



## Conference Microphone TS-0230MA-P

### Embedded software: Multi-function sound source control embedded software V2.11



## Description

The embedded lifting microphone has a 1.6-inch LCD touch screen and is equipped with digital conference software. It can display the clock, sign-in, voting, conference services, and the names of conference guests. It supports switching between four languages: Chinese, English, Russian, and French to meet the needs of different users.

## Features

- \*The product adopts an embedded lifting design. The overall appearance is simple and elegant, the operation is simple and intuitive, and the sense of modern technology is undoubtedly evident.
- \*Adopts a windable condenser microphone boom and a professional super-cardioid condenser microphone core, which offer extremely high sensitivity and voice clarity, along with a ring-shaped red and green two-color indicator light.
- \*The microphone adopts 48KHz sampling rate, which is higher than the sound quality of CD, clear and bright; it has DSP audio processing inside, and there is no "puff" low-frequency impact sound.
- \*The internal feedback suppression function can effectively prevent howling.
- \*It 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.
- \*Supports voice control function, and can adjust the voice control sensitivity. In voice control mode, both the chairman unit and the representative unit can turn on the microphone by voice control. After the representative microphone is turned on, the microphone will be automatically turned off if there is no speech for 30 seconds (default). The chairman is not subject to this restriction.
- \*It has RS232 and RS485 dual serial port control connection modes, supports connection to the central control system, and realizes unified raising / lowering functions.
- \*Adopts 100M network transmission to realize hand-in-hand cascading, and long-distance transmission will not affect the sound quality.
- \*Intelligent control of the microphone, the microphone can only be turned on when it is raised to the top, and it will automatically turn off when it is lowered.
- \*The conference controller can send commands to control the unit to rise and fall.
- \*The lifting microphone panel has a 1.6-inch touch screen, which integrates multiple functions: including clock display interface, sign-in, voting, conference service application (including tea, manual service and paper and pen supply), display brightness adjustment, microphone switch, microphone lifting control and pause function. It has four language interface switches: Chinese, English, Russian and French to meet the language needs of different users.



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### Specification

Control interface	1 set of 232/485 input and output interfaces, can control the microphone lifting and lowering, support hand-in-hand connection
Microphone interface	2 sets of six-core aviation line interfaces, which can realize the "hand-in-hand" series connection of multiple units
Power supply	Mains 110~240V 50/60HZ
Weight	Approx. 5.5 kg
Dimensions (L x W x H)	160×70× 717mm
Installation	Embedded
Desktop opening size (through hole) (L×W)	14 7 × 6 2 mm
Counterbore size (L×W×D)	16 1 × 7 1 × 4 mm , corner radius: 4 × R 4 mm

### Screen parameters

Screen size	1.6 inches (IPS full lamination)
Screen resolution	400 × 400
Screen brightness	450 cd/m <sup>2</sup>
Touch type	Capacitive touch screen
Capacitive touch screen	Single point, sliding touch
Screen effective display area	39.8×39.8mm
Color	65K, 16-bit RGB

### Microphone parameters

Microphone type	Cardioid electret
Frequency response	80Hz- 16k Hz
Microphone input impedance	680 KΩ
Sensitivity	- 41 ±1.5dB (0dB=1V/Pa, at 1KHz)
Maximum SPL	120dB
Signal-to-noise ratio	>80dB(A)
Dynamic range	>80dB
THD	<0.1%
Power consumption	2W
Connectors	6-pin aviation connector
Microphone power supply	Host power supply DC36V /3W