D7233 D7234

Dante Embedded Chairman/Delegate Microphone

Description

The D7233 D7234 conference unit integrates functions such as speaking, voting, sign-in, self-test, tea application service and two-way intercom. Adopt cardioid directional condenser microphone, built-in internal magnetic speaker, headphone jack, with microphone on indicator ring and touch button light switch indication. It has the function of voice control switch in VOICE mode. Built-in digital high-speed processor and high-fidelity audio circuit. The unit with LCD capacitive touch screen can be operated by touch. The display can show the identity and working status of the chairman unit / VIP unit / common unit. With a variety of working modes, with echo cancellation,howling suppression, background squelch and other functions

Features

- The conference unit is designed for pure speaking.
- The polarized heart-shaped directional condenser pickup, equipped with a dual-color indicator light (red/green). Red indicates speaking, green indicates requesting to speak.
- It features a rotary plug microphone boom, with a miniaturized microphone.
- Standard equipment includes an aluminum alloy integrated square column microphone boom, with a length of 186mm. Optional accessories include goose-neck microphone boom, oval microphone boom, square column microphone boom with analog backup, square column dual microphone boom, and square column with analog backup dual microphone boom.
- The microphone boom can be detached during recesses, facilitating equipment maintenance and storage.
- It has an outstanding ability to resist mobile phone interference.
- Each unit has a microphone power switch, and the chairman unit has a chairman priority key.
- It includes a button check-in function.
- Each conference unit has a unique ID number.
- 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, microphones, and LED indicators.

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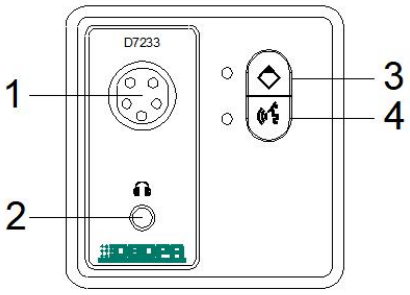
- The unit is a passive device, powered by the system host with +48V PoE.
- Through the host settings, the chairman unit has priority functions (can mute or close all delegate units), and a podium mode (the chairman unit is always on).
- The chairman unit has the function to approve delegate applications for speaking.
- The chairman unit can be freely activated without restrictions on the number of speakers, and its connection location is unrestricted.
- The chairman unit has the priority function of fully controlling the meeting order.
- "Hand-in-hand" connection mode.

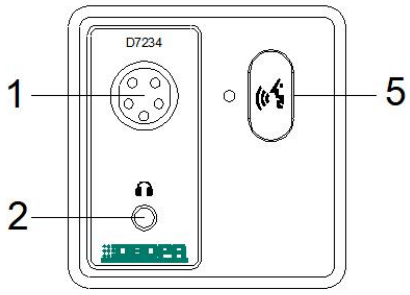
Specifications

Model		D7233/D7234
Structure Type		Embedded
Effective Frequency of Gain Limit (±3dB)	Unit A to Unit B	50Hz-14kHz
	Host Line to Unit	30Hz-18kHz
	Unit to Host Line Output	40Hz-16kHz
Speaker Power		1.5W
Static Power Consumption		<5W
Maximum Power Consumption		8W
SNR		>76dB
Crosstalk Attenuation		>80dB
Harmonic Distortion		<0.3%
Headphone Output		9dBu，8-32Ω，3.5mm
Working Power		Host +48V PoE Power Supply
Unit Interface		Dante Network Interface
Microphone	Microphone Type	Electret Cardioid Capacitive Microphone
	Sensitivity	-30dBV/pa
	Input Impedance	2kΩ
	Equivalent Noise	20dB(SPL)
	Max. SPL.	125dB(THD<3%)
Package Size		500×200×180 mm
Machine Size (W×D×H)		80×80×145mm
Desktop Counterbore Size		81×81×3mm
Desktop Hole Size		73×70mm

Front / Rear Panel



D7233 Front View



D7234 Front View

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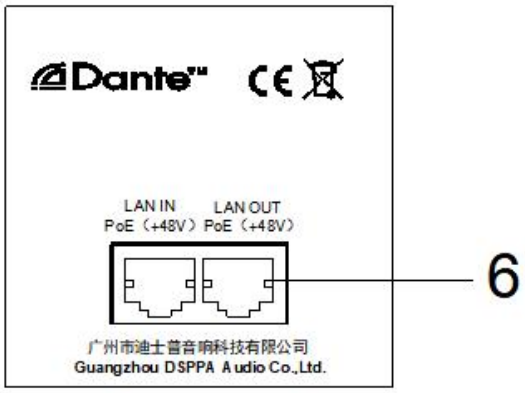

D7233/D7234 Bottom View

1. Microphone Interface

- Detachable 5-pin screw microphone interface

2. Two Headphone Jacks

- Connect using a 3.5mm plug

3. Chairman's Priority Function Touch Key and Indicator Light

- Pressing the chairman's priority button causes the indicator light to turn red, at which point the unit currently speaking can be muted or turned off.

4. Chairman Unit Microphone Switch Touch Key and Indicator Light

- When the microphone switch button is pressed to turn on the microphone, the indicator light turns red. During the unit renumbering and camera tracking positioning, the indicator light flashes.

5. Representative Speaking Unit Microphone Switch Touch Key / Speaking Application Touch Key and Indicator Light

- Pressing the button to activate the microphone causes the indicator light to turn red; pressing the button to send a speaking request, renumber the unit, and enable camera tracking and positioning causes the indicator light to flash.

6. 100Mbps + 48V Power over Ethernet (PoE) RJ45 Network Interface

- Port transmission rate: 100Mbps;
- Dante audio transmission protocol, +48V PoE power supply;
- Used to connect the conference host and conference units of this system.

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