▶ Feature:

· Based on proprietary digital audio processing and transmission technology.

· Equipped with a **4.3-inch touchscreen display** for easy operation and parameter adjustment; AFC touch buttons and function status indicators on the panel.

· Integrated **AFC feedback suppression** with two algorithms (notch filter and frequency shift), automatically detecting feedback points and setting notch filters. Supports **12 fixed points and 12 dynamic points** for effective feedback elimination.

· **Automatic mixing function**, including gain-sharing and threshold-based auto-mixing.

· **Automatic gain control (AGC)** to maintain microphone volume within a dynamic range.

· Supports **microphone voice activation** with adjustable tracking threshold, enabling camera tracking when a microphone is active.

· **31-band graphic EQ** adjustment on the output.

· Supports **four 6-pin interfaces**, expandable up to **128 units**.

· Equipped with **two network ports** for connecting a wireless AP and conference host. Uses network protocols to integrate with the **digital conference host** for audio data transmission.

· Provides **one balanced XLR output** and **one unbalanced RCA output**.

· **One EXTENSION interface** for connecting to the digital conference host expansion port.

· **One RS-485 communication port**, supporting camera control for tracking functions.

· **One RS-232 communication port (camera tracking)** for integration with central control systems or camera tracking hosts.

· **One RS-232 communication port (speech-to-text)** for connecting to a speech transcription server.

· **Built-in 100Mbps network communication**, with **SSRAM** and **10/100Mbps Ethernet switching functions**. Provides two network interfaces, each supporting **IEEE 802.3, IEEE 802.3u, and IEEE 802.3x** standards.

▶ Specification:

Specification	Details
Maximum Active Microphones	**8 wired units + 6 wireless units**
Frequency Response	**80Hz – 16kHz**
Signal-to-Noise Ratio (SNR)	**>75dB (A-weighted)**
Power Supply	**AC 220V 50/60Hz**

Output Load	**>1KΩ**
Standby Power Consumption	**3.3W**
Connection Type	**RJ45 network port**
Indicators	**AFC indicator, audio signal indicator, operating status indicator, power indicator**
Installation Method	**19-inch standard rack mount**