audio-technica

ATH-M20xSTS

Streaming Headset

User Manual

English

Safety precautions

Although this product was designed to be used safely, failing to use it correctly may result in an accident. To ensure safety, observe all warnings and cautions while using the product.

- Follow applicable laws regarding headphone use if using the product while driving.
- Do not use the product in places where the inability to hear ambient sound presents a serious risk (such as at railroad crossings, train stations, and construction sites).
- To prevent damage to your hearing, do not raise the volume too high. Listening to loud sound for an extended period may cause temporary or permanent hearing loss.
- Discontinue use if skin irritation results from direct contact with the product.
- Do not disassemble, modify or attempt to repair the product.
- Be careful to avoid pinching yourself between the housing and the arm of product.

For customers in the USA

FCC Notice

Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.
Note: 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 receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment to 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.
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter used in other systems.

Contact

Responsible Company: Audio-Technica U.S., Inc.
Address: 1221 Commerce Drive, Stow, Ohio 44224, USA
Tel: 330-686-2600

For customers in Canada

ISED statement

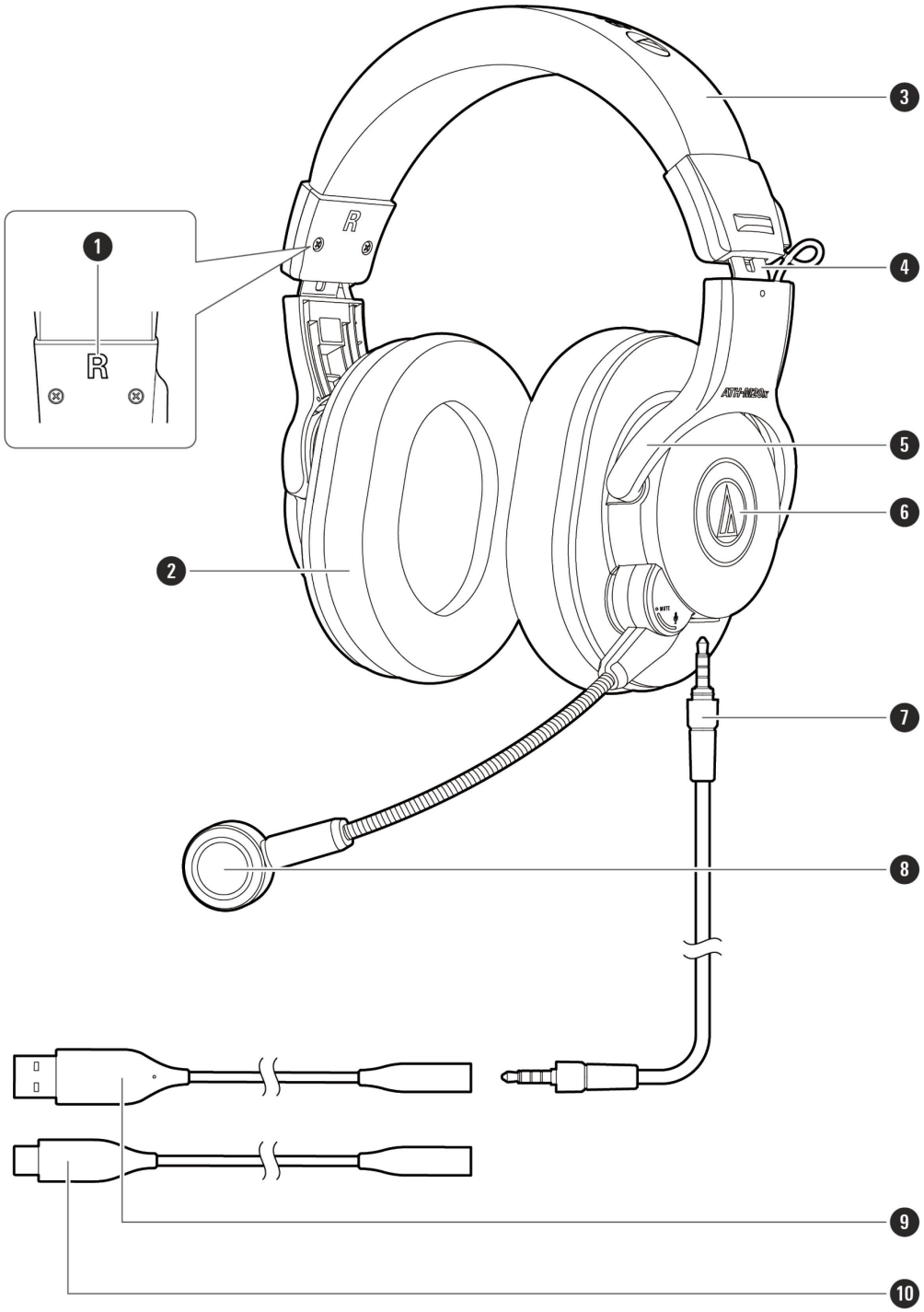
CAN ICES(B)/NMB(B)

Notes on use

- To ensure compatibility and correct usage, always consult the user manual of any device before connecting the product to it.
- Audio-Technica will not be liable in any way for any loss of data in the unlikely event that such losses should occur while using the product.
- On public transport systems or in other public places, keep the volume low so as not to disturb other people.
- Minimize the volume on your audio device before connecting the product.
- When using the product in a dry environment, you may feel a tingling sensation in your ears. This is caused by static electricity accumulated on your body, not by product malfunction.
- Do not subject the product to strong impact.
- Do not store the product under direct sunlight, near heating devices or in a hot, humid or dusty place. And do not allow the product to get wet.
- When the product is used for a long time, the product may become discolored due to ultraviolet light (especially direct sunlight) or wear.
- Do not expose the product to excessive stress or pressure, which could result in damage or deformation.
- Connect/disconnect the cable by holding the plug. Pulling directly on the cable can result in a broken wire and the risk of electric shock.
- Do not wrap the cable around a rack, furniture or other object. Do not allow the cable to be pinched.

Part names and functions

Headset



1. L/R (left/right) indicator
2. Earpad
3. Headband
4. Slider
5. Arm

❻ Housing

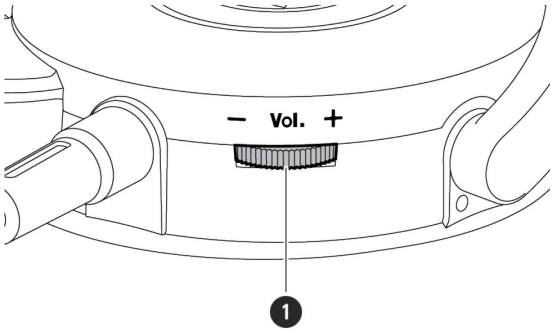
❼ Detachable cable for PC/game console (2.0 m (6.6'), 3.5 mm (1/8″) gold-plated stereo mini-plug (4 pole)

❽ Microphone

❾ Conversion adapter for PC/mobile (3.5 mm (1/8″) / USB Type-A)

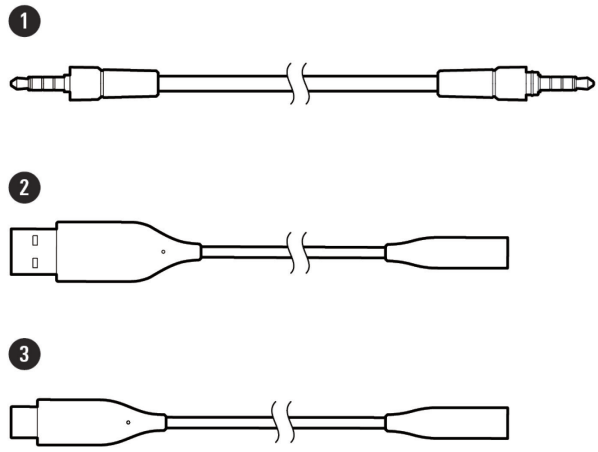
❿ Conversion adapter for PC/mobile (3.5 mm (1/8″) / USB Type-C™)

Operation area



❶ Volume control dial

Accessories



❶ Detachable cable for PC/game console (2.0 m (6.6'), 3.5 mm (1/8″) gold-plated stereo mini-plug (4 pole)

❷ Conversion adapter for PC/mobile (3.5 mm (1/8″) / USB Type-A)

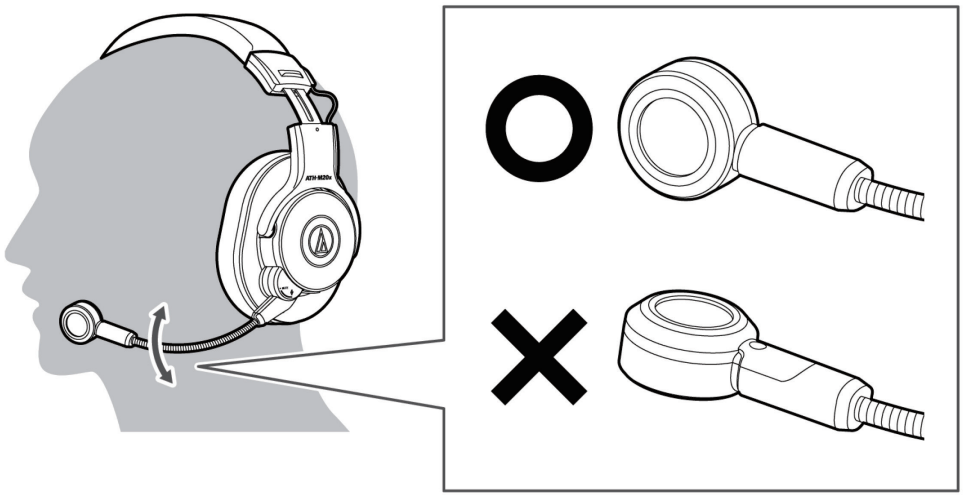
❸ Conversion adapter for PC/mobile (3.5 mm (1/8″) / USB Type-C™)

Wearing the product

1 Place the product with the side marked “L” on your left ear and the side marked “R” on your right ear, slide the slider up and down so that the earpads cover the ears, and then adjust the headband.



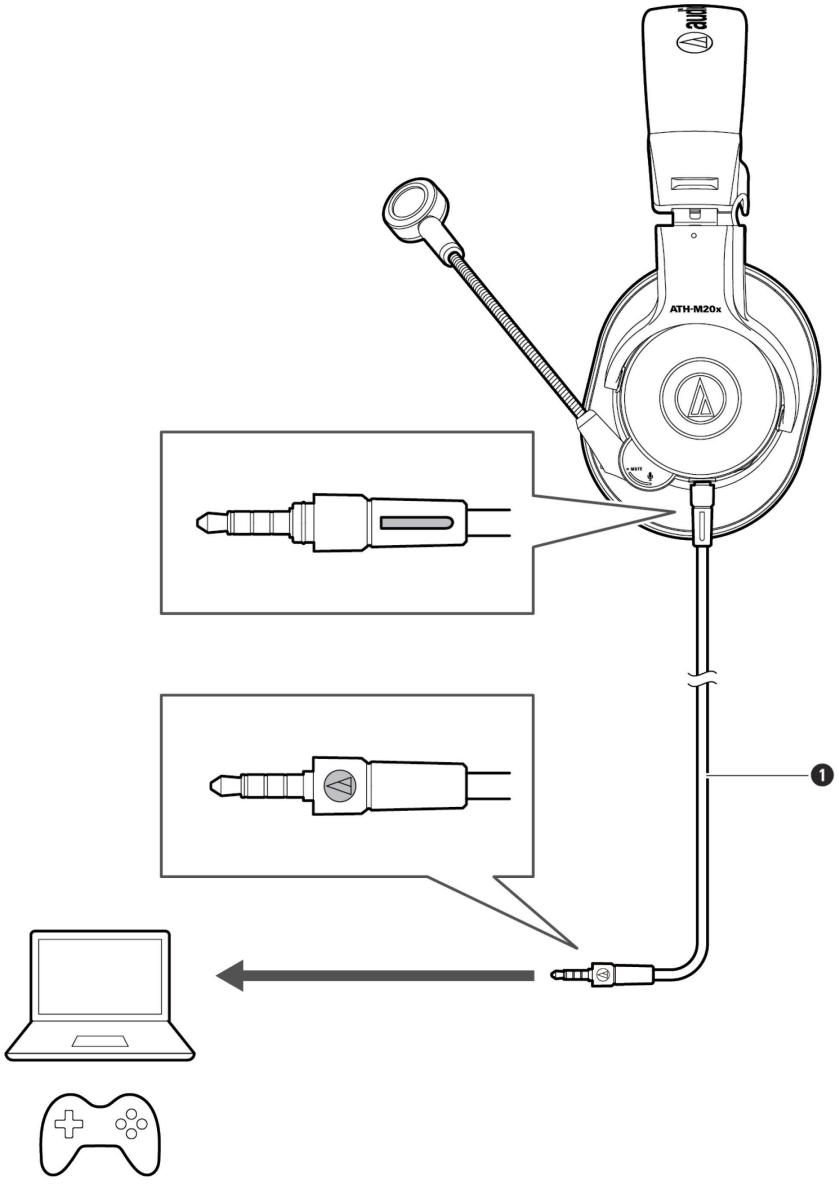
2 Adjust the microphone so that it faces your mouth.



Using the product

Connecting

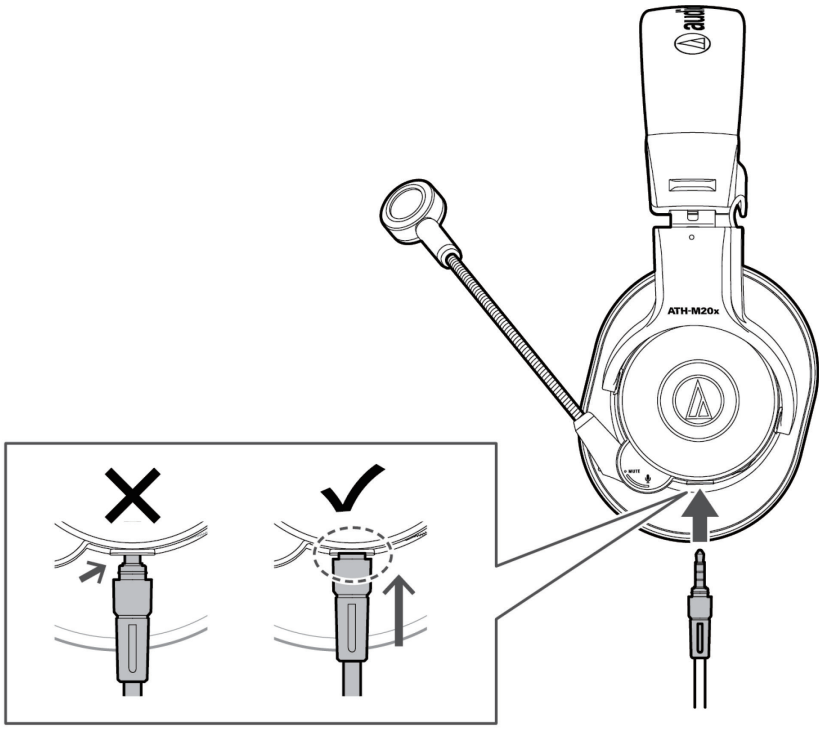
Check the orientation when connecting the detachable cable for PC/game console. Connect the plug with the line mark to the product, and connect the plug with the Audio-Technica logo to the device.



❶ Detachable cable for PC/game console

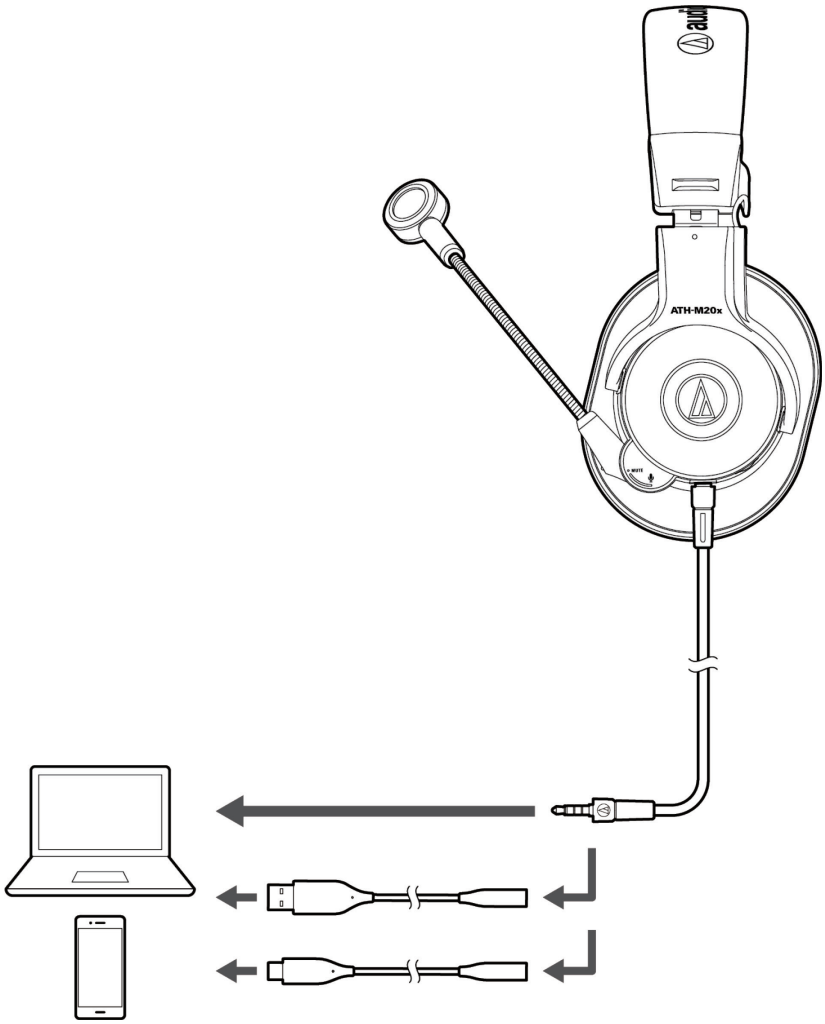
1 Insert the plug firmly into the connector jack of the product until it is fully seated.

- If the connection is loose, no audio will be output.



2 Connect to the headphone jack of the device.

- When connecting to a USB port, use the included conversion adapter for PC/mobile.



Computer settings

Windows

1 Click the Start Menu and click "Settings".

2 Click “System”.

3 Click “Sound”.

4 In "Output" and "Input", confirm that "ATH-M20xSTS" is selected.
- If the product is not selected, select the product.

Note	• Depending on the app or software being used, it may be necessary to switch the output and input for that app or software to this product.

macOS

1 Click the Apple icon and select “System Settings”.

2 Click “Sound”.

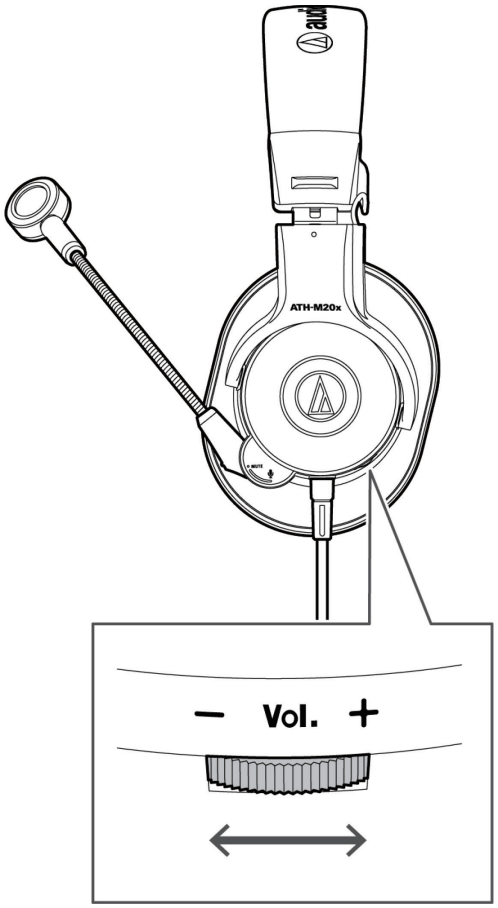
3 In “Output” and “Input”, confirm that “ATH-M20xSTS” is selected.
- If the product is not selected, select the product.

Note	• Depending on the app or software being used, it may be necessary to switch the output and input for that app or software to this product.

Adjusting the volume.

1 Turn the volume control dial left or right to set your preferred volume.

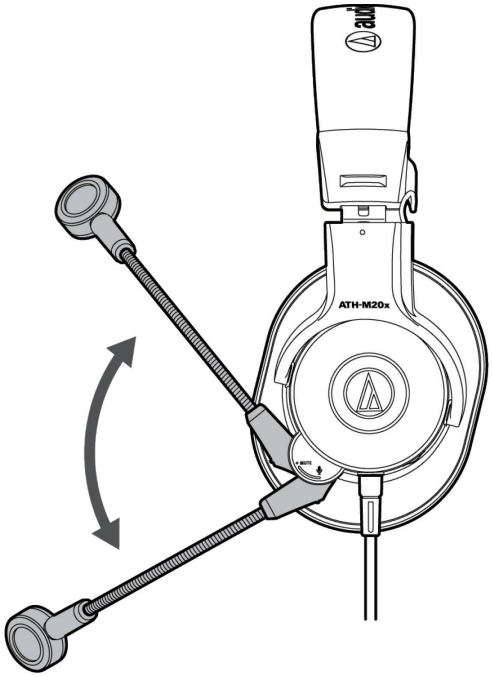
- Turning towards the + (plus) side increases the volume. Turning toward the – (minus) side decreases the volume.



Muting the microphone

1 Moving the microphone boom arm up mutes the microphone.

- To unmute, move the microphone boom arm down.



Cleaning

Get into the habit of regularly cleaning the product to ensure that it will last for a long time. Do not use alcohol, paint thinners, or other solvents for cleaning purposes.

- Use a dry cloth to clean the headphones.
- Wipe away any perspiration or dirt from the cable with a dry cloth immediately after use. Failure to clean the cable may cause it to deteriorate and harden over time, resulting in malfunction.
- Wipe the cable plug with a dry cloth if dirty. Failure to clean the plug may cause sound skipping or noise.
- To clean the earpads and headband, wipe with a dry cloth. Earpads and headband may fade if sweat or water dries on them. If the earpads and headband get wet, we recommend wiping them with a dry cloth and allowing them to dry in the shade.

Caution	• If the product will not be used for an extended period of time, store it in a well-ventilated place free from high temperatures and humidity. • Earpads are consumable parts. The earpads deteriorate over time due to use or storage. Contact your local Audio-Technica dealer for earpad replacement or other repairs.

Troubleshooting

? My voice cannot be heard by the other person / The input sound is strange

- The sampling rate setting differs from that set in the "Playback" or "Recording" tab on the Windows PC you are using or in the "Output" or "Input" tab on the Mac you are using. Match the sampling rate settings.

Specifications

Headphones

Type	Closed-back dynamic
Driver	40 mm
Sensitivity	96 dB/mW
Frequency response	15 to 20,000 Hz
Maximum input power	700 mW
Impedance	47 ohms

Microphone

Type	Back electret condenser
Polar pattern	Unidirectional
Sensitivity	-44.5 dB (0 dB=1 V/Pa, at 1 kHz)
Frequency response	50 to 20,000 Hz (at 3 cm)

Communication specifications (When using a conversion adapter)

System operation	USB 2.0 compliant
Supported OS	Windows 11 macOS Sequoia, macOS Tahoe (Visit our website for the latest information about the product.)
Supported sample rates	Input: 48 kHz, 96 kHz Output: 48 kHz, 96 kHz, 192 kHz, 384 kHz
Supported bit depth	Input: 16-bit, 24-bit Output: 16-bit, 24-bit, 32-bit

Other

Weight (without cable)	Approx. 236 g (8.3 oz)
Operating temperature	5°C to 40°C (41°F to 104°F)
Accessories	Detachable cable for PC/game console (2.0 m (6.6'), 3.5 mm (1/8") gold-plated stereo mini-plug (4 pole), Conversion adapter for PC/mobile (3.5 mm (1/8") / USB Type-A), Conversion adapter for PC/mobile (3.5 mm (1/8") / USB Type-C)
Sold separately	Earpads, Detachable cable for PC/game console (2.0 m (6.6'), 3.5 mm (1/8") gold-plated stereo mini-plug (4 pole), Conversion adapter for PC/mobile (3.5 mm (1/8") / USB Type-A), Conversion adapter for PC/mobile (3.5 mm (1/8") / USB Type-C)

- For product improvement, the product is subject to modification without notice.

Trademarks

- USB Type-C™ is a trademark of USB Implementers Forum.

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