Audio Processor

TS‑3400MIX

Description

It is a professional audio processor that is applicable to digital conference systems. It supports intelligent mixing to solve the problem of howling when multiple microphones are turned on at the same time, and supports audio processing functions such as automatic gain and feedback suppression.

Feature

* The panel is designed with AFC touch keys and working indicators.
* Equipped with 2 network ports for connecting wireless AP and communicating with the conference server; connect to the digital conference server through network protocol to realize audio data transmission.
* With auto mixing functions, including gain sharing type auto mixing and gate type auto mixing.
* Support AFC feedback suppression function, adopt dual notch + frequency shift method, automatically grab the howling point and set the notch frequency, the notch filter supports 12 fixed points + 12 dynamic points to effectively eliminate the howling function.
* With automatic gain function, it can effectively keep the microphone volume within a certain dynamic range.
* With the microphone voice activation function, set the tracking threshold, and the camera tracking function can be realized when the microphone speech reaches the threshold.
* Working with the digital conference server, with the auto mixing function, it can support up to 16 wired microphones and 8 wireless microphones at the same time.
* With 1 XLR balanced output and 1 RCA unbalanced output.
* With 1 EXTENSION interface, used to connect the extension port of the digital conference server.
* With 1 RS-232 communication interface (camera tracking), connected to the central controller or the camera tracking controller to realize the speech camera tracking function.
* With 1 RS-485 communication interface, used to connect cameras to achieve camera tracking.
* With 1 RS-232 communication interface (speech transcription), used to connect a speech transcription server to realize the function of speech transcription.
* With 1 XLR balanced output and 1 RCA unbalanced output.
* With 1 EXTENSION interface, used to connect the extension port of the digital conference server.
* With 1 RS-232 communication interface (camera tracking), connected to the central controller or the camera tracking controller to realize the speech camera tracking function.
* With 1 RS-485 communication interface, used to connect cameras to achieve camera tracking.
* With 1 RS-232 communication interface (speech transcription), used to connect a speech transcription server to realize the function of speech transcription.ssing functions such as automatic gain and feedback suppression.

Specification

Model	TS‑3400MIX
Simultaneous turned-on microphone	16 wired mics + 8 wireless mics
Frequency response	80Hz ~ 16kHz
SNR	> 75dB(A)
Dynamic range	>75dB(A)
THD	<0.05%
Main power supply	100-240AC/50-60Hz
Audio output	LINE OUT 1: 1V XLR balanced output ; LINE OUT 2: 1V RCA unbalanced output
Output load	>1KΩ
Static power consumption	3.3W
Connection method	RJ45 network port
Indicator light	AFC function indicator, audio signal indicator, working status indicator, power indicator
Working temperature	-10℃~+60℃

Working humidity	20%～80% relative humidity, no condensation
Weight	2.51kg
Dimension (L×W×H)	484×214×44mm
Installation method	19-inch standard cabinet