Chairman Unit [Wired Gooseneck Mic with 3.5-inch Screen for Simultaneous Interpretation]

VM-A1042C / VM-A1042D



Functional description:

1. Utilizes standard CAT6e as the connection cable with RJ45 connectors for standardized engineering cabling installation and future maintenance. Features a 48K sampling rate and employs uncompressed audio transmission technology.

2. Metal Gooseneck Mic, 12mm diameter gold-plated condenser microphone capsule;

3. The microphone boom features dual-color indicator lights: red for active speaking and green for request status, clearly displaying speaking status while offering clear and sensitive audio pickup.

4. Features a 3.5-inch IPS display interface showing unit ID, date, time, speaking status, speaking duration, and other information;

5. Supports the host PC software to display 16-character names on the conference unit microphone display;

6. Features a low-power, 400MHz SOC core processor.

7. Dual-safety speech control supports both touchscreen activation and physical mute button activation, effectively preventing keypress noise to maintain a quiet meeting environment.

8. Supports check-in, voting, balloting, and election functions, enabling setup and initiation of check-in, voting, balloting, and elections via PC software;

9. Supports simultaneous interpretation with 63+1 channels. Units feature listening functionality, enabling simultaneous monitoring of different interpreter channels.

10. Supports service call functionality for tea, paper, pens, and manual assistance;

11. Supports arbitrary-sized ASCII, GBK, GB2312, and Unicode (global language) character sets;

12. A 3.5mm headphone jack design with a dual-function port supporting both monitoring output and microphone input. Compatible with headset microphones or line-in functionality, it connects to smartphones, laptops, and other devices for audio transmission during phone calls and online conferences.

13. Features voice-activated functionality with adjustable sensitivity;

14. Features speech timing and scheduled speaking functions, including countdown speaking; delegate units have a request-to-speak function;

15. The microphone unit's 5-band EQ adjustment function, accessible via conference software, allows customization of audio effects to suit the speaker's vocal characteristics.

16. Supports display brightness adjustment, allowing customization of display brightness through the unit interface;

17. Supports device status queries; the unit interface displays the current speaking mode, unit ID, IP address, and MAC address.

18. Each microphone unit can be adjusted via PC or web conferencing management software to modify parameters such as unit ID number, sensitivity, and EQ settings.

19. The unit supports IP address sniffing functionality, enabling users to locate unknown unit IDs, IP addresses, and MAC address information via PC tools.

20. Supports TCP/IP protocol and multiple protocols including ICMP, HTTP, UDP, TCP, and IGMP;

21. The unit supports PING packet functionality;

22. Equipped with a fire alarm notification function, the unit displays an alarm signal when the host receives a fire trigger, immediately alerting attendees to evacuate the venue and ensuring their safety.

23. Supports microphone control via PC software and voice control functionality;

24. The Chair Unit possesses the priority authority to cut off a delegate unit's speech.

25. Supports check-in functionality, and also enables features such as disabling unit check-in and controlling unit check-in via PC software;

26. Supports digital ring network technology to enable fully digital signal transmission and processing, providing immunity against RF interference from mobile phones and similar devices;

27. The unit is a passive device, powered directly by the conference host or expansion host;

Technical specifications:

Microphone Type	Electret condenser microphone	Electret condenser microphone
Microphone Polar Pattern	Cardioid	Cardioid
Frequency response	80Hz~16KHz	80Hz~16KHz
Microphone Input Impedance	1KΩ	1KΩ
Sensitivity	-40±2dB (0dB=1V/Pa, at 1KHz)	-40±2dB (0dB=1V/Pa, at 1KHz)
Signal-to-noise ratio	>80dB(A)	>80dB(A)
crosstalk	>70dB	>70dB
Dynamic Range	>80dB	>80dB
THD	<0.3%	<0.3%
Maximum power consumption	3W	3W
Connection Port	2 RJ45 for Daisy-chain Connection	2 RJ45 for Daisy-chain Connection
Power Supply Mode	Conference Host-powered	Conference Host-powered
Mic Rod Length	Gooseneck Mic 415mm	Square Rod Mic 215mm