



DM300 Digital Microphone Array

DM300 adopts Eacome's innovative Deverberation technology, which can clearly remove the reverberation of environmental changes, and provide you with excellent voice pickup at a distance of 8m. The DM300 digital array microphone is available for ceiling mounting, wall-mounting and desktop use. Whether it's audio and video conferencing, voice enhancement, or education training, it's easy to use and quick to deploy.

Product Description

- Digital array microphone, 8 meters long-distance voice pickup
- Innovative multi-chaining, supporting up to 4 units
- Type-C interface, plug and play
- POE interfaces, support long-distance power supply and data transmission
- Intelligent noise reduction, echo cancellation, reverberation suppression and full duplex communication
- Intelligent voice tracking provides adaptability to different sound environments
- Available for ceiling mounting, wall mounting and desktop use
- Made of aluminum alloy, the appearance of wrapping cloth, exquisite and durable



Compatible Software



Bluejeans



lifesize.

zoom

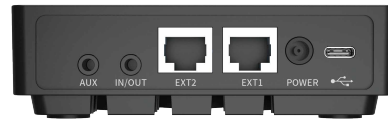
Connection Diagram



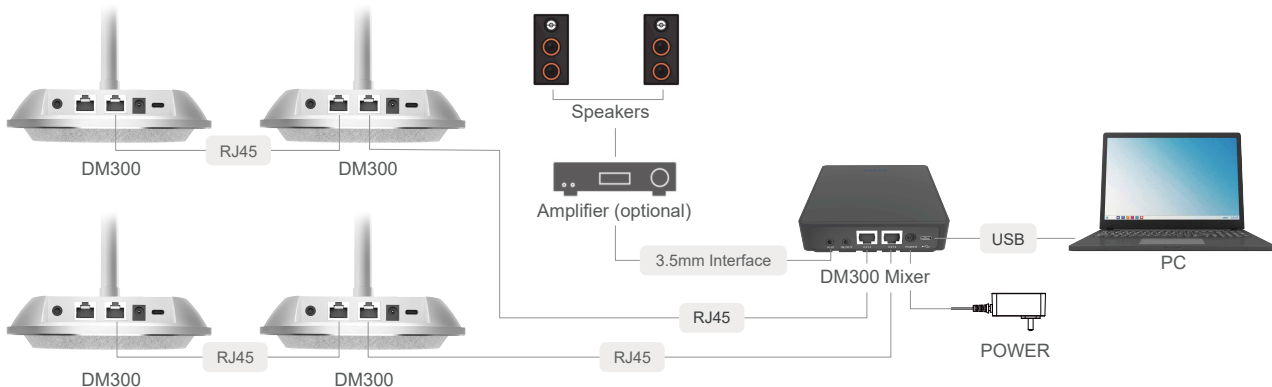
Product Parameters

Digital Array Microphone		Audio Parameters	
Microphone Type	Omnidirectional Microphone	3A Algorithm	AEC / ANS / AGC
Built-in Mic	Built-in 10 Microphone Array		
Pickup Distance	8 Meters		
Sensitivity	- 26 dBFS		
Signal Noise to Ratio	> 95 dB (A)		
Frequency Response	20 Hz - 16 kHz		
Sampling Rate	32 kHz Broadband Sampling		
USB Protocol	Support UAC		
Interface	DC 12V *1, RJ 45 *2, 3.5 mm *1, Type-C *1		

DM300 Audio Mixer



DM300 Mixer is an audio mixing processor with remote communication capabilities, specially designed for multiple DM300 units cascading. The DM300 Mixer supports the cascading of 2-4 DM300. It has a professional echo cancellation function to reduce all kinds of howling and noise, and has intelligent noise reduction to suppress environmental noise, can improve and ensure clear and smooth sound quality; DM300 is suitable for the conference room of 80-200sqm. It supports remote USB, 3.5mm line-in / line-out and other communication interfaces to connect to communication terminals, educational recording and broadcasting hosts. It also supports 3.5mm AUX interface to connect to mixers, power amplifiers and speakers to achieve far-end sound output.



Product Parameters

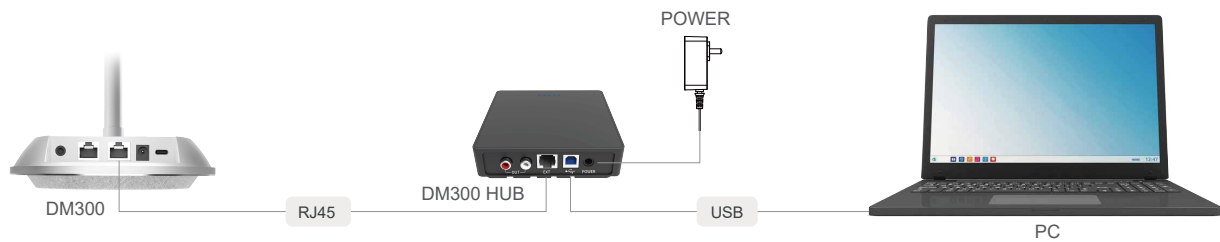
Technical Parameters		Interface	
Acoustic Echo Cancellation (AEC)	Full-duplex Echo Cancellation ≥ 65 dB	3.5mm Audio Interface	2 Pcs
Echo Length Cancellation	≤ 500 ms	USB Interface	1 Pcs
Two-way Noise Compression (NC)	≤ 18 dB	Network Interfaces	2 Pcs
Intelligent Microphone Automatic Direction Finding Technology (EMI)		Power Supply Interface	1 Pcs
Automatic Gain Control technology (AGC)		Cascading Way	POE Supply Power
Using Environment and Specifications		Power Supply	Adaptor DC 12V / 2A
Reverberation Time	< 0.5s	Standard Accessories	
Noise Level	< - 48 dB (A)	DM300 Mixer	
Rated Power Supply	AC 100 - 240V, 50 / 60 Hz	Power Cable	
Working Temperature	0°C - 50°C (Working Status)	Network Cable	
Humidity	20% - 85%	User Manual	

DM300 HUB For Long-distance Connection



DM300 HUB is very powerful, which can be used for long-distance transmission of DM300 and compatible with various devices in the market. It can transmit power and data up to 10-30 meters through the RJ45 interface of HUB (The POE cable is standard 10-meter long), which not only solves the using range in large scenes, but also greatly simplifies wiring.

In addition, HUB can connect the communication terminal and educational recording and broadcasting host through the USB interface, connect the AV terminal and other audio output (AUX) with recording device to record the local microphone.



Product Parameters

DM300 HUB	
Power Supply	Adaptor DC 12V / 1A
Power For DM300	POE
Audio	Audio Long-distance Transmission, Audio Data Communication
AV Audio Interface	2 (for local audio)
Network Interface	RJ 45 *1
USB Interface	USB-B *1



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