a stereo amplifier is connected to this unit, adjust its volume.
- ➔ If you are using headphones connected to this unit, use the VOLUME knob to adjust the volume.
- ➔ Use the INPUT knob to select the input that is connected to the source that you want to hear.
- ➔ Press the OUTPUT button to select the connectors that output analog audio.
- ➔ Reconfirm the connections with other equipment.
- ➔ When LINE OUT LEVEL is set to OFF, nothing will be output from the analog audio output (LINE OUT) connectors (page 24).
- ➔ This unit can only play two-channel audio signals. For details about signal formats, see the input signal formats indicated in the specifications.

Volume cannot be adjusted.

- ➔ When LINE OUT LEVEL is not set to VARIABLE, the volume cannot be adjusted for output from the analog audio output (LINE OUT) connectors (page 24).
- ➔ The input source (LINE RCA or LINE XLR) selected for LINE PASS THRU will be output without volume adjustment (page 25).

There is no sound from one side of the headphones.

- ➔ Confirm that the headphones plug is inserted completely.

Clock sync

The CLOCK indicator does not stop blinking.

- ➔ Set clock synchronization to OFF when not using it.
- ➔ A clock signal to which the unit cannot synchronize might be being input. Check the connections of the clock sync connectors and the settings of the connected device.

Connections with a computer

Computer does not recognize this unit.

- ➔ See page 27 for information about supported operating systems. Operation with unsupported operating systems is not guaranteed.

Noise occurs.

- ➔ Starting other applications during playback of an audio file may interrupt playback or cause noise. Do not start other applications during playback.
- ➔ When the unit is connected to a computer via a USB hub, for example, noise might be heard. If this occurs, connect the unit directly to the computer.

Audio files cannot be played back.

- ➔ Connect this unit to the computer, and set this unit's input to USB before starting audio playback software and audio file playback.
If you connect this unit to the computer or set its input to USB after launching audio playback software, audio files might not play back properly.

Playback stopped working.

- ➔ Check the audio output device setting of the operating system. Try deleting the driver and reinstalling it. For details, see the TEAC ASIO USB DRIVER Installation Guide included with the driver.

Bluetooth connection

Cannot show device name.

- ➔ This unit does not support the display of symbols or double-byte characters, including Japanese and Chinese. Use only English letters and numbers for the names of Bluetooth devices connected to this unit.

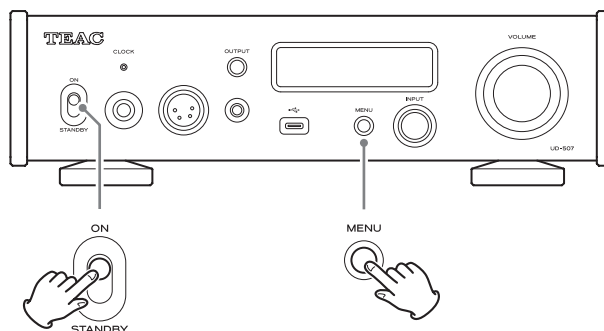
Sound is not output, or the volume is low.

- ➔ Confirm that the volume is turned up on the other Bluetooth device. If the volume of the audio being output is not turned up, no sound might be output from this unit.

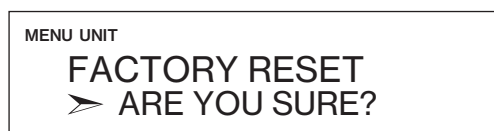
Since this unit uses a microcontroller, external noise and other interference can cause the unit to malfunction. If this occurs, unplug the power cord, wait for a while, and then turn the unit on again and restart operations.

Restoring default settings

- 1 While pressing and holding the MENU button, set the STANDBY/ON switch to ON.**



- 2 Release the MENU button when the FACTORY RESET menu appears.**



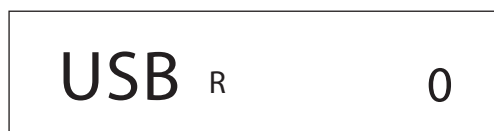
- 3 Press the INPUT knob.**

Resetting begins when "PLEASE WAIT!" appears.



The playback source screen will appear after resetting completes.

Display example



ATTENTION

- Do not put the unit in standby until the playback source screen appears.
 - This operation will restore all settings to their default values.
-
- The factory default settings are the setting values shown in the screen images used in the explanations in this manual.

Specifications

Analog audio outputs

Connectors	XLR connectors × 1 pair (L/R) RCA connectors × 1 pair (L/R)
Output impedance	XLR: 220 Ω RCA: 180 Ω
Maximum output level (1 kHz/full-scale, into 10 kΩ)	
FIXED 0dB	XLR/RCA: 2.0 Vrms
FIXED +6dB	XLR/RCA: 4.0 Vrms
VARIABLE	XLR: 12 Vrms RCA: 6 Vrms
Frequency response*	5 Hz – 80 kHz (+1 dB/–6 dB)
S/N ratio*	108 dB (A-Weight, 1 kHz)
Distortion*	0.002% (1 kHz, LPF: 20 Hz – 20 kHz)
*Measurement conditions	
Input signal: 11.2MHz DSD	
Measurement output: RCA	
DSD low-pass filter: FIR 1	

Headphone outputs

Connectors	standard 6.3mm (1/4") stereo jack × 1 4-pin XLR connector × 1 4.4mm 5-pole stereo jack × 1
Maximum effective output	
UNBALANCED	500 mW + 500 mW (into 32 Ω)
BALANCED	700 mW + 700 mW (into 32 Ω)
Applicable load impedance	16–600 Ω

Analog audio inputs

Connectors	XLR connectors × 1 pair (L/R) RCA connectors × 1 pair (L/R)
Input impedance	XLR: 50 kΩ RCA: 25 kΩ
Maximum input level	XLR: 5 Vrms RCA: 2.5 Vrms

Digital audio inputs

USB	
USB Type-B port	1 (USB2.0)
USB Type-C port	1 (USB 2.0)
Input signal formats	
Linear PCM	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz 16-bit, 24-bit, 32-bit
DSD	2.8 MHz, 5.6 MHz, 11.2 MHz, 22.5 MHz
COAXIAL digital	2
Input level	0.5 Vpp
Input impedance	75 Ω
Input signal formats	
Linear PCM	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz 16-bit, 24-bit
DSD	2.8 MHz (supported using 176.4kHz/24-bit DoP transmission)
OPTICAL digital	2
Input level	–24.0 dBm to –14.5 dBm peak
Input signal formats	
Linear PCM	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz 16-bit, 24-bit
DSD	2.8 MHz (supported using 176.4kHz/24-bit DoP transmission)

Bluetooth function

Bluetooth version	4.2
Output class	Class 2 (transmission distance without obstructions** 10 m)
Supported profiles	A2DP, AVRCP
Supported A2DP codecs	LDAC, LHDC, Qualcomm® aptX™ HD audio, Qualcomm® aptX™ audio, AAC, SBC
Supported A2DP content protection	SCMS-T
Maximum number of stored pairings	8
Maximum number of multipoint connections	2

**The transmission distance is approximate. The transmission distance could vary depending on the surrounding environment and electromagnetic waves.

Clock sync input

Connector.....	BNC
Input sampling frequency	10 MHz
Input impedance	50 Ω
Input level.....	rectangle wave: equivalent to TTL levels sine wave: 0.5 to 1.0 Vrms

External control

Trigger output (12V TRIGGER OUT).....	1 (3.5mm mono mini jack)
Output level.....	12 V
Maximum current supply.....	100 mA

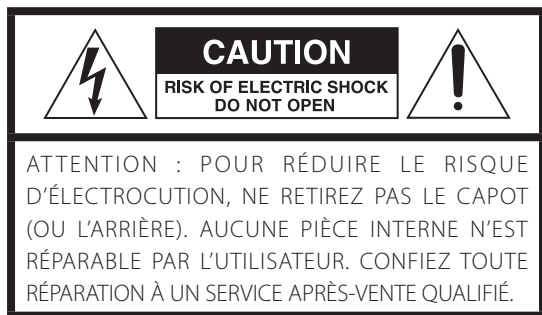
General

Power supply	
Model for Europe.....	AC 220–230 V, 50/60 Hz
Model for U.S.A./Canada.....	AC 120 V, 60 Hz
Power consumption.....	18 W
Standby power	0.4 W (in standby mode)
External dimensions (W × H × D, including protrusions)	
	290 × 85 × 249 mm (11 1/2" × 3 3/8" × 9 7/8")
Weight	4.9 kg (10 7/8 lb)
Operating temperature range	+5°C to +35°C
Operating humidity range	5% to 85% (no condensation)
Storage temperature range	–20°C to +55°C

Included accessories

- Power cord × 1
- Remote control (RC-1341) × 1
- Batteries for remote control (AAA) × 2
- Foot pads × 3
- Owner's manual (this document, including warranty) × 1
- For information about the warranty, users living in the USA and Canada should see pages 40–41 and the back cover (warranty document). Users living in Europe and other regions should see page 41.
- Specifications and appearance are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations in this owner's manual might differ slightly from production models.

INSTRUCTIONS DE SÉCURITÉ IMPORTANTES



Le symbole d'éclair à tête de flèche dans un triangle équilatéral sert à prévenir l'utilisateur de la présence dans l'enceinte du produit d'une « tension dangereuse » non isolée d'une grandeur suffisante pour constituer un risque d'électrocution pour les personnes.



Le point d'exclamation dans un triangle équilatéral sert à prévenir l'utilisateur de la présence d'instructions importantes de fonctionnement et de maintenance (entretien) dans les documents accompagnant l'appareil.

AVERTISSEMENT : POUR PRÉVENIR LES RISQUES D'INCENDIE ET D'ÉLECTROCUTION, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE NI À L'HUMIDITÉ.

ATTENTION

- NE RETIREZ PAS LES CAPOTS EXTERNES OU BOÎTIERS POUR EXPOSER L'ÉLECTRONIQUE. AUCUNE PIÈCE INTERNE N'EST RÉPARABLE PAR L'UTILISATEUR.
 - SI VOUS RENCONTREZ DES PROBLÈMES AVEC CE PRODUIT, CONTACTEZ LE MAGASIN OÙ VOUS AVEZ ACHETÉ L'UNITÉ. N'UTILISEZ PAS LE PRODUIT TANT QU'IL N'A PAS ÉTÉ RÉPARÉ.
 - L'UTILISATION DE COMMANDES, DE RÉGLAGES OU LE SUIVI DE PROCÉDURES AUTRES QUE CE QUI EST DÉCRIT DANS CE DOCUMENT PEUT PROVOQUER UNE EXPOSITION À UN RAYONNEMENT DANGEREUX.
- 1) Lisez ces instructions.
 - 2) Conservez ces instructions.
 - 3) Tenez compte de tous les avertissements.
 - 4) Suivez toutes les instructions.
 - 5) N'utilisez pas cet appareil avec de l'eau à proximité.
 - 6) Ne nettoyez l'appareil qu'avec un chiffon sec.
 - 7) Ne bloquez aucune ouverture de ventilation. Installez-le conformément aux instructions du fabricant.
 - 8) N'installez pas l'appareil près de sources de chaleur telles que des radiateurs, bouches de chauffage, poêles ou autres appareils (y compris des amplificateurs) dégageant de la chaleur.
 - 9) Ne neutralisez pas la fonction de sécurité de la fiche polarisée ou de terre. Une fiche polarisée a deux broches, l'une plus large que l'autre. Une fiche de terre a deux broches identiques et une troisième broche pour la mise à la terre. La broche plus large ou la troisième broche servent à votre sécurité. Si la fiche fournie n'entre pas dans votre prise, consultez un électricien pour le remplacement de la prise obsolète.

10) Évitez de marcher sur le cordon d'alimentation et de le pincer, en particulier au niveau des fiches, des prises secteur, et du point de sortie de l'appareil.

11) N'utilisez que des fixations/accessoires spécifiés par le fabricant.

12) Utilisez-le uniquement avec des chariots, socles, trépieds, supports ou tables spécifiés par le fabricant ou vendus avec l'appareil. Si un chariot est utilisé, faites attention à ne pas être blessé par un renversement lors du déplacement de l'ensemble chariot/appareil.



13) Débranchez cet appareil en cas d'orage ou de non utilisation prolongée.

14) Confiez toute réparation à des techniciens de maintenance qualifiés. Une réparation est nécessaire si l'appareil a été endommagé d'une quelconque façon, par exemple si le cordon ou la fiche d'alimentation est endommagé, si du liquide a été renversé sur l'appareil ou si des objets sont tombés dedans, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement, ou s'il est tombé.

- L'appareil tire un courant nominal de veille de la prise secteur quand son interrupteur POWER ou STANDBY/ON n'est pas en position ON.
- La fiche secteur est utilisée comme dispositif de déconnexion et doit donc toujours rester disponible.
- Des précautions doivent être prises en cas d'utilisation d'écouteurs ou d'un casque avec le produit car une pression sonore excessive (volume trop fort) dans les écouteurs ou dans le casque peut causer une perte auditive.

ATTENTION

- N'exposez pas cet appareil aux gouttes ni aux éclaboussures.
- Ne placez pas d'objet rempli de liquide sur l'appareil, comme par exemple un vase.
- Les pièces en forme de poignée sur les côtés gauche et droit de la face avant sont décoratives. N'y passez pas vos doigts et ne les utilisez pas pour porter l'unité.
- N'installez pas cet appareil dans un espace confiné comme une bibliothèque ou un meuble similaire.
- L'appareil doit être placé suffisamment près de la prise de courant pour que vous puissiez à tout moment attraper facilement la fiche du cordon d'alimentation.
- Si le produit utilise des piles/batteries (y compris un pack de batteries ou des piles installées), elles ne doivent pas être exposées au soleil, au feu ou à une chaleur excessive.
- PRÉCAUTION pour les produits qui utilisent des batteries remplaçables au lithium : remplacer une batterie par un modèle incorrect entraîne un risque d'explosion. Remplacez-les uniquement par un type identique ou équivalent.

AVERTISSEMENT

Les produits ayant une construction de Classe I sont équipés d'un cordon d'alimentation avec une fiche de terre. Le cordon d'un tel produit doit être branché dans une prise secteur avec terre de sécurité.

AUX USA/CANADA, UTILISEZ UNIQUEMENT UNE TENSION D'ALIMENTATION DE 120 V.

⚠ Précautions concernant les piles

Un mauvais emploi des piles peut entraîner leur rupture ou leur fuite, avec pour conséquence un incendie, des blessures ou la salissure des objets proches. Veuillez lire et suivre attentivement les précautions suivantes.



- Veillez à insérer les piles avec leurs pôles positif (+) et négatif (-) correctement orientés.
- Utilisez des piles du même type. N'utilisez jamais des types de pile différents ensemble.
- Si la télécommande doit rester inutilisée durant une période prolongée (plus d'un mois), retirez ses piles pour éviter qu'elles ne coulent.
- Si les piles coulent, essuyez le liquide dans le compartiment des piles et remplacez les piles par des neuves.
- N'utilisez pas de piles d'un type autre que celui spécifié. Ne mélangez pas des piles neuves avec des anciennes et n'utilisez pas ensemble des types de pile différents.
- Ne chauffez pas et ne démontez pas les piles. Ne jetez jamais les piles dans un feu ou dans de l'eau.
- Ne conservez et ne transportez pas les piles avec d'autres objets métalliques. Les piles pourraient entrer en court-circuit, couler ou exploser.
- Ne rechargez jamais une batterie sans avoir vérifié qu'elle peut l'être.
- N'exposez pas les piles à une pression d'air extrêmement basse car cela pourrait entraîner une explosion ou une fuite de liquides ou de gaz inflammables.

Modèle pour le Canada

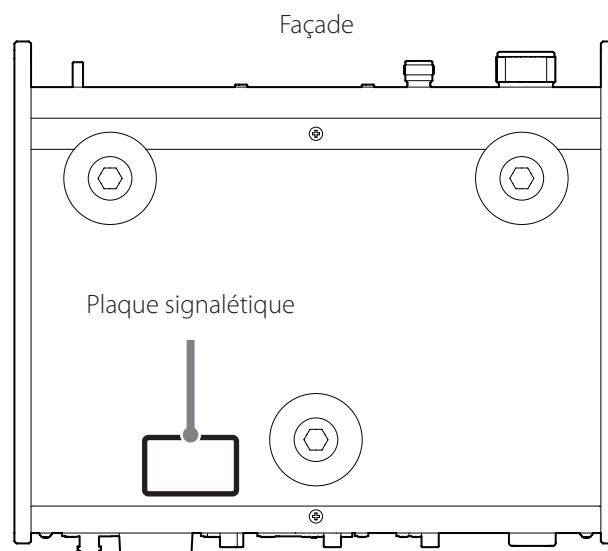
CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA

Pour les consommateurs européens

Mise au rebut des équipements électriques et électroniques et des piles et/ou accumulateurs

- Tout équipement électrique/électronique et pile/accumulateur hors d'usage doit être traité séparément de la collecte municipale d'ordures ménagères dans des points de collecte désignés par le gouvernement ou les autorités locales.
- En vous débarrassant correctement des équipements électriques/électroniques et piles/accumulateurs hors d'usage, vous contribuerez à la sauvegarde de précieuses ressources et à la prévention de potentiels effets négatifs sur la santé humaine et l'environnement.
- Le traitement incorrect des équipements électriques/électroniques et piles/accumulateurs hors d'usage peut avoir des effets graves sur l'environnement et la santé humaine en raison de la présence de substances dangereuses dans les équipements.
- Le symbole de déchets d'équipements électriques et électroniques (DEEE), qui représente une poubelle à roulettes barrée d'une croix, indique que les équipements électriques/électroniques et piles/accumulateurs doivent être collectés et traités séparément des déchets ménagers.

Si une pile ou un accumulateur contient plus que les valeurs de plomb (Pb), mercure (Hg) et/ou cadmium (Cd) spécifiées dans la directive sur les piles et accumulateurs (2006/66/CE, 2013/56/UE), alors les symboles chimiques de ces éléments seront indiqués sous le symbole DEEE. 
Pb, Hg, Cd
- Des systèmes de retour et de collecte sont disponibles pour l'utilisateur final. Pour des informations plus détaillées sur la mise au rebut des vieux équipements électriques/électroniques et piles/accumulateurs hors d'usage, veuillez contacter votre mairie, le service d'ordures ménagères ou le magasin dans lequel vous avez acquis l'équipement.

La plaque signalétique se trouve sous l'unité comme représenté ci-dessous.



INSTRUCTIONS DE SÉCURITÉ IMPORTANTES (suite)

Conformité de l'émetteur radio et brouillage

Ce produit fait fonction d'émetteur large bande sur la bande des 2,4 GHz.

Plage de fréquences utilisée : 2402 MHz – 2480 MHz

Puissance maximale de sortie : Bluetooth® classe 2 (moins de 2,5 mW)

Veuillez n'utiliser cet appareil que dans le pays où il a été acheté.

Selon le pays, des restrictions d'usage de la technologie sans fil Bluetooth peuvent exister.

Modèle pour le Canada

Conformité de l'émetteur radio

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.

Étiquetage d'autorisation

IC : 1559C-UD507

Modèle pour l'EEE (Espace Économique Européen)



Par la présente, TEAC Corporation déclare que cet équipement radio est en conformité avec la directive 2014/53/UE ainsi qu'avec les autres directives et règlements de la Commission.

Le texte intégral de la déclaration de conformité pour l'UE est disponible à l'adresse internet suivante : veuillez nous contacter par e-mail.

<https://teacsupport.aqipa.com/>

Exigences pour l'exposition aux rayonnements

Cet équipement est conforme à la réglementation reconnue internationalement en matière d'exposition humaine aux ondes radio générées par l'émetteur.

Déclaration de conformité

Modèle pour le Canada

Cet équipement est conforme aux limites d'exposition humaine aux radiofréquences établies par IC pour un environnement non contrôlé et répond au CNR-102 des règles d'exposition aux radiofréquences (RF) d'IC.

Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée.

Cependant, cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

Modèle pour l'EEE (Espace Économique Européen)

Cet équipement est conforme à la norme EN.62479 : Évaluation des équipements électroniques et électriques en relation avec les restrictions d'exposition humaine aux champs électromagnétiques ; la norme harmonisée de la Directive 2014/53/UE.

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INSTRUCCIONES IMPORTANTES DE SEGURIDAD



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



PRECAUCIÓN: PARA REDUCIR EL RIESGO DE DESCARGA ELÉCTRICA, NO quite la cubierta (ni el panel posterior). No hay piezas internas que el usuario pueda reparar. Para reparaciones, remítase a un servicio técnico cualificado.



El símbolo del rayo acabado en flecha dentro de un triángulo equilátero alerta al usuario de la presencia de un "voltaje peligroso" sin aislar dentro de la carcasa del producto que puede ser de magnitud suficiente como para constituir riesgo de descarga eléctrica para las personas.



El signo de exclamación dentro de un triángulo equilátero alerta al usuario de la presencia de importantes instrucciones de funcionamiento y mantenimiento en la literatura que acompaña al aparato.

AVISO: PARA EVITAR RIESGO DE INCENDIO O DESCARGAS ELÉCTRICAS, NO EXPONGA ESTE APARATO A LA LLUVIA NI A LA HUMEDAD.

PRECAUCIÓN

- NO quite las carcasas externas ni deje al aire la electrónica. ¡EN EL INTERIOR NO HAY PIEZAS QUE EL USUARIO PUEDA MANIPULAR!
- SI EXPERIMENTA PROBLEMAS CON ESTE PRODUCTO, PÓNGASE EN CONTACTO CON EL ESTABLECIMIENTO DONDE ADQUIRIÓ LA UNIDAD PARA SOLICITAR SERVICIO TÉCNICO. NO UTILICE EL APARATO HASTA QUE HAYA SIDO REPARADO.
- EL USO DE CONTROLES, AJUSTES O PROCEDIMIENTOS QUE NO SEAN LOS ESPECIFICADOS EN ESTE MANUAL PUEDE CAUSAR EXPOSICIÓN A RADIACIONES PELIGROSAS.

- 1) Lea estas instrucciones.
- 2) Conserve estas instrucciones.
- 3) Cumpla con lo indicado en los avisos.
- 4) Siga todas las instrucciones.
- 5) No utilice este aparato cerca del agua.
- 6) Límpielo solo con un trapo seco.
- 7) No bloquee ninguna de las ranuras de ventilación. Instale este aparato de acuerdo con las instrucciones del fabricante.
- 8) No instale este aparato cerca de fuentes de calor como radiadores, calentadores, hornos u otros aparatos (incluyendo amplificadores) que produzcan calor.
- 9) No elimine el sistema de seguridad que supone el enchufe polarizado o con toma de tierra. Un enchufe polarizado tiene dos bornes, uno más ancho que el otro. Uno con toma de tierra tiene dos bornes iguales y una tercera lámina para la conexión a tierra. El borne ancho o la lámina se incluyen para su seguridad. Si el enchufe que venga con la unidad no encaja en su salida de corriente, haga que un electricista cambie su salida anticuada.
- 10) Evite que el cable de corriente quede de forma que pueda ser pisado o quedar retorcido o aplastado, especialmente en los enchufes, receptáculos o en el punto en el que salen del aparato.
- 11) Use solo accesorios / complementos especificados por el fabricante.

- 12) Utilice este aparato solo con un soporte, trípode o bastidor especificado por el fabricante o que se venda con el propio aparato. Cuando utilice un bastidor con ruedas, tenga cuidado al mover la combinación de aparato/bastidor para evitar que vuelque y puedan producirse daños.



- 13) Desconecte este aparato de la corriente durante las tormentas eléctricas o cuando no lo vaya a usar durante un periodo de tiempo largo.
- 14) Dirija cualquier posible reparación solo al servicio técnico oficial. Este aparato deberá ser reparado si se ha dañado de alguna forma, como por ejemplo si el cable de corriente o el enchufe están rotos, si ha sido derramado algún líquido sobre la unidad o algún objeto ha sido introducido en ella, si ha quedado expuesto a la lluvia o la humedad, si no funciona normalmente o si ha caído al suelo en algún momento.

- Este aparato libera corriente nominal no válida para el funcionamiento a través de la toma de corriente, aún cuando el interruptor de encendido y activación (POWER o STANDBY/ON) no esté en la posición de encendido (ON).
- El enchufe que se conecta a la red es el dispositivo de desconexión, por lo que deberá permanecer siempre en perfecto estado de uso.
- Deberá llevar cuidado si utiliza auriculares con este producto, ya que una excesiva presión sonora (volumen) procedente de los mismos puede causar pérdidas de audición.

PRECAUCIÓN

- No exponga este aparato a salpicaduras ni goteras.
 - No coloque objetos que contengan líquidos, como por ejemplo jarrones, sobre el aparato.
 - Las piezas con forma de asa de los lados izquierdo y derecho del panel frontal son decorativas. No meta los dedos por ellas ni las utilice para transportar la unidad.
 - No instale este aparato en lugares cerrados tales como estanterías o similares.
 - Este aparato debe situarse lo suficientemente cerca de una toma de electricidad como para poder alcanzar fácilmente el cable de corriente en cualquier momento.
 - Si el producto utiliza pilas (esto incluye las pilas instaladas y los "packs" de pilas), se evitará su exposición directa al sol, al fuego o a cualquier otra fuente de calor excesivo.
 - PRECAUCIÓN con los productos que emplean baterías de litio reemplazables: existe peligro de explosión si la batería se reemplaza por otra de tipo incorrecto. Reemplácela sólo por otra igual o de tipo equivalente.

AVISO

Los productos con construcción de Clase I están equipados con un cable de alimentación que tiene conexión de tierra. El cable de estos productos deberá conectarse a una toma de corriente que tenga conexión de protección de tierra.

EN EE. UU./CANADÁ, UTILICE SOLO ALIMENTACIÓN CON CORRIENTE DE 120 V.

⚠ Precauciones con respecto a las pilas

Un mal uso de las pilas puede hacer que se rompan o que tengan fugas y ello causar fuego, lesiones u oxidación en los objetos cercanos. Por favor, lea y observe las siguientes precauciones cuidadosamente.

- Asegúrese de introducir las pilas siempre con la correcta orientación de los polos positivo (+) y negativo (-).
- Use pilas del mismo tipo. Nunca utilice juntas pilas de tipos diferentes.
- Si no va a utilizar el mando a distancia durante mucho tiempo (más de un mes), quite las pilas para evitar que se sulfaten y tengan fugas.
- Si las pilas presentan fugas, limpie el líquido que haya caído en el compartimento y sustituya las pilas por otras nuevas.
- No utilice pilas que no sean del tipo especificado. No mezcle pilas nuevas con viejas ni utilice juntas pilas de tipos distintos.
- No caliente ni desarme las pilas. Nunca tire pilas al fuego ni al agua.
- No transporte ni almacene pilas con otros objetos metálicos. Las pilas podrían producir cortocircuitos, perder líquido o explotar.
- Nunca recargue una pila si no está completamente seguro de que es una pila recargable.
- No exponga las pilas a una presión atmosférica extremadamente baja, ya que esto podría causar una explosión o fuga de líquidos o gases inflamables.

Para consumidores europeos

Deshacerse de aparatos eléctricos, electrónicos, pilas/baterías y acumuladores

- Todos los aparatos eléctricos y electrónicos, y pilas/baterías y acumuladores gastados, deben ser eliminados separados del resto de basura común y únicamente en los "puntos limpios" o bajo los procedimientos especificados por el gobierno o autoridades municipales locales.
- Con la eliminación correcta de los equipos eléctricos y electrónicos, y de pilas/baterías y acumuladores gastados, estará ayudando a conservar recursos muy valiosos y a evitar los posibles efectos negativos en la salud humana y en el medio ambiente.
- La eliminación incorrecta de los equipos eléctricos y electrónicos, y pilas/baterías y acumuladores, puede producir efectos muy dañinos en el medio ambiente y en la salud humana a causa de las sustancias peligrosas que pueden encontrarse en estos equipos.

- El símbolo de Eliminación de Aparatos Eléctricos y Electrónicos (WEEE en inglés), identificado por cubos de basura con ruedas tachados, indican que los equipos eléctricos y electrónicos, y las pilas/baterías y acumuladores, deben ser eliminados de forma totalmente independiente con respecto a la basura doméstica.

Si una pila/batería o un acumulador contienen más cantidad de los valores especificados de plomo (Pb), mercurio (Hg), y/o cadmio (Cd) según está definido en la Directiva relativa a las pilas (2006/66/CE, 2013/56/UE), entonces los símbolos químicos correspondientes a estos elementos estarán indicados debajo del símbolo WEEE.

- Existen sistemas para la eliminación y recogida a disposición del usuario final. Si necesita más información sobre cómo deshacerse de aparatos eléctricos y electrónicos antiguos, así como de pilas/baterías y acumuladores, póngase en contacto con su ayuntamiento, con la correspondiente empresa del servicio de recogida de residuos o con el establecimiento donde adquirió ese aparato.

Modelo para EE.UU.

Declaración de conformidad del suministrador

Número de modelo: UD-507

Marca comercial: TEAC

Parte responsable: 11 Trading Company, LLC

Dirección: 3502 Woodview Trace #200 Indianapolis, IN 46268 U.S.A.

URL: <https://11tradingcompany.com/contact-us/>

Este dispositivo cumple con el apartado 15 de las Normas de la FCC. Su funcionamiento está sujeto a las dos siguientes condiciones: (1) este dispositivo no puede causar interferencias perjudiciales y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluidas interferencias que puedan causar anomalías de funcionamiento.

Información

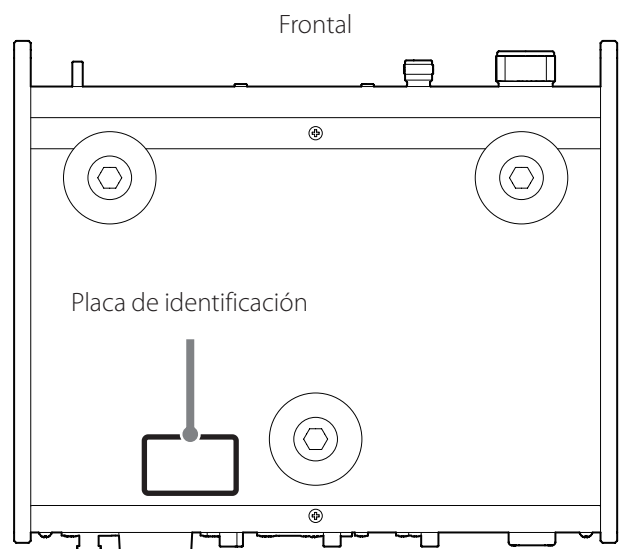
Se ha comprobado que este equipo cumple con los límites establecidos para los dispositivos digitales de Clase B, de acuerdo con el apartado 15 de las Normas de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra interferencias perjudiciales en instalaciones residenciales. Este equipo genera, utiliza y puede irradiar energía de radiofrecuencia y, si no se instala y se utiliza de acuerdo con las instrucciones, puede causar interferencias perjudiciales en las comunicaciones por radio. Sin embargo, no se puede garantizar que dichas interferencias no se produzcan en instalaciones particulares. Si este equipo causa interferencias perjudiciales en la recepción de radio o televisión, que se comprueban apagando y encendiendo el equipo, se recomienda al usuario que intente corregirla mediante una o varias de las siguientes medidas:

- Reoriente o recolocque el equipo y/o la antena receptora.
- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo a una toma de electricidad situada en un circuito eléctrico diferente al del receptor.
- Consulte al distribuidor o solicite ayuda a un técnico de radio/TV con experiencia.

PRECAUCIÓN

Cualquier cambio o modificación efectuada en este equipo que no haya sido expresamente aprobada por la parte responsable del cumplimiento de los requisitos exigidos podría invalidar el derecho del usuario a utilizar el equipo.

La placa de identificación está situada en la parte inferior de la unidad como muestra la ilustración.



INSTRUCCIONES IMPORTANTES DE SEGURIDAD (continuación)

Cumplimiento de las normas de interferencias y transmisión de radio

La función de transmisor de banda ancha de este producto opera en la banda de los 2,4 GHz.

Rango de frecuencia de uso: 2402 MHz – 2480 MHz

Potencia de salida máxima: Bluetooth® clase 2 (inferior a 2,5 mW).

Por favor, utilice el producto solamente en el país donde lo adquirió. Dependiendo del país, podrían existir restricciones para el uso de la tecnología inalámbrica Bluetooth.

Modelo para EE. UU.

Etiquetado de autorización

ID de la FCC: XEG-UD507

Modelo para el Espacio Económico Europeo (EEE)



Por la presente comunicación, TEAC Corporation declara que este tipo de equipo de radio cumple con los requisitos de la Directiva 2014/53/UE, y de las restantes directivas de la Unión Europea y reglamentos de la Comisión.

El texto completo de la declaración de conformidad con la normativa de la UE está disponible en la siguiente dirección de Internet (por favor, utilice el correo electrónico para ponerse en contacto con nosotros):

<https://teacsupport.aqipa.com/>

Requerimientos acerca de la exposición a radiaciones

Este equipo cumple con la regulación internacionalmente reconocida para los casos de exposición humana a ondas de radio generadas por un transmisor.

Declaración de cumplimiento

Modelo para EE. UU.

Este equipo cumple con los límites de exposición a radiaciones establecidos por la FCC para entornos no controlados y con las directrices de exposición a radiofrecuencia (RF) de la FCC. Este equipo tiene unos niveles muy bajos de energía de RF, por lo que se estima que cumple con la normativa sin necesidad de efectuar una evaluación de exposición al máximo permitido (MPE). No obstante, lo mejor es instalarlo y utilizarlo manteniendo el radiador al menos a 20 cm o más de distancia del cuerpo de cualquier persona (excluidas extremidades: manos, muñecas, pies y tobillos).

Modelo para el Espacio Económico Europeo (EEE)

Este equipo cumple con la valoración EN.62479 de equipos electrónicos y eléctricos relativa a las restricciones de exposición humana a campos electromagnéticos, el estándar armonizado de la DIRECTIVA 2014/53/UE.

ES

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WARRANTY/GARANTIE/GARANTÍA

Warranty provisions (United States and Canada only)

Length of Warranty

The parts and labor warranty will be effective for one (1) year from the date of the original purchase for products not used for commercial purposes. For products used commercially, the warranty is ninety (90) days for magnetic heads and optical pickups, one (1) year for all other parts and ninety (90) days for labor.

Who Is Covered Under This Warranty

This warranty is valid only in the United States or Canada, dependent upon the country in which original purchase was made, and enforceable only by the original purchaser within the country in which the purchase was made.

This warranty is not valid if the product was purchased through an unauthorized dealer.

What Is Not Covered Under This Warranty

- Damage to or deterioration of the external cabinet.
- Damage resulting from accident, misuse, abuse, or neglect.
- Damage resulting from failure to follow instructions contained in the products owners' manual or otherwise provided with the product.
- Damage occurring during shipment of the product (Claims must be presented to the carrier).
- Damage resulting from the repair or attempted repair by anyone other than TEAC or an authorized TEAC service station.
- Damage resulting from modification or attempted modification of product not authorized by TEAC.
- Damage resulting from causes other than product defects, including lack of technical skills, competence, or experience of the user.
- Damage to any unit that has been altered or which the serial number has been defaced, modified or removed.

What TEAC Will Pay For

TEAC will pay all labor and material expenses for items covered by the warranty. Payment of shipping charges is covered in the next section.

How To Obtain Warranty Service

Your unit must be serviced by an authorized TEAC service station within the country in which the product was purchased. If you are unable to locate an authorized service station in your area, please contact TEAC at the applicable address shown at the end of this warranty statement. PLEASE DO NOT RETURN YOUR UNIT TO TEAC WITHOUT OUR PRIOR AUTHORIZATION. You must pay shipping charges if it is necessary to ship the product for service. However, if the necessary repairs are covered by warranty, we will pay the return shipping charges to any destination within the country in which the product was purchased. Whenever warranty service is required, you must present the original dated sales receipt, or other proof indicating the purchase place and date, as proof of warranty coverage.

LIMITATION OF IMPLIED WARRANTIES

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

EXCLUSION OF DAMAGES

TEAC'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT, AT TEAC'S OPTION. TEAC SHALL NOT BE LIABLE FOR DAMAGE BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, INTERRUPTED OPERATION, COMMERCIAL LOSS OR LOST PROFITS, OR ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR OTHERWISE.

SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND MAY VARY FROM SOME OF THE RIGHTS PROVIDED BY LAW. THESE RIGHTS MAY VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Conditions de garantie (États-Unis et Canada uniquement)

Durée de la garantie

La garantie pièces et main d'oeuvre sera valable un (1) an à compter de la date d'achat initial des produits non utilisés dans un but commercial. Pour les produits à utilisation commerciale, la garantie des têtes magnétiques et capteurs optiques est de quatre-vingt dix (90) jours, elle est d'un (1) an pour les autres pièces et quatre-vingt dix (90) jours pour la main d'oeuvre.

Bénéficiaire de la garantie

Cette garantie n'est valable qu'aux États-Unis et au Canada, selon le pays d'achat initial, et ne s'applique qu'à l'acquéreur initial dans le pays d'achat. Cette garantie n'est pas valable si le produit a été acheté auprès d'un revendeur non autorisé.

Ce qui n'est pas couvert par cette garantie

- Les dommages ou détériorations du boîtier externe.
- Les dommages résultant d'un accident, d'une mauvaise utilisation, d'un abus ou d'une négligence.
- Les dommages résultant du non-respect des instructions contenues dans le mode d'emploi du produit ou fournies avec le produit.
- Les dommages survenus durant le transport du produit (les réclamations doivent être adressées au transporteur).
- Les dommages résultant d'une réparation ou tentative de réparation effectuée par toute personne extérieure au service après-vente TEAC ou agréé par TEAC.
- Les dommages résultant d'une modification ou tentative de modification de produit non autorisée par TEAC.

- Les dommages résultant de causes autres que des défauts de produit, y compris le manque d'aptitude technique, de compétence ou d'expérience de l'utilisateur.
- Les dommages de toute unité ayant été modifiée ou dont le numéro de série a été effacé, modifié ou retiré.

Frais pris en charge par TEAC

TEAC prendra en charge tous les frais de pièces et main d'oeuvre pour les articles couverts par la garantie. Les frais d'expédition sont évoqués dans la section suivante.

Comment obtenir une intervention sous garantie

Votre unité doit être réparée par un service après-vente agréé par TEAC dans le pays d'achat du produit. Si vous ne trouvez pas de service après-vente agréé dans votre région, veuillez contacter TEAC à l'adresse appropriée donnée à la fin de cette garantie. VEUILLEZ NE PAS RENVOYER VOTRE UNITÉ CHEZ TEAC SANS NOTRE AUTORISATION PRÉALABLE. Si le produit doit être renvoyé pour réparation, les frais d'expédition sont à votre charge. Toutefois, si les réparations nécessaires sont couvertes par la garantie, nous prendrons à notre charge les frais de retour vers toute destination dans le pays d'achat du produit. Lorsqu'une réparation sous garantie est requise, vous devez présenter comme preuve de couverture par la garantie la facture d'achat originale datée ou une autre preuve d'achat mentionnant le lieu et la date d'achat.

LIMITATION DES GARANTIES IMPLICITES

TOUTES LES GARANTIES IMPLICITES, Y COMPRIS LES GARANTIES DE QUALITÉ MARCHANDE ET D'ADÉQUATION À UN USAGE PARTICULIER, SONT LIMITÉES À LA DURÉE DE CETTE GARANTIE.

EXCLUSION DE DOMMAGES

LA RESPONSABILITÉ DE TEAC VIS-À-VIS DE TOUT PRODUIT DÉFECTUEUX EST LIMITÉE À LA RÉPARATION OU AU REMPLACEMENT DU PRODUIT, AU GRÉ DE TEAC. TEAC NE POURRA ÊTRE TENU POUR RESPONSABLE DE QUELCONQUES DOMMAGES SE RAPPORTANT AU DÉRANGEMENT, À LA PERTE D'USAGE DU PRODUIT, À L'INTERRUPTION DE L'UTILISATION, AUX PERTES COMMERCIALES OU DE PROFITS, NI D'AUCUN AUTRE DOMMAGE, QU'IL SOIT ACCESSOIRE, INDIRECT, PUNITIF OU AUTRE.

CERTAINS ÉTATS OU PROVINCES N'AUTORISENT PAS DE LIMITATIONS DE DURÉE D'UNE GARANTIE IMPLICITE ET/OU N'AUTORISENT PAS L'EXCLUSION OU LA LIMITATION DES DOMMAGES ACCESSOIRES OU INDIRECTS, AUQUEL CAS LES LIMITATIONS ET EXCLUSIONS CI-DESSUS PEUVENT NE PAS VOUS ÊTRE APPLICABLES.

CETTE GARANTIE VOUS DONNE DES DROITS SPÉCIFIQUES QUI PEUVENT ÊTRE DIFFÉRENTS DE CERTAINS DROITS OCTROYÉS PAR LA LOI. CES DROITS PEUVENT VARIER D'UN ÉTAT À L'AUTRE OU D'UNE PROVINCE À L'AUTRE.

Europe/Europa

This product is subject to the legal warranty regulations of the country of purchase. In case of a defect or a problem, please contact the dealer where you bought the product.

Ce produit est sujet aux réglementations concernant la garantie légale dans le pays d'achat. En cas de défaut ou de problème, veuillez contacter le revendeur chez qui vous avez acheté le produit.

Las condiciones de garantía de este aparato están sujetas a las disposiciones legales sobre garantía del país en el que ha sido adquirido. En caso de garantía, debe dirigirse al establecimiento donde adquirió el aparato.

In countries/regions other than the USA, Canada and Europe

This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province.

If you have a warranty claim or request, please contact the dealer where you bought the product.

该保证书赋予了顾客特定的合法权利,并且因国家,州或省等地区的不同,顾客可能拥有其他权利。如需申请或要求保修,请与购买本产品的销售店进行联系。

WARRANTY/GARANTIE (United States and Canada only/États-Unis et Canada uniquement)

Model/Modèle : **UD-507**

Serial No./N° de série

Owner's address/Adresse du propriétaire

Date of purchase/Date de l'achat

Dealer's name/Nom du revendeur

Owner's name/Nom du propriétaire

Dealer's address/Adresse du revendeur

TEAC

TEAC CORPORATION

1-47 Ochiai, Tama-shi, Tokyo 206-8530, Japan
<https://teac.jp/int/>

This product has a serial number located on the rear panel. Please write it here and retain this for your records.

Model name: UD-507

Serial number: _____

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