

DVDO

DVDO-CRSP-1

Omnidirectional Conference Room Speakerphone Kit



DVDO-CRSP-1 is a speakerphone kit for conference room applications that includes a main speakerphone and an extension speakerphone. The two speakerphones connect to each other over RJ45 and use 4 microphone arrays with a 360° voice pickup range up to 8m / 26ft.

The main microphone can be connected over USB or Bluetooth 5.0 with the included Bluetooth dongle.

DVDO-CRSP-1 features automatic echo cancellation, dynamic noise reduction and 48kHz wideband audio for clear voice reproduction.

Features

- Kit includes main speakerphone & extension speakerphone that connect over RJ45
- USB plug & play or Bluetooth 5.0 with dongle
- Wideband 48kHz audio
- 4 microphone array with 360° voice pickup range up to 8m / 26ft
- 100Hz - 22kHz frequency response
- Automatic noise reduction & echo cancellation
- 10 hour talk time / 90 day standby
- Dimensions: 152 x 152 x 38mm / 6.2 x 6.2 x 1.5in
- Weight: 1kg / 2.2lbs
- Cascade cable length: 5m / 16.4ft

Applications

- Conference Rooms
- Education
- Courtrooms
- Boardrooms
- Lecture Capture
- Live Streaming

Technical Specifications

Parameters	
Acoustic Echo Cancellation (AEC)	Full-duplex echo cancellation depth can reach more than 65dB
Echo length	≥500ms
Two-way Noise Compression (NC)	Noise compression below 25dB
Automatic Direction Finding technology of Intelligent Microphone (EMI)	Support
Automatic gain control technology (AGC)	Support
Microphone Frequency Response	100Hz-22KHz
Speaker Frequency Response	100Hz-22KHz
Pickup range	4m / 13ft, 360°
Speaker volume	Maximum: 85dB
Bluetooth	Support
Interface	
Main microphone	Line in/out: 3.5mm audio in/out interface
	RJ45 network port: connect to extension microphone
	USB Interface: Type-B audio in/out interface
	Power switch: press 3 seconds to turn on the device
Extension microphone	RJ45 network port: connect to main microphone
Buttons Description	
	Button silk screen: 
	Volume button: 
	Bluetooth On/Off button: 
	Pick up button: 
	Microphone mute button: 
Indicators	
Bluetooth status indicator	Flashing blue light: Bluetooth pairing status Solid blue light: Bluetooth is connected
Microphone status indicator	Green light on: microphone is working Red light on: microphone is muted
Power status indicator	Red light on: battery is low and needs to be charged Flashing green light: charging Green light on: battery is fully charged
Power	
Built-in battery	Built-in 5200mA battery lasts more than 8 hours. Standby time 90 days
USB	Support USB charging
Environment	
	Reverberation time: < 0.5 second
	Noise level: < -48 dBA
	System: Windows/Android/iOS/Linux
	Power supply: AC100~240V, 50-60HZ, 12W
	Operating temperature: 0°C-50°C
	Humidity: 20%-85%
	Safety specifications: CE mark (LVD & EMC Directives); RoHS
Dimensions	152 x 152 x 38mm / 6.2 x 6.2 x 1.5in
Weight	1kg / 2.2lbs
Accessories	USB cable/cascade cable/instruction manual/certificate/warranty card/Bluetooth dongle