



# Conference Microphone 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

1. With intelligent mixing and voice detection functions, it can realize the simultaneous opening of 16 wired conference units + 8 wireless conference units and real-time detection of conference unit dB values; when the speaker speaks, the conference unit automatically adjusts to the speaking state, and the camera is linked to automatically track the speaker; when the speaker stops speaking, the conference unit automatically adjusts to the silent state, and the camera is linked to automatically switch to the panoramic screen.
2. The product software is integrated with the digital conference host software, which can be used to configure the digital conference host and conference microphone processor with the same software; it supports the centralized control of various audio devices with the audio integrated management platform, including digital conference system software module, electronic table card software module, feedback suppressor software module, intelligent mixer software module, digital audio processor software module, and intelligent control digital professional amplifier software module. Each module is opened and presented in the status bar window, which can be quickly managed and called.
3. The rear panel has 1 boat switch, 4 RJ45, 1 RS485, 2 RS232, 1 TYPE-C interface, 1 DIP switch, 1 XLR output interface and 2 RCA output interfaces; the front panel has 1 AFC capacitive touch switch; 4 status indicators (including 1 AFC function status indicator, 1 audio signal light, 1 processor working status indicator, and 1 working power indicator).
4. The processor and the digital conference host transmit the conference unit audio signal through the network transmission link. The digital conference unit audio signal can be received only through the network cable, and provides automatic gain, automatic mixing, AFC feedback suppression (24 programmable notch points), EQ adjustment (31-band graphic equalizer adjustment) audio processing functions.
5. It adopts the howling detection threshold update method, frequency shift + notch combined feedback suppression method, with 24 programmable notch points, free allocation of dynamic/static points, automatic/manual switching.
6. It has 1 RS485 and 1 RS232 interface, which can be connected to the camera to realize the camera tracking function; it has 64 built-in microphone preset positions to meet the camera tracking needs of large conference rooms.
7. It has 1 RS-232 communication interface (voice transcription), which supports the connection to the voice transcription server to realize the voice transcription function.
8. The panel has AFC touch buttons and function working indicators.
9. It has 2 network ports for connecting wireless AP and communicating with the conference host; it connects to the digital conference host through the network protocol to realize audio data transmission.
10. It has automatic mixing function, including gain sharing automatic mixing and threshold automatic mixing.
11. It has automatic gain function, which can effectively keep the microphone volume within a certain dynamic range.
12. It has microphone voice excitation function, and the tracking threshold can be set. When the microphone reaches the threshold, the linkage camera tracking function can be realized.
13. It has EQ adjustment function, and the output has 31-band graphic equalizer adjustment.
14. It has 1 XLR balanced output and 1 Lotus unbalanced output.
15. It has 1 EXTENSION interface, which can be used to connect to the extension port of the digital conference host.

### Specification

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



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