Conference Microphone

Embedded software: conference chairman control embedded software V1.2

TS-0230M3

Feature:

* Embedded lifting design, neat and elegant appearance, simple and intuitive operation.
* Winding condenser microphone pole, professional super cardioid condenser microphone core, extremely high sensitivity and speech intelligibility, and a ring-shaped red and green dual color indicator light.
* Adopt 48KHz sampling rate, clear and bright sound, better than CD sound quality; adopt internal DSP audio processing, and no low frequency "pop" noise.
* Support internal feedback suppression function, effectively prevent squealing.
* Support 5-band EQ adjustment function, sound effects can be adjusted according to different speakers' voice characteristics to achieve the perfect effect.
* The chairman has a priority function and can turn off all delegate microphones that are speaking.
* Support voice control function, and adjustable sensitivity of the voice control. In the voice control mode, both the chairman unit and the delegate unit can turn on the microphone by voice control. After the delegate microphone is turned on, if no one speaking lasts for 30 seconds (default), the microphone will be automatically turned off, while the chairman is not limited by this.
* Support RS232 and RS485 dual serial port control connection mode, support connection to the central control system, and realize the unified raising/lowering function.
* Using 100M network transmission to achieve hand-in-hand cascading, long-distance transmission will not have any impact on sound quality.
* Support intelligent control of the microphone, the microphone can only be turned on when it is lifted to the top, and will be automatically turned off when it is lowered.
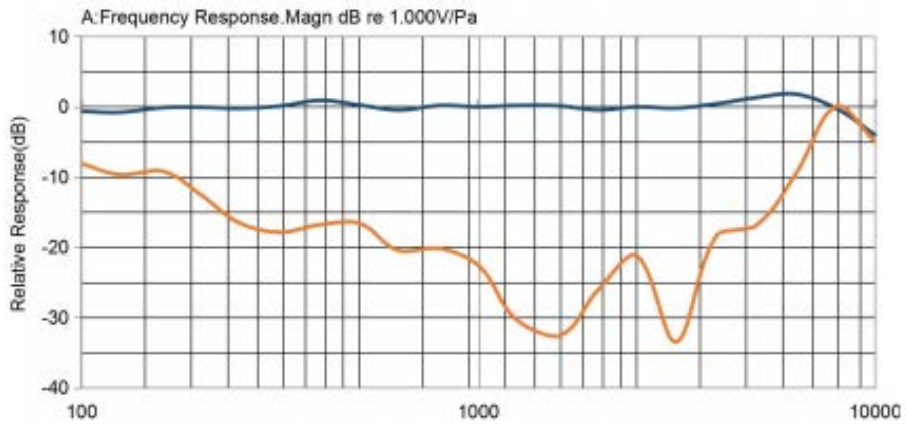* The conference controller can realize command issuing and control the unit lifting and lowering.

Specifications:

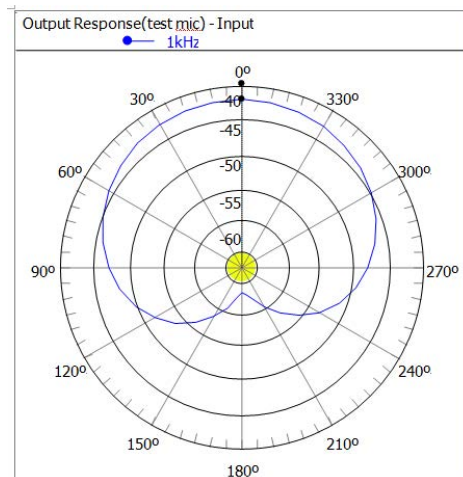|	
Model	TS-0230M3
Microphone type	Cardioid pattern electret condenser microphone
Frequency response	80Hz-16KHz
Microphone input impedance	680Ω
Sensitivity	-41±1.5dB (0dB=1V/Pa,at 1KHz)
Max SPL	120dB
SNR	>80dB(A)
Dynamic range	>80dB
THD	<0.1%
Power consumption	2W
Connector	6-pin aviation connector
Power supply	Controller power supply DC36V/3W
Control prot	With 1 set of 232/485 input and output interface, it can control the microphone lifting/lowering; it supports hand-in-hand connection.
Microphone port	2 sets of six-pin aviation ports, realize the hand-in-hand connection of multiple units
Power supply mode	Mains 110~240V 50/60HZ
Color	Silver
Sign-in function	Physical button sign-in
Weight	About 5.5 Kg
Microphone pole	409mm
Size	160×70×717mm (L×W×H)
Installation method	Embedded installation
Desktop opening size (through hole)	147×62mm (L×W)
Panel sinking size	161×71×4mm (L×W×D), rounded corner: 4×R4

Φ9.7 microphone core graphics coordinates

Frequency response curve

A:Frequency Response.Magn dB re 1.000V/Pa

Microphone Cardioid Pattern

Output Response(test mic) - Input
1kHz

Opening size drawing

Desktop