



Conference Microphone TS- 0310DMA

Embedded software: Full digital conference system audio transmission embedded software V2.25



Features

- *The unit has a digital-analog dual backup function, and supports seamless digital switching between digital transmission links and analog backup links. When the digital transmission link is interrupted, it automatically switches to the analog audio link. The switching process is smooth, ensuring the stability of the meeting.
- *The unit adopts 36V power supply from the controller and 48V phantom power supply, uncompressed audio transmission technology, 48K sampling rate, 80Hz-16KHz bandwidth for perfect sound quality.
- *The unit uses 100M network transmission and is connected through a controller link. Long-distance transmission will not affect the sound quality.
- *Unit communication uses standard TCP/IP protocol, and each unit can support ping packet function.
- *The combination of a 4.3-inch full-color touch screen and capacitive touch buttons can effectively eliminate the sound of keystrokes and ensure a good venue environment.
- *The unit has speech timing and scheduled speech functions, and the delegate unit has the function of applying for speech.
- *The unit supports the sign-in function, and you can also prohibit the unit sign-in, control unit sign-in and other functions through PC software.
- *The unit supports voting function, with multiple voting modes to choose from, and the options can be customized and sent to the unit for display.
- *The unit supports IP address sniffing function, and the ID number, IP address, MAC address and other parameters of unknown units can be found through PC tools.
- *The unit has two 3.5mm headphone jacks and, when used with a simultaneous interpretation system, supports listening to any two different interpreter channel audios on the simultaneous interpretation 63+1 channel.
- *The unit supports PC software microphone control, and can set whether to display the clock and support voice control function.
- *The unit has feedback suppression function and voice control function, and the voice control sensitivity is adjustable.
- *The unit has a 5-band EQ adjustment function, which can adjust different sound effects according to the speaker's voice characteristics until the perfect effect is achieved.
- *Each microphone unit supports web management services and web page firmware upgrade functions; supports four language switching, adjustment of microphone ID number, microphone sensitivity, microphone EQ and other parameters.
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Specification

Microphone type	Electret condenser
Microphone directivity	Cardioid
Frequency response	80Hz~ 16kHz
Microphone input impedance	1K Ω
Sensitivity	- 40 \pm 1 dB (0dB=1V/Pa,at 1KHz)
Maximum SPL	1 2 0dB (THD < 3%)
Signal-to-noise ratio	>80dB(A)
Crosstalk	>70dB
Dynamic range	>80dB
THD	< 0.1 %
Maximum power consumption	3 W
Built-in speaker	2W@4 Ω ×1
Power supply mode	Conference controller power supply/simulated 48V phantom power supply
Color	Fine sand graphite gray
Sign-in function	Sign in by key
Dimensions (L×W×H)	136*140*48.5(mm)(without microphone rod)
Mic rod size	240mm
Installation	Desktop
Weight	1.3kg

Φ 14 Microphone Core Graphic Coordinates

Frequency response curve



Frequency(Hz)	100	200	900	1000	1200	2000	4000	5000	8000
Upper Limit(dB)	3	3	3	0	3	3	3	3	6
Lower Limit(dB)	-10	--8	-4	0	-4	-4	-5	-6	-7



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Microphone core cardioid polar pattern

