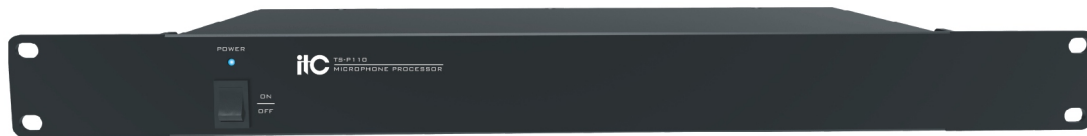




Microphone Processor

Integrated audio management software V6.17

TS-P110



Description:

It is a self-developed high-performance digital audio processor with built-in DSP digital processing chip. It adopts technologies such as adaptive feedback suppression, auto equalization, auto gain and environmental noise reduction to provide users with excellent sound quality. It is applicable to large classrooms, lecture halls and other application environments.

Feature:

- * Using automatic sound field detection algorithm, the system can automatically configure audio parameters according to the acoustic environment, which is very convenient for users.
- * Built-in high-performance DSP processor, it supports automix, adaptive feedback suppression, auto gain, auto equalization, environmental noise reduction and other functions.
- * With 1 microphone input, it supports standard 48V phantom power supply.
- * With 1 LINE IN input, it supports signal detection function. When it is detected that there is audio input in LINE IN, the microphone will be automatically muted to prevent the front speaker from performing secondary sound reinforcement to the microphone.
- * With 2 LINE OUT outputs, 2 sets of external amplifiers can be connected for sound reinforcement in large classrooms or lecture halls.
- * With 1 SPK signal detection terminal, when the SPK has audio input, the microphone is automatically muted to prevent the front speaker from performing secondary sound reinforcement to the microphone.
- * With 1 RS-485 communication interface, it is used to connect the control panel for parameter setting and control.
- * Built-in 4*30W high-efficiency smart digital amplifier, it can be connected to four 8Ω constant resistance speakers to meet the needs of local sound reinforcement.
- * Support three-band EQ equalization settings, users can adjust the bass, alto and treble according to the actual effect.
- * Support low-cut settings to effectively filter ambient noise and low-frequency noise.
- * Support the adjustment of microphone input sensitivity; microphone and LINE IN output volume can also be adjusted independently.
- * Support manual noise reduction settings, and support adjustable fifteen noise reduction levels.
- * Support sound effect settings to enhance the treble effect. The higher the value, the more prominent the vocals, and the higher the clarity and restoration.
- * Support multiple scene presets, and support operations such as scene save, scene recovery, and factory reset, etc.

Specifications:

Model	TS-P110
Amplifier rated power	4*30W
Amplifier impedance	8Ω
Device interface	1 control industrial terminal, 1 LINE IN, 1 MIC IN, 1 SPK IN, 2 LINE OUT, 4 SPK OUT
MIC IN sensitivity	40mV
MIC IN frequency response (+1dB/-3dB)	80Hz~7KHz
LINE IN frequency response (+1dB/-3dB)	80Hz~16KHz
LINE OUT output level	775mV
LINE OUT output impedance	470Ω
THD	≤1%
SNR	≥73dB
Working temperature	-10°C~45°C
Relative humidity	20%~80%, no condensation
Power voltage	~220V 50Hz
Maximum power consumption	200W
Dimension	349*172*42.5mm
Weight	2Kg