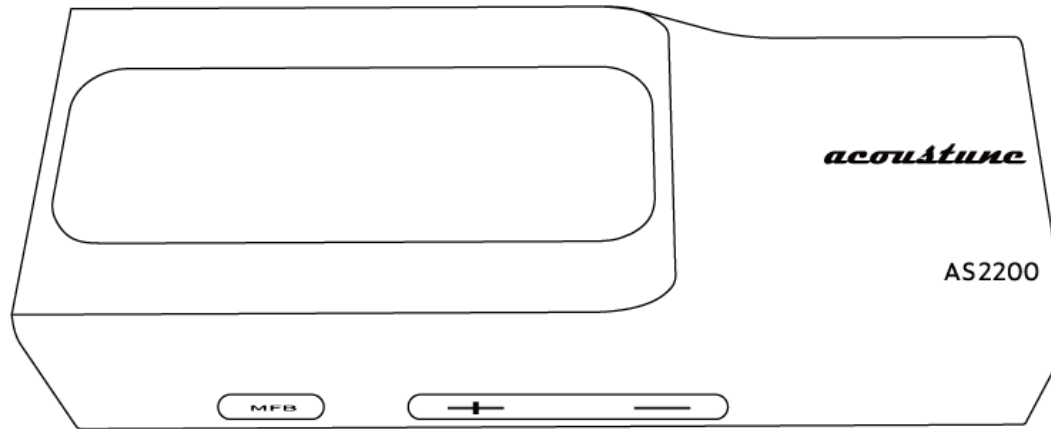


USB DAC User Manual

AS2200

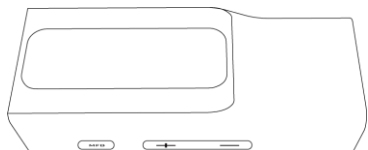


Before Use / Safety Precautions

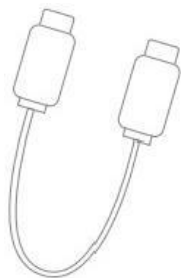
Thank you for purchasing this product. Read this manual carefully before use, and use the product correctly.

■ Package Contents

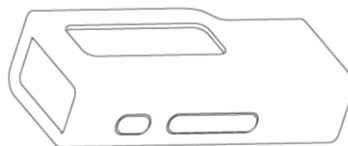
The following items are included in the package.
Check all items before using the product.



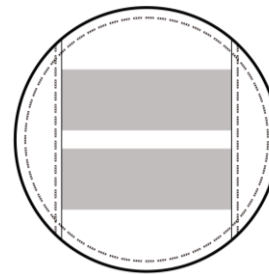
Main unit



Connection cable



Silicone case



Magnetic holder



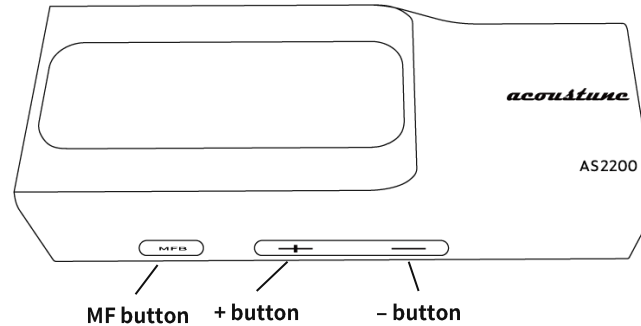
Carrying case

【Usage Precautions】

- This product complies with UAC 2.0 and is compatible with USB Type-C devices such as smartphones, tablets, and PCs.
- Some functions may not operate due to system limitations of the connected device, particularly digital audio players.
- When connected to a Windows PC, the device may be recognized automatically and compatible software may be installed.
- On some smartphones, audio files may be downsampled during playback with the standard player.
- Depending on the connected device, electrical circuit noise may occur.

Part Names / Basic Operation

The unit is operated using the three buttons: MFB, +, and –.



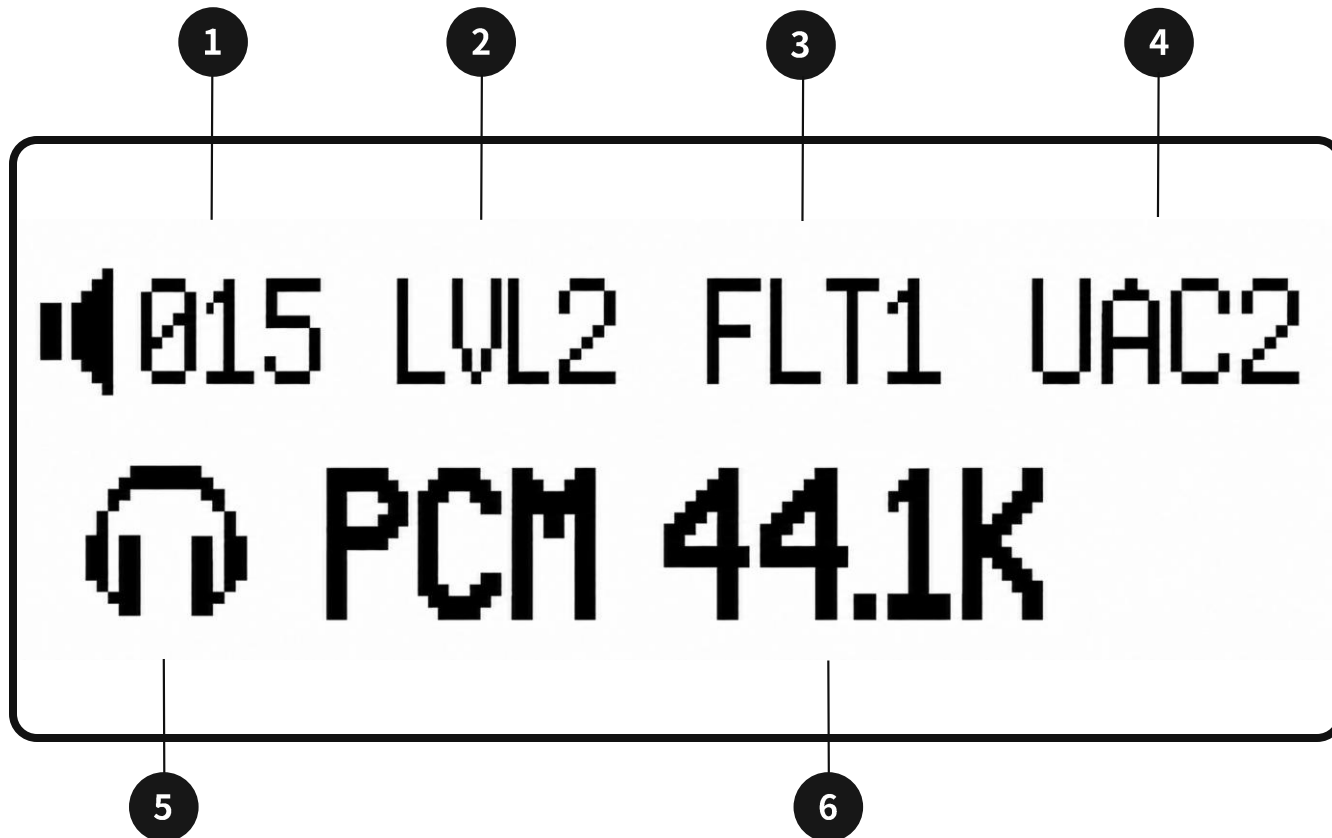
MFB	Press once	Turn the display on/off
MFB	Press and hold	Enter/exit setting mode
+ / –	Hold both for 1 second	Switch volume mode (FIX ↔ VAR)
+	Short press	FIX: Host volume + / VAR: DAC volume +
–	Short press	FIX: Host volume – / VAR: DAC volume –

Note: Press and hold +/- for continuous adjustment. The default volume mode is VAR.

FIX: Only the device volume can be adjusted from this product.

VAR: Volume can be adjusted independently on this product and the device.

Display Information



1 Volume [0–100/FIX]

2 Level mode (Gain) [LOW: LVL1 HIGH: LVL2]

3 PCM filter [6 types]

4 UAC mode [UAC1/UAC2] *1

5 Output type [Headphone / S/PDIF]

6 Format / sample rate [PCM/DSD · Hz]

*1: UAC 1.0: Hold the MFB button while connecting the device.
UAC 2.0: Connect without pressing the MFB button.

Setting Mode

Setup Procedure

1 Press and hold MFB
Enter setting mode

2 Short-press MFB
Move to next item (after 9, returns to 01)

3 + / -
Change the setting value

4 Press and hold MFB
Exit setting mode

Setting Mode Display and Parameters (1–9)

No.	Display	Parameters
1	Level mode	LOW:LVL1 HIGH:LVL2
2	PCM filter	6 types *1
3	Output type	Headphone / S/PDIF
4	S/PDIF mode	4 settings (192K, 192K/DoP, 384K, 384K/DoP)
5	Volume mode	FIX / VAR
6	Brightness	1–10
7	SCRN saver	Off / 1–60 sec
8	SW version	—
9	REST default	—

*1 PCM filter

No.	Display name	Characteristics
FLT1	DYNAMIC	Emphasizes attack and definition
FLT2	REFERENCE	Emphasizes flat, precise reproduction
FLT3	NATURAL	Natural attack with easy listening
FLT4	SMOOTH	Smooth, composed transitions
FLT5	RELAXED	Gentlest response with a soft character
FLT6	BALANCED	Balances time and frequency response

Safety Information

Failure to follow the safety precautions for electrical products may cause accidents. This section describes important precautions and handling instructions intended to prevent accidents.

Safety Precautions

This product has been designed with due consideration for safety. However, incorrect use of electrical equipment can cause accidents and serious hazards. Always follow the instructions below.

- Follow all safety precautions.
- Inspect the product regularly. Once a month, check for accumulated dust or dirt and do not continue using a malfunctioning product.
- Do not use the product if it is malfunctioning, damaged, or broken. Contact the store or sales representative promptly for repair.
- If any abnormality occurs, contact the store or authorized dealer where the product was purchased.
- Do not use the product in wet, dusty, or sandy locations.

Warnings, Dangers, Cautions, and Prohibitions

- Do not dispose of the product in fire.
- Do not disassemble or modify it.
- Do not leave it near fire, heating appliances, in direct sunlight, inside a vehicle, or anywhere that may exceed 40°C.
- Do not use it while driving.
- Do not use it in dangerous locations where surrounding sounds cannot be heard, such as railroad crossings, station platforms, or construction sites.
- Do not use or leave it in locations subject to strong vibration.
- Do not allow water or foreign matter to enter the product.
- Extended outdoor use may cause discoloration from ultraviolet light or friction.
- Do not listen at high volume for long periods.
- Do not place the product behind you and sit on it.
- Leaving the product under load for a long time may cause failure. Store it carefully.
- Drops or strong impacts may cause failure or damage.
- Wipe dirt gently with a soft, dry cloth.
- Keep out of reach of children. Small parts may be swallowed.
- Check the safety of your surroundings before use.
- Do not use the product underwater or in bad weather.
- In hospitals, aircraft, and similar locations, follow staff instructions.
- Do not use the product near precision electronic equipment or equipment that handles weak signals.
- Users with a pacemaker should keep the product as far from the chest as possible.
- Do not operate buttons or charge the product while wet. This may cause discoloration, electric shock, or failure.
- The manufacturer is not liable for data loss or damage to other equipment resulting from use of this product.
- Use outside the specified current or voltage may cause failure.
- Do not apply coatings or paint. Doing so may cause unexpected failure, discoloration, or electric shock.

Warranty / After-Sales Service

Thank you for purchasing a product from Tokyo Onkyo Co., Ltd. (“the Company”). The Company provides a one-year product warranty from the date of purchase from an authorized retailer. This warranty is separate from any statutory warranty claims you may have against the retailer. It applies under the terms below and does not limit your rights under applicable consumer law or your sales contract with the retailer.

■ Warranty Terms

The Company warrants this product, including the supplied accessories (collectively, “the Product”), for one year from the date of purchase from an authorized retailer (“Product Warranty”). The Product Warranty is subject to these terms. Your statutory claims against the retailer are not affected. Proof of the purchase date and purchase from an authorized retailer is required.

1. Warranty Coverage

1.1 Warranty Period

The warranty starts on the date of purchase from an authorized retailer and ends one year later. During the warranty period, if the Product develops a defect caused by materials, design, or manufacturing, the Company will, at its discretion, repair the Product or replace defective parts free of charge. Replaced parts become the property of the Company.

1.2 Exclusions

The Product Warranty does not cover:

(I) Installation, removal, repair, or maintenance of products other than the Product, including auxiliary or other accessories, or equipment electronically connected to the Product.

(II) Products for which valid proof of purchase cannot be provided.

(III) Use outside ordinary household use, including industrial use:

- a) use in high-temperature or high-humidity environments;
- b) use in environments with excessive dust;
- c) use on a production line for quality or product inspection.

(IV) Failure or damage caused by improper handling, including dropping, impact, water, dust, or sand; poor storage or care, including mold, debris, or dirt; deterioration over time; or wear.

(V) Failure or damage caused by accident, misuse, neglect, improper use (including complete discharge after long periods of non-use, incorrect installation, or repair/maintenance not performed by the Company or an authorized retailer), unauthorized modifications (including application of coatings or conductive paint, labels, or unauthorized changes to firmware or applications), extreme temperature or humidity, excessive physical or electrical load, interference, vibration, power surges, lightning, static electricity, natural disasters, fire, geological events, unreasonable handling, or other external effects.

(VI) Failure or damage caused by installing accessories that are not components of the Product, including items not certified compatible by the Company or similar items not manufactured by the Company, whether or not purchased with the Product.

(VII) Repair requests made after the warranty period for defects that occurred after the warranty period began.

(VIII) Failure or damage from normal use, ordinary wear, or aging.

(IX) Cosmetic deterioration only, including scratches, dents, or dust; removal of debris or dirt that does not affect use; or repairs based only on subjective appearance preferences.

(X) Consumable items such as cables and protective cases, except failure or damage caused by defects in materials or manufacture.

(XI) Preventive maintenance requests.

Warranty / After-Sales Service

2. Customer Responsibilities

To receive warranty service, the purchaser must provide the items below. Warranty service may be unavailable if these requirements are not met.

(I) Valid proof of purchase showing the purchase date and the authorized retailer's name or stamp.

(II) Information about the symptoms and possible causes of the problem.

(III) Answers to inquiries from the Company, including the Product model; connected peripherals (including model, OS version, and build number); displayed or notified error messages; operations performed before the problem occurred; and steps taken to resolve it.

(IV) If the customer lives remotely and cannot obtain warranty service at an authorized retailer, send the Product to the location specified by the Company and follow the Company's packing and shipping instructions.

3. Limitation of Liability

Your rights under these warranty terms are in addition to all legal rights, including rights under consumer-protection laws. These terms do not limit your statutory rights.

However, the Company, its employees, affiliates or service providers, and authorized retailers are not liable to the purchaser or any successor in interest for indirect or consequential damages, including the cost of repair, reprogramming, or restoration of firmware, application programs, or data; losses caused by failure to maintain data confidentiality; business losses; or loss of actual or anticipated profit or planned savings. The total liability of the Company, its employees, affiliates or service providers, and authorized retailers for damage arising from performance of the Product Warranty is limited to the amount paid for the Product.

In particular, the Company does not warrant:

(I) Repair or replacement of the Product without loss of firmware, application programs, or data.

(II) Uninterrupted or error-free operation of the Product.

(III) Repair or replacement of discontinued or limited-production products with an identical product.

These warranty terms do not exclude liability for:

(I) Death or personal injury caused by the Company's negligence.

(II) Fraud.

To the extent liability cannot be excluded or limited, the Company's responsibility under these terms is limited, at the Company's discretion, to repair or replacement of the Product. Some countries or regions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

Warranty / After-Sales Service

4. Miscellaneous

(I) If any provision of these warranty terms, or any part of a provision, is unlawful or invalid, the remaining provisions remain in effect.

(II) These warranty terms are governed by and interpreted under the laws of the country where the Product was purchased. Conflict-of-law rules and the United Nations Convention on Contracts for the International Sale of Goods do not apply.

(III) The Company may subcontract performance of its obligations or assign its obligations to a third party. This does not release the Company from its contractual responsibilities to the customer under these warranty terms.

(IV) The Company is not liable for failure or delay in performing the Product Warranty caused by circumstances that the Company could not reasonably foresee.

(V) You acknowledge that information obtained by the Company under these warranty terms, including personal information ("Customer Information"), may not always remain confidential. You consent to the Company collecting and using Customer Information to perform the Product Warranty. You also consent to Customer Information being provided as necessary to affiliates or service providers located in countries whose level of legal data protection may not be equivalent to that in your place of residence, including Australia, Canada, EU member states, India, Japan, China, and the United States.

(VI) The Company takes security measures to protect Customer Information against unlawful access, disclosure, and misconduct. You are responsible for the information you provide concerning the handling of Customer Information. The Company will make reasonable efforts to comply with these requirements to the extent necessary to perform the Product Warranty. Contact the Company with any questions about the effect of this processing on Customer Information.

(VII) No oral explanation, confirmation, or agreement modifies these warranty terms. The Company may change these terms at any time. A change takes effect when the Company notifies the customer in accordance with these terms. A separate written agreement that records applicable requirements also remains valid.

(VIII) Any dispute relating to these warranty terms is subject to the exclusive jurisdiction of the court having jurisdiction over the location of the Company's head office. This exclusive jurisdiction may not be changed.

Acoustune Product Warranty

Thank you for purchasing an Acoustune product.

■ Warranty Coverage

The Company will repair or replace the Product free of charge only when a failure occurs under the proper operating conditions specified in the warranty terms.

The warranty does not apply if you cannot provide proof of purchase, such as a receipt or, for online purchases, a shipping or order-confirmation email.

This warranty is valid only in Japan.

■ Product Use, Failure, and Defect Inquiries

Manufacturer: Tokyo Onkyo Co., Ltd.

Support page:

<https://www.acoustune.jp/support>

Business hours: Weekdays 10:00–17:00 (excluding weekends and public holidays)

We normally respond within 3–4 business days.

Responses may take longer during public holidays or extended holiday periods.