

## D7221A D7222A

### Desktop Speaking & Voting Conference Unit



#### Description

The D7221A / D7222A Desktop Speaking & Voting Conference Units integrate speaking, voting, and real-time status display in a compact design. Featuring a cardioid condenser microphone, they deliver clear voice pickup with excellent resistance to interference. The built-in high-fidelity loudspeaker automatically mutes when the microphone is activated to effectively prevent feedback. Equipped with a 2.4-inch OLED display, the units support chairman priority, voting functions, and automatic camera tracking, making them ideal for medium to high-end conference rooms and multi-purpose venues.

#### Features

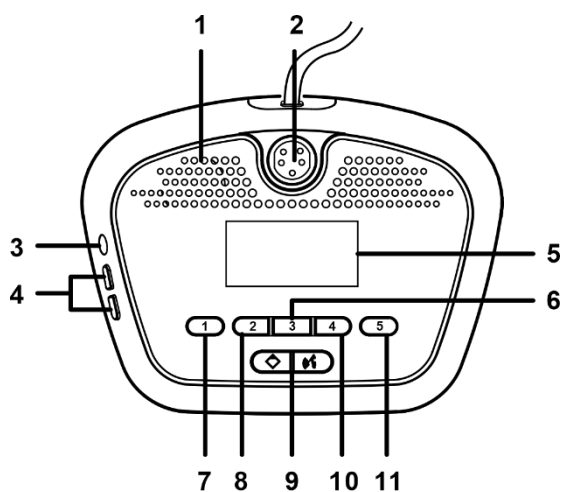
- Integrated discussion and voting functions in a single conference unit.
- Comes with a 2-meter dedicated high-density cable with RJ45 connector.
- Equipped with a cardioid electret condenser microphone with a dual-color LED ring (red/green).
- Standard aluminum alloy square microphone stem; optional gooseneck microphone stem available.
- Microphone stem can be detached during recess for convenient maintenance and storage.
- Excellent resistance to mobile phone interference.
- Built-in magnetic high-fidelity speaker; speaker automatically mutes when microphone is active to prevent feedback.
- 3.5mm stereo headphone jack for connecting headphones; headphone volume adjustable.
- Equipped with 5 voting keys; chairman unit has priority key and supports key-based check-in.
- Each unit has a unique ID number.
- High-brightness 2.4-inch OLED display for real-time status monitoring.
- Compatible with cameras: after configuration via the digital conference system host or PC software, the unit can support automatic camera tracking.
- Self-diagnostic functionality when connected to the control host. Self-check function for unit: buttons, microphone, LED indicators, LCD screen, and built-in speaker.

- Passive unit powered by host system or PoE switch, with an input voltage of +48V input.
- Microphone activation triggers a notification sound; sound can be enabled or disabled via settings.
- Chairman unit supports priority function and podium mode through host configuration.
- Chairman unit can initiate voting and approve delegate speaking requests.
- Chairman unit can freely open and control meeting order without speaker number limitation.
- Chairman unit connection position is unrestricted.

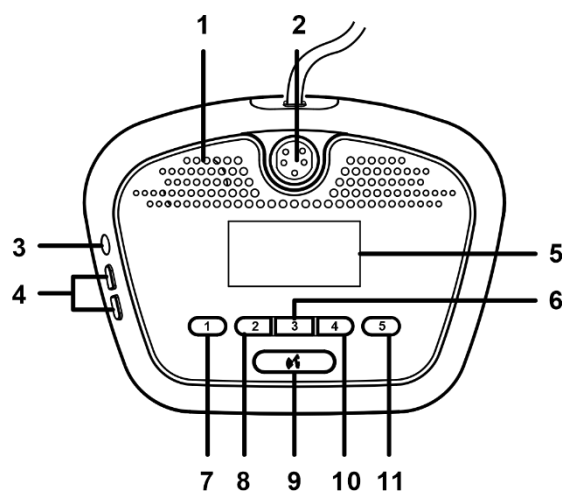
## Specifications

Model		D7221A D7222A
Structure Type		Desktop
Effective Frequency	Unit A to Unit B	50Hz-14kHz
Range for Gain Limiting (±3dB)	Host Line to Unit	30Hz-18kHz
	Unit to Host Line Output	40Hz-16kHz
Speaker Power		1.5W
Static Power Consumption		<6W
Maximum Power Consumption		8W
Signal-to-Noise Ratio		>75dB
Crosstalk Attenuation		>80dB
Harmonic Distortion		<0.5%
Headphone Output		9dBu, 8-32Ω, 3.5mm
Operating Power (Battery Pack)		Powered by host system or PoE switch, with an input voltage of +48V input.
Unit Interface		Dante network interface
Microphone	Microphone Type	Cardioid electret condenser
	Input Sensitivity	-42±2dBV/Pa
	Frequency Response	50Hz-20KHz
	Maximum SPL	125dB
Product Dimensions (W×D×H)		175×133×46mm
Package Dimensions		485×280×120mm
Net Weight		0.8kg
Gross Weight		2.4kg

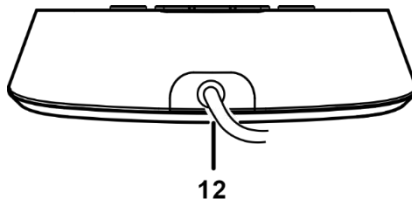
## Front / Rear Panel



Top View of Chairman Unit



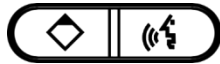
Top View of Delegate Unit



Rear View of Chairman/Delegate Unit

1. Built-in speaker; speaker automatically mutes when microphone is active or headphones are plugged in.
2. 5-pin screw-type microphone connector.
3. 3.5mm headphone jack.
4. Volume control buttons to adjust headphone and speaker levels.
5. 2.4-Inch OLED high-brightness display.
8. Function buttons for microphone status view, voting/rating operation, and display language selection.
7. Rating operation button.
8. Function buttons for display language selection and voting/rating operation.
9. Microphone on/off button with indicator LED.

Chairman Priority  
Button



Microphone  
On/Off Button

10. Function buttons for display language selection, voting/rating operation, and return operation.
11. Rating operation button and End/Return function button.
12. Dante network connection, RJ45 cable (2 meters in length). For extensions beyond 2 meters, a network pass-through connector is required (recommended maximum length: 80 meters).