

D7221A D7222A

Desktop Full Digital Chairman/Delegate Microphone with Electronic Voting



Description

This product is a conference speech mic integrating speaking and voting. With 315mm and 415mm in length optional for the microphone rod, available in black and silver colors. D7221A is a desktop chairman microphone, while D7222A is a desktop delegate microphone.

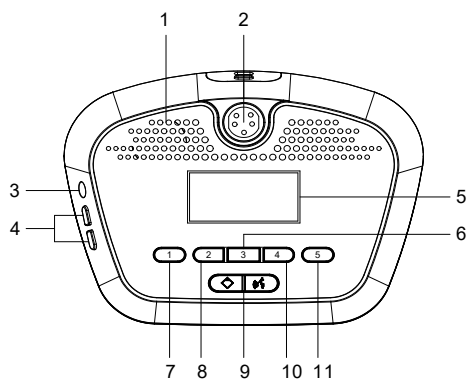
Features

- A conference speech mic integrating speaking and voting.
- Equipped with a 2-meter dedicated high-density cable, one RJ45 universal network plug.
- Electret cardioid directional condenser microphone with dual-color indicator light ring (red/green). Red indicates speaking, green indicates requesting to speak.
- Standard aluminum alloy integrated square post microphone boom, length is 186mm, with optional choices: goose neck microphone boom, oval microphone boom, square post with analog backup microphone boom, square post dual microphone boom, and square post with analog backup dual microphone boom.
- The microphone boom can be disassembled during the recess, facilitating equipment maintenance and preservation.
- Features an internal magnetic high-fidelity speaker, automatically mutes when the microphone is turned on, and is less prone to producing howling sounds.
- The 3.5mm stereo headphone jack can connect headphones, and the headphone volume is adjustable.
- Superior anti-mobile phone interference capability
- Features a microphone on/off switch, 5 voting keys, and a chairman unit with a chairman priority key.
- Features a key-in sign-in function.
- Each meeting unit has a unique ID number.
- High brightness 2.4-inch OLED display screen, can display in real-time during unit operation:
 1. The ID number of this meeting session, the number of participants requesting to speak, the voting results, the number of attendees who have signed in, and various operation information, etc.;
 2. Chinese Simplified and English bilingual display unit information.

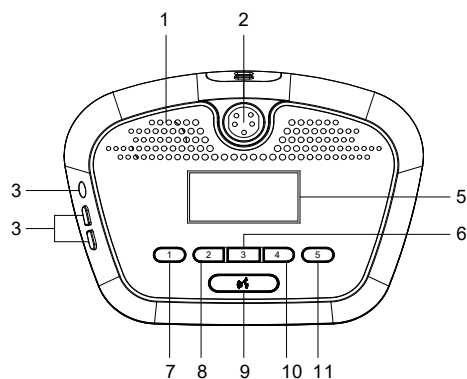
- In conjunction with the camera, the digital conference system host or PC control software can be set up to enable automatic camera tracking.
- In conjunction with the control host, the unit has a self-diagnostic function. The items tested include: buttons, microphone, LED indicator lights, LCD screen, and built-in speaker.
- The unit is a passive device, powered by the system host or a PoE switch, with an input voltage of +48V.
- When the microphone is turned on, the built-in speaker of the device automatically turns off to prevent audio feedback.
- When the microphone is turned on, there is a prompt sound, which can be set to on or off.
- Through the host settings, the chairman unit has priority functions (which can mute or turn off all representative units) and a podium mode (where the chairman unit is always in the on state).
- The chairman unit has the function of approving the application for speaking by representatives.
- The chairman unit can freely initiate without restrictions on the number of speakers.
- The chairman unit has the priority function of fully controlling the order of the meeting.
- The connection position of the chairman unit is unrestricted.

Specifications

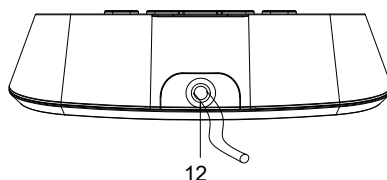
Model		D7221A/D7222A
Structure Type		Desktop
Effective Frequency Range of Gain Limit ($\pm 3\text{dB}$)	MIC A to MIC B	50Hz-14kHz
	Host LINE to MIC	30Hz-18kHz
	MIC to Host LINE	40Hz-16kHz
Speaker Power		1.5W
Static Power Consumption		<6W
Maximum Power Consumption		8W
SNR		>75dB
Crosstalk Attenuation		>80dB
Harmonic Distortion		<0.5%
Headset Output		9dBu, 8-32 Ω , 3.5mm
Working Power (Battery)		Host +48V power supply or +48V PoE switch
Unit Interface		Dante network interface
MIC	Microphone	Electret cardioid condenser
	Sensitivity	-30dBV/pa
	Input Impedance	2k Ω
	Equivalent Noise	20dB(SPL)
	MAX. SPL.	125dB(THD<3%)
Package Dimensions		485×280×120mm (Two units in one box)
Machine Dimensions (W×D×H)		175×133×46mm
Gross Weight		2.4kg
Net Weight		0.8kg



Top View of Chairman MIC



Top View of Delegate Speech MIC



Side View of Chairman MIC/Delegate Speech MIC

1. MIC Built-in Speaker

- Used to output the speech of other mics and auxiliary input audio. The volume can be adjusted by this mic or the conference host or the remote control software.
- The speaker is automatically muted when the microphone is turned on and the headphone is inserted.

2. MIC Jack

- A removable 5-pin spiral microphone jack.

3. Headset Jack

- Connected with a 3.5mm plug.

4. Volume Adjustment Button

- Used to adjust the volume of the headphone and speaker.

5. 2.4-inch OLED High-brightness Display Screen

- Real-time display of the unit's ID number, work status, voting result, and operation information.

6. "1" Button

- Rating operation in conjunction with PC software, for specific operation methods please refer to the PC software user manual.

7. "2" Button

- Select display language, voting operation function button
- Rating operation in conjunction with PC software.

8. "3" Button

- Microphone status check, voting operation, select display language operation function buttons
- Rating operation in conjunction with PC software

9. "4" Button

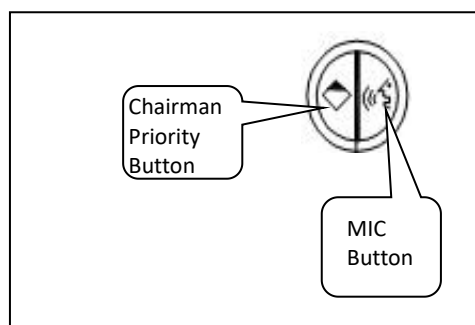
- Select display language, voting operation, return operation function keys;
- Collaborate with PC software for rating operations.

10. "5" Button

- Voting operation ended / press the return function key;
- Collaborate with PC software for rating operation.

11. Microphone Switch Button and Indicator Light

- Representative speaking unit microphone on/off button/speech request button and indicator light. When the button is pressed to turn on the microphone, the indicator light is on; when the button is pressed to send a speech request, the unit is renumbered, and the camera tracking positioning is activated, the indicator light flashes.
- Chairman unit microphone on/off button and chairman priority function key and indicator light.



- Upon pressing the microphone switch button to activate the microphone, the indicator light turns on. During the process of unit renumbering and camera tracking positioning, the indicator light flashes.
- Pressing the chairman's priority button can mute or turn off the unit that is currently speaking.

12. Dante Network: RJ45 Interface Cable

Connect the host or PoE +48V switch to power, audio transmission, and control the Dante microphone. This cable is 2 meters long, and an extension connector is required for lengths exceeding 2 meters (it is recommended not to exceed 80 meters). As shown in the figure below.

