

JARO

Multi-Pattern Product Model: J101-CS **Condenser Microphone**



Scan the QR code to register your J101-CS microphone to activate the 1-year replacement coverage.

Or visit www.jarotechnology.com/pages/product-support?product=j101-cs

USER MANUAL

Statement

Thank you for choosing JARO! Please read this manual carefully before use and strictly follow the instructions for operation and storage. Keep this manual for future reference. If the manual cannot help resolve certain issues, please contact the retailer for assistance or email us at: support@jarotechnology.com.

Precautions

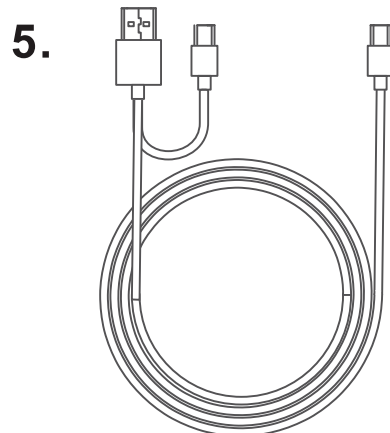
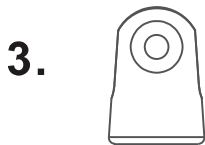
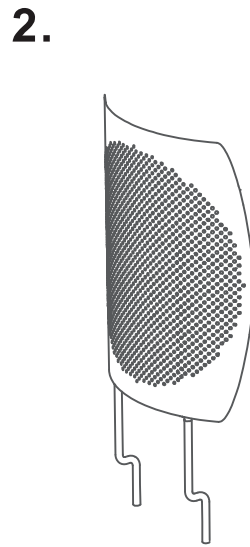
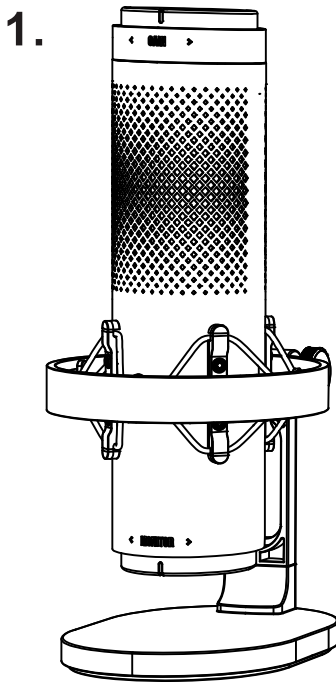
1. Do not use this product under wet conditions, and do not expose it to rain. Store it in a cool and dry place.
2. Please store and use the product properly. Avoid frequently transferring it between hot and cold environments, and keep it away from heat sources such as heaters, ovens, or other heat-generating devices.
3. Prevent dust and moisture during use and storage.
4. Avoid strong impacts or collisions.
5. To avoid audio distortion, do not point the microphone directly at strong airflow sources.
6. For optimal recording performance, do not place the microphone in noisy environments.

Overview

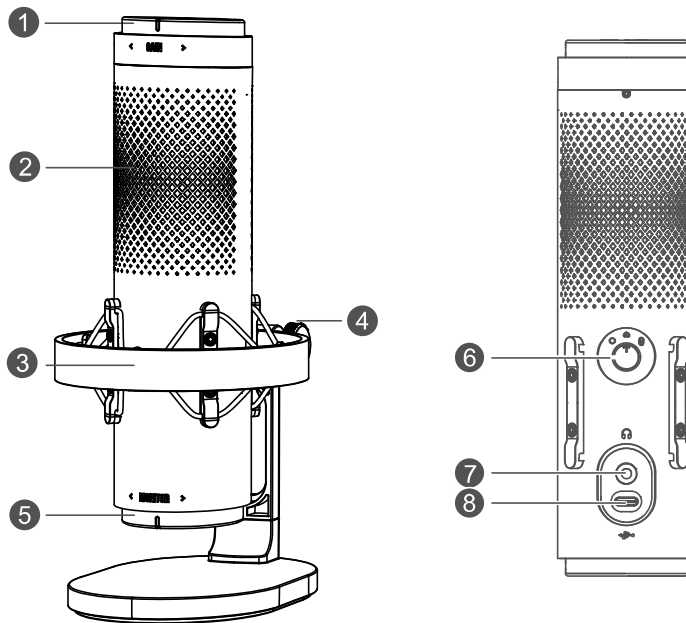
The J101-CS is a USB condenser microphone with built-in RGB lighting and dynamic effects, enhancing gaming or streaming atmospheres with a stylish and vibrant design. The base features a shock-resistant silicone pad that helps eliminate everyday noises caused by vibrations and reduces interference. Use the indicator lights on the body to easily understand the microphone's working status. Simply press the mute button to avoid recording interruptions. This model includes three selectable pickup patterns, making it versatile for various recording scenarios. The adjustable control knobs enable quick adjustments to gain and sensitivity. The included adapter supports both 3/8-inch and 5/8-inch threaded mounts, making it compatible with most stands. It works with multiple platforms, allowing seamless connections to PC, PS5, PS4, Mac, and more, delivering high-quality audio output regardless of the platform.

Package Contents

1. J101-CS microphone with the table stand
2. Pop filter
3. 5/8" boom arm connector
4. 5/8" to 3/8" adapter
5. 2-in-1 USB cable



Controls and Functions



1. Gain Control, Mute and Noise Reduction 3-in-1 Pressable Knob

- Gain Control: Rotate to adjust the microphone's input gain.
- Mute: Tap the top area lightly to turn mute on or off.
- Noise Reduction: Long press the top area to turn noise reduction on or off.

2. RGB Light Ring




3. Shock Mount (with Pop Filter Slot)

4. Tightening Knob to adjust or fix the microphone's angle

5. Monitor Volume and RGB Control 2-in-1 Pressable Knob

- Monitor Volume Control: Rotate to adjust the monitor output volume.
- RGB Control: Long press to turn RGB on or off; Short press to switch between 10 RGB modes.

6. Pickup Pattern Switch

- Omnidirectional : Captures sound from all directions.
- Cardioid : Captures sound from the front.
- Figure 8 pattern : Captures sound from the front and rear.

7. 3.5mm Monitor Jack

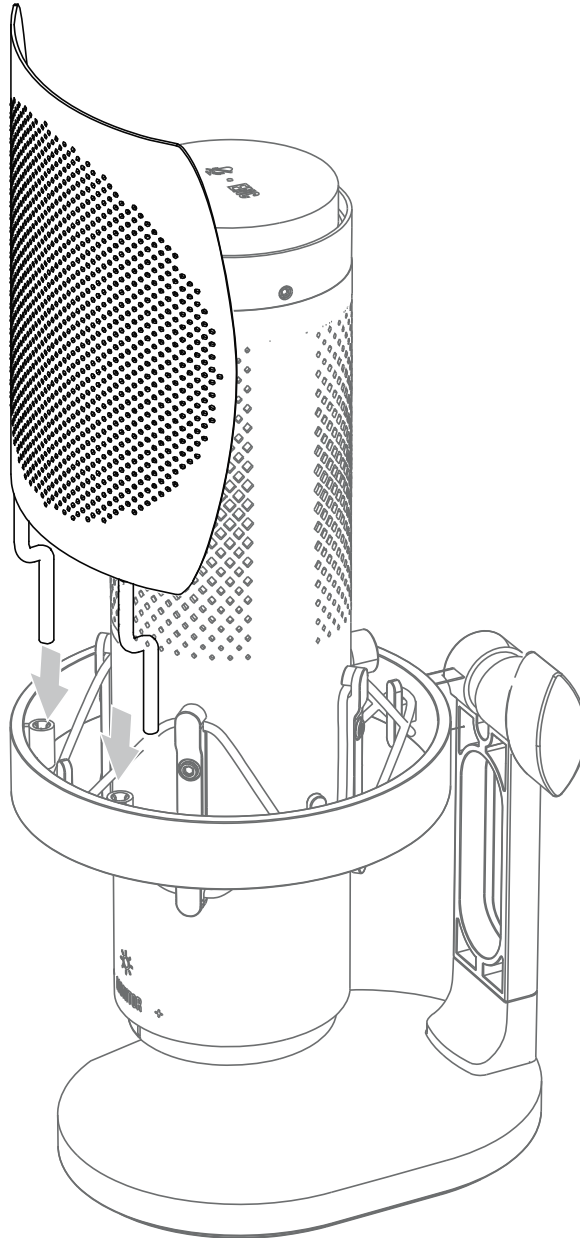
- Connect to headphones to monitor the real-time recording.

8. USB Type-C output port

- Connect to host device such as PC, MacBook or PS4/5 etc.

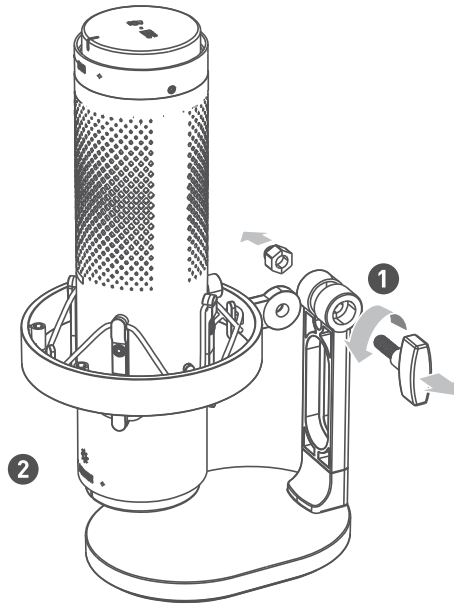
Pop Filter Installation

Align the base of the pop filter with the two slots on the front of the shock mount and insert it securely to fix in place.

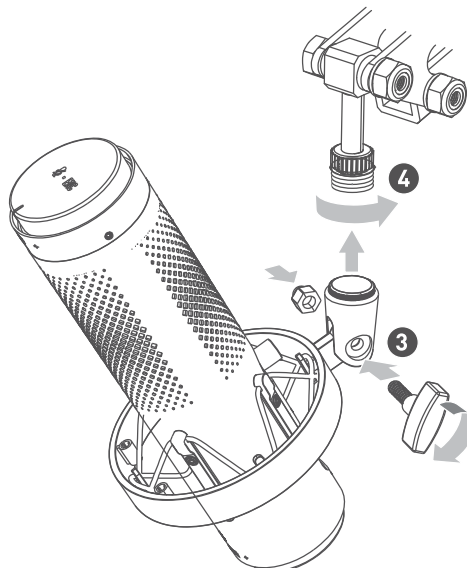


Boom Arm Installation (Boom Arm not Included)

(1) Remove table stand: Rotate the tightening knob counterclockwise to loosen it and remove the microphone from the desktop stand.



(2) Mount the microphone onto a boom arm, use the 5/8" to 3/8" adapter when needed.

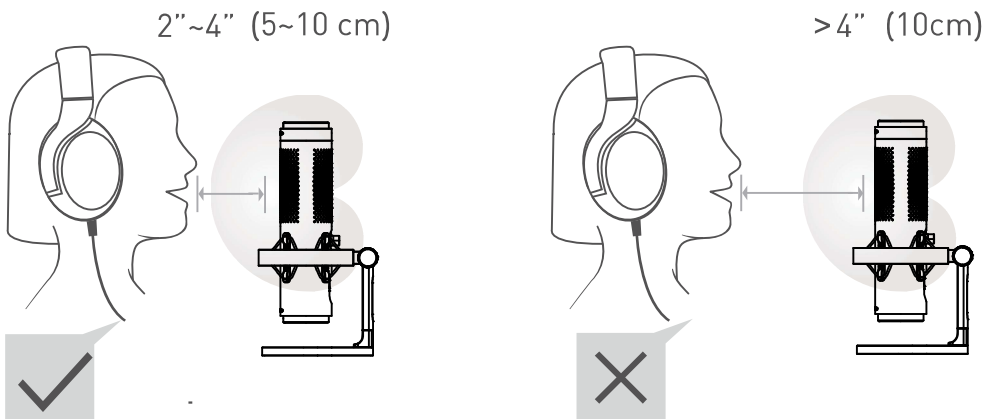


Power on the Microphone

Use the included USB cable to connect the microphone to your host device such as PC or MacBook, etc. For settings required on the device, please refer to the “Settings” section.

Position the Microphone

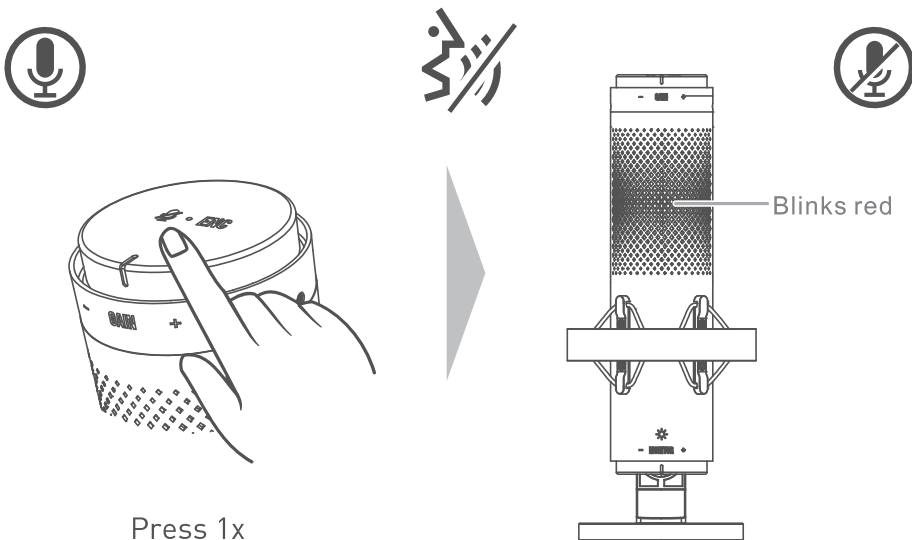
Face the microphone to the sound source at a distance of 2” to 6”. Make sure the microphone pickup pattern points in the right direction.



Example of Positioning with the Cardioid @ Pickup Pattern

Mute the Microphone

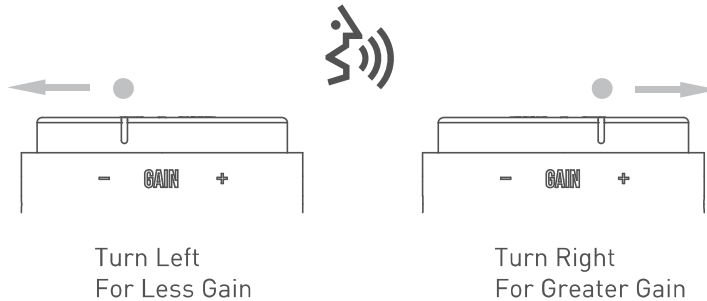
Tap the top knob to mute or unmute the microphone. When the microphone is muted, the RGB light will blink red.



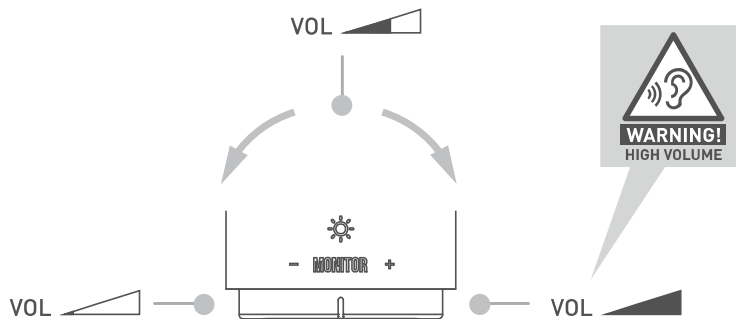
Operating Instructions

Adjust Microphone Gain and Monitor Volume

Gain: Rotate the gain knob to the right to increase the microphone gain level, and to the left to decrease

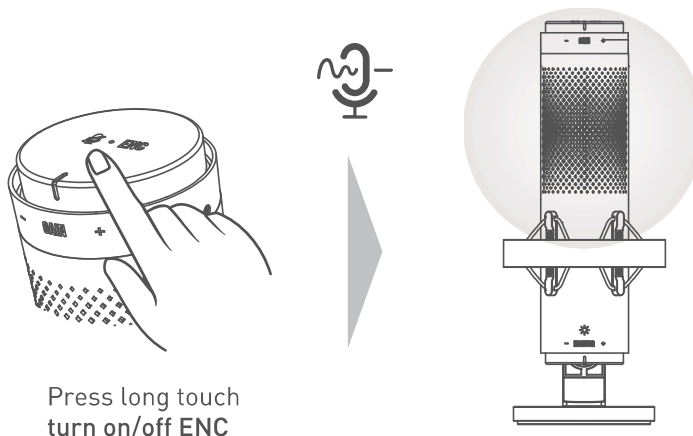


Monitor Volume: Rotate the monitor volume knob to the right to increase the output monitor volume, and to the left to decrease.



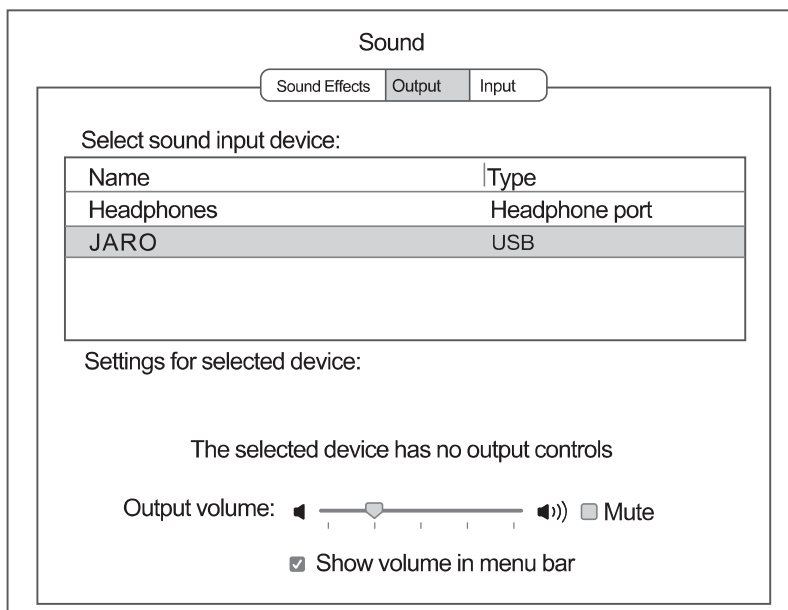
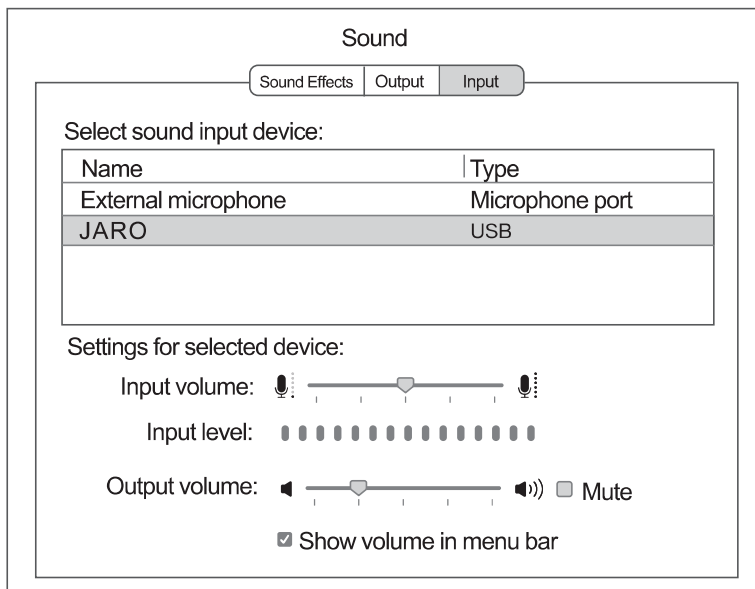
Noise Reduction

Press and hold the top knob to turn noise reduction on or off. If the recording environment has excessive background noise, it is recommended to enable noise reduction. When turn on the noise reduction, the microphone RGB will flash green twice. When turn off the noise reduction, the microphone RGB will flash blue twice.



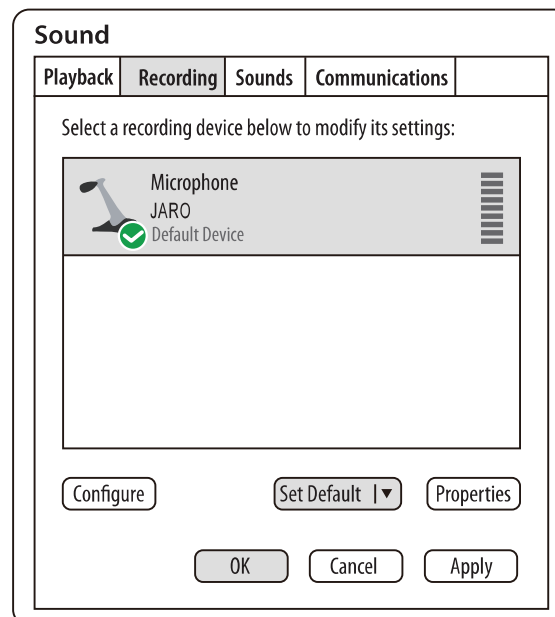
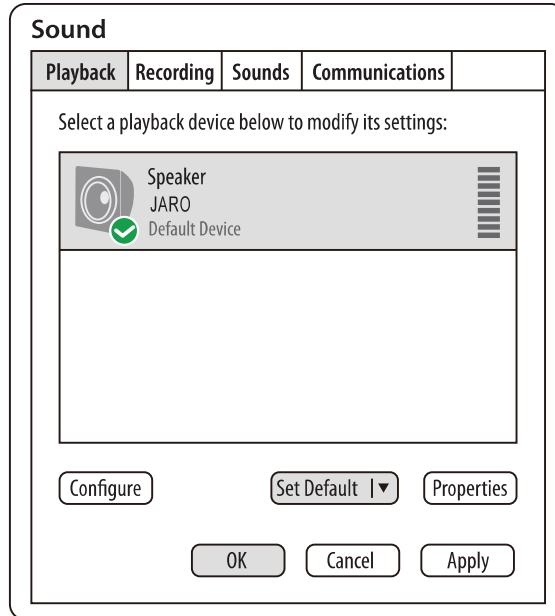
Setup J101-CS for MacOS

1. Connect the microphone to the MacBook using included USB cable;
2. Open “System Settings” and select “Sound” tab;
3. Select “JARO” as input device;
4. Select “JARO” as output device.



Setup J101-CS for Windows

1. Connect the microphone to PC using included USB cable;
2. Open “System” and then “Sound”;
3. Select “JARO” as input device;
4. Select “JARO” as output device.



Specifications

Microphone

Acoustic Principle	Condenser Microphone
Pickup Pattern	Omnidirectional Cardioid Figure 8
Response	20Hz~20kHz
Sensitivity (Maximum Gain)	-10dBfs at 80dB SPL
Sensitivity (Minimum Gain)	-46dBfs at 80dB SPL
Sampling Rate	48kHz
Bit Rate	16/24 Bit
Signal-to-Noise Ratio (SNR)	75d
Bmaximum Sound Pressure Level (SPL)	108dB SPL

Headphone output

Minimum Output Impedance	16Ω
Interface Type	3.5mm
Headphone Monitoring Jack	USB-C Output (USB 2.0 High-Speed)

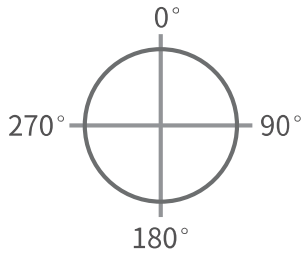
Overall device

Dimensions (with Stand)	86 × 117mm × 249mm
Weight (with Stand)	599g
Power Requirements	Supports up to 5V, 200mA

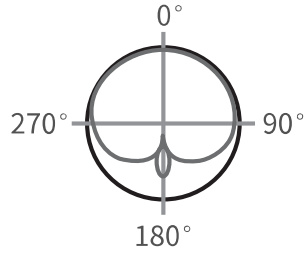
OS Interoperability

Compatible Systems	Windows: 10.0 or above macOS: 10.15 or above Android: 9.0 or above iPadOS*: 14 or above (Requires Apple devices with USB-C support)
Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-20°C to +70°C (-4°F to 158°F)
Storage Humidity	10% to 95% Avoid condensing condition

Pickup Polar Patterns



Omni-directional



Cardioid

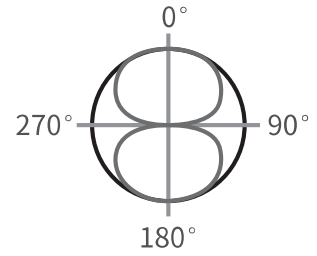
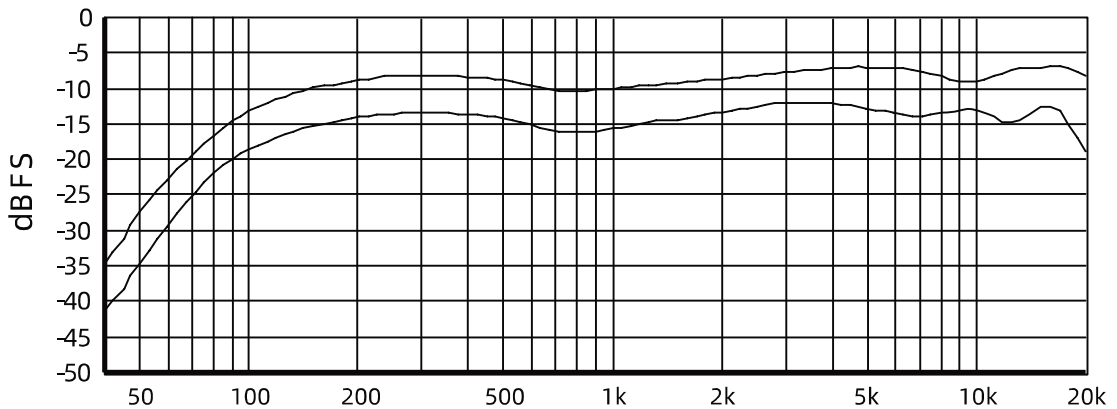


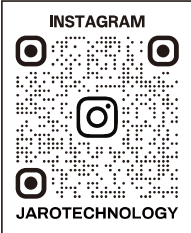
Figure 8

Frequency Response



0° and 90° frequency response @ 80 dB SPL Hz

JARO



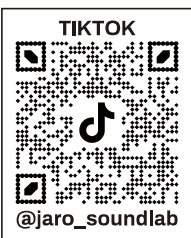
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