

D7223A D7224A

Desktop Full Digital Chairman/Delegate Microphone



Description

The conference mic integrates the functions of speaking, voting, check-in, self-test, tea application service and two-way intercom. It adopts cardioid directional condenser microphone, built-in internal magnetic speaker, with headset jack, microphone indicator ring and touch button light switch indication, and voice switch in voice mode. It has built-in digital high-speed processor and high-fidelity audio circuit.

Features

- Pure speech conference mic.
- Come with a 2m dedicated high-density cable and 1 RJ45 universal network plug.
- Electret cardioid directional capacitive pickup with two-color indicator light (red/green), red for speaking, and green for applying for speaking.
- Using a microphone rod with knob-type interface, and a mini microphone.
- 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 rod can be dismounted during the adjournment for maintenance and storage.
- With super strong anti-interference ability.
- With MIC button, and chairman priority button for the chairman mic.
- With button check-in function.
- With a unique ID number for each conference mic.
- Equipped with a camera, it can realize automatic tracking after setting by the digital conference system host or PC control software.
- Equipped with the control host, the mic has a self-test function. The items to be tested include: buttons, MIC and LED indicator.
- The mic is a passive device, powered by the system host or PoE switch, with input voltage of +48V.
- Through the host settings, the chairman mic has the priority function (can mute or turn off all delegate mics), and the podium mode (the chairman mic is always on).
- The chairman mic has the permission to approve the application for speaking from the delegate mic.
- The chairman mic can be turned on freely without being restricted by the number of speaking mics, and

its connection position is not restricted.

- The chairman mic has the priority function of fully controlling the conference order.
- Support “hand-in-hand” connection mode.

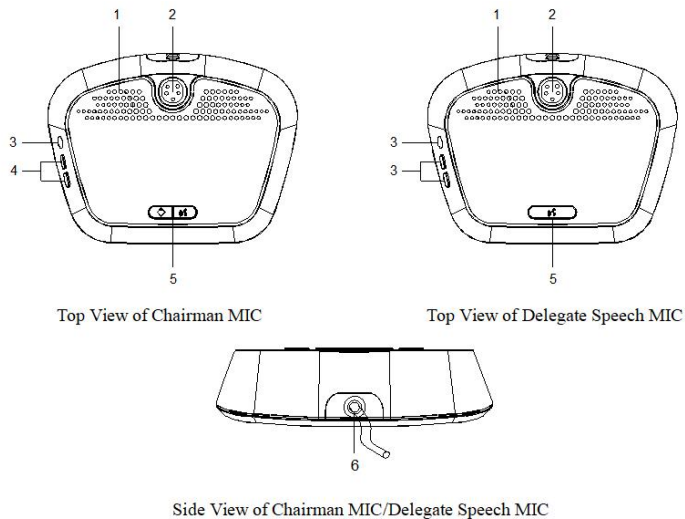
Specifications

Model		D7223A/D7224A
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		Host +48V power supply or +48V PoE switch
Unit Interface		Dante network interface
MIC	Microphone Type	Electret cardioid condenser
	Sensitivity	-30dBV/pa
	Input Impedance	2k Ω
	Equivalent Noise	20dB(SPL)
	MAX. SPL.	125dB(THD<3%)
Package Dimensions		485×280×120mm
Machine Dimensions (W×D×H)		175×133×46mm
Gross Weight		2.4kg
Net Weight		0.8kg

Front / Rear Panel

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

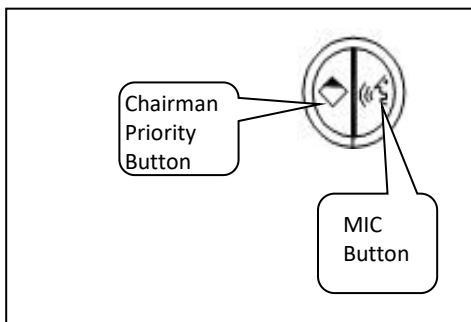
- Connected with a 3.5mm plug.

4. Volume Adjustment Button

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

5. MIC Button and Indicator

- The MIC button / Speech application button and indicator of the delegate speech mic. The indicator is on when the button is pressed to turn on the microphone; the indicator flashes when the button is pressed to apply for speaking, to renumber the mic or to track the position.
- The MIC button and chairman priority button and indicators of the chairman mic.



- The indicator is on when the MIC button is pressed to turn on the microphone, and the indicator flashes during mic renumbering and camera tracking positioning.
- Press the chairman priority button to mute or turn off the mic that is speaking.

6. Dante Network: RJ45 Cable

Connect the host or PoE +48V switch to power the Dante microphone for audio transmission and control. This cable is 2m in length. An extension connector is required if the length is more than 2m (it is recommended that the maximum length should be less than 80m), as shown in the figure below.

