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WIRELESS MICROPHONE

EC2

Clear Sound Pickup	Auto Gain	Noise Cancelling	Digital/ Anolog Output	Use While Charging	Low Latency
24bit					<12ms

Usage Scenario

- Online Karaoke
- Remote Meetings
- Online Voice Chat
- Game Commentary
- Voice Communication
- Two-Way Calling Function
- Corporate Training
- Professional Online Course Teaching

USER MANUAL

Receiver

❶ **Frequency matching button:** For first-time use or after replacing the transmitter, press the frequency matching button on both the receiver and transmitter twice. A steady green light indicates success. When using multiple transmitters, frequency matching needs to be done in the same way by pressing twice quickly for each transmitter.

❷ **Analog audio output/Headphone port:** Drives headphones with an impedance of less than 36 ohms for real-time monitoring. Can be directly connected to analog audio devices like cameras using a 3.5mm trs cable.

❸ **USB-C charging port:** Supports use while charging and pd fast charging to prevent power interruptions during streaming or recording.

Transmitter

❶ **Frequency matching/Mute button:** Quickly press twice to match frequency (green flashing light). Press once briefly to mute (orange-red light).

❷ **Noise reduction/Gain button:** Hold for 2 seconds to enable noise reduction (blue light). Briefly press to cycle through gain levels: No gain, +4db, +8db.
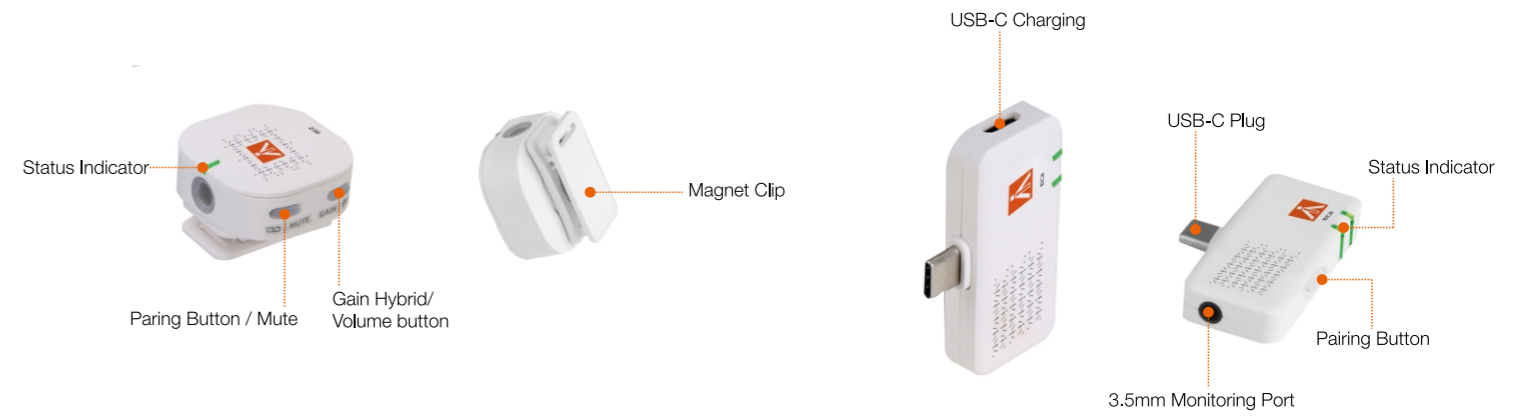
Charging Case

❶ The transmitter has a magnetic clip for easy placement in the charging box. Ensure the light faces upward and the clip is at a 90-degree angle before placing it in the box.

❷ Supports 5V charging only; Do not use PD fast charging.

❸ The battery indicator shows the remaining charge. Charge the box when only one light remains.

KEY FEATURES

❶ **Built-in Sound Card**

Allows users to clearly hear sounds from the other end of the video conference, whether it's voice or audio materials, with immediate feedback. This instant feedback mechanism helps maintain the smoothness and interactivity of the meeting, enabling participants to communicate and collaborate more naturally.

❷ **Echo Cancellation (AEC)**

Reduces or eliminates echoes in audio communications. Echo paths can vary due to factors such as room size, shape, layout, and the relative positions of speakers and microphones. Echo cancellation technology processes the signal by dividing it into multiple sub-bands to improve convergence speed and reduce computational complexity. By continuously adjusting the filter's weight vectors to approximate the real echo path, the technology minimizes echo interference.

❸ **Dynamic Adaptation, Intelligent Adjustment**

The automatic gain control feature intelligently analyzes the scene and adjusts accordingly, effectively enhancing speech clarity. Regardless of environmental changes, your voice will be captured and transmitted clearly and accurately.

❹ **One-Button Mute, Independent Control**

Each microphone can be muted separately, allowing for flexible usage control.

❺ **Plug and Play, Wide Compatibility**

Compatible with various receiving devices such as professional recording equipment, cameras, smartphones, and tablets. No additional adapters are needed; simply plug and play, seamlessly integrating into a variety of application scenarios.

❻ **Noise Suppression (NS)**

Utilizing a spectral analysis method, this technology converts audio signals into the frequency domain for analysis by comparing energy distribution across different frequency bands to distinguish between noise and speech. Noise suppression technology uses complex algorithms and signal processing techniques to analyze and process audio signals, differentiating noise from useful speech or audio content. These algorithms can identify and suppress background noise while preserving and enhancing the useful parts of the speech or audio signal.

❼ **Ergonomic Wearable Design**

The microphone features lightweight materials and an ergonomic design, offering three wearing options—magnetic attachment, clip-on, or lanyard. This ensures comfortable, barely noticeable wear, even during extended use.

❽ **Suggestions For Office Collaboration & Remote Meetings**

- Test your equipment in advance.
- Use headphones: Enhance the audio experience.
- Necessary pre-meeting equipment testing and establishing a good network environment.
- Use video conferencing software such as tencent meeting, dingtalk, wechat work, youdao cloud meeting, zoom, teams, etc.

PRODUCT DETAILS

USB-C Charging

Status Indicator

Paring Button / Mute

Gain Hybrid/ Volume button

Magnet Clip

USB-C Plug

Status Indicator

3.5mm Monitoring Port

Pairing Button

WHAT'S INCLUDED

Net Weight

Transmitter: 12.2g	
Clip of Transmitter: 3.7g	
Receiver: 8.5g	

What's included

Transmitter	x2
Receiver	x1
Charging case for Transmitter	x2
USB-A to USB-B cable	x2
Carrying bag	x1

Size

5cm, 3cm, 5cm, 1.1cm, 3.2cm, 3.2cm, 0.8cm, 5cm, 2.2cm