



Full digital conference system host

TF-M03300



Feature

- *Supports simultaneous interpretation function, the system can transmit up to 63+1 wired simultaneous interpretations at the same time.
- *It has 1 RS-485 interface, supports one camera for camera tracking, and supports PELCO-D and VISCA control protocols. Cooperate with the camera tracking host to achieve multi-channel video automatic tracking function.
- *Supports docking with the voice transcription server to implement the voice transcription function .
- *Supports 16-channel output function and can be flexibly configured into role separation output mode, simultaneous transmission output mode, and phase control output mode. Each output channel can adjust parameters such as EQ, volume, delay, etc.
- *Supports 10-segment EQ adjustment function, 16 multi-function output channels and 2 LINEOUT output channels have 10-segment EQ adjustment function.
- *The audio input interface includes 1 RCA, 1 XLR, and 2 Phoenix terminals. The audio output interface includes 1 RCA, 1 XLR, and 16 Phoenix terminals.
- *The system has functions such as initiating meeting check-in, voting, election, rating, satisfaction, and customization.
- *Control audio matrix parameters (including EQ, volume, delay, microphone sensitivity, etc.), 16-channel output mode switching, switch microphone synchronization, Chinese, English, Russian and French language switching, and control role-separated hosts through WEB.
- *Four microphone management modes: FIFO (first in first out), NORMAL (normal mode), VOICE (voice control mode), APPLY (application mode).
- *The powerful ID editing function can be used to ID wired units, wireless units, interpreter machines, and role-separated hosts.
- *Built-in high-performance DSP processor, with audio matrix, howling suppression, EQ, volume, delay and other adjustment functions.
- *A ring-shaped hand-in-hand function can be realized to ensure that the meeting can continue normally when one of the network cables is disconnected or a unit fails.
- *It supports multiple languages including Chinese, English, Russian and French, and can be switched at will.
- *It has a fire alarm linkage trigger interface to provide fire alarm information, reminding venue personnel to evacuate immediately to ensure the safety of participants.
- *It has a 4.3-inch full-color touch screen, which can realize parameter setting or viewing and any touch operation.
- *Equipped with USB recording function, it can record and play meeting minutes.
- *The conference host uses TCP/IP network protocol and supports both C/S and B/S architectures, and can be controlled by PC software or browser.
- *Large system capacity, the system supports up to 4096 wired conference units and 300 wireless conference units. (Under ideal conditions) The maximum number of speakers in the system is 16 wired microphones and 8 wireless microphones.
- *Using clock synchronization and transmission technology, the audio delay is less than 5ms, and the sampling rate is 48K uncompressed audio transmission. The use of Category 5e shielded cables ensures reliable long-distance transmission of conference information while providing perfect sound quality.
- *PC software can check the battery power, WiFi signal and other information status of online wireless units; it supports one-click shutdown of all wireless units and a single wireless unit.
- *Supports AP channel scanning to understand on-site wireless channel usage, supports automatic or manual channel configuration of the best channel, and supports online display list of AP names for easy reference.
- *16-channel phase-controlled output mode, built-in $n \times 16$ audio matrix processor, realizing 16-channel group output function. Any input source (including all input sources and online microphones) can be output to any channel according to any volume ratio.
- *The 16-channel simultaneous transmission output mode allows the simultaneous transmission audio to be output independently according to the channel number, which can be used by recording or monitoring equipment. And the number of output channels can be expanded through external devices.
- *The 16-channel role separation output mode allows wired or wireless units to output independently based on ID numbers, which can be used by recording or voice transcription equipment. And the number of output channels can be expanded through external devices.
- *Supports touching the screen to enter the registration code for host registration.
- *The conference host has the function of setting the host or slave. When the host fails, it can automatically switch to slave operation to achieve double backup function .



Specification

Model	TF-M03300
Installation method	19-inch standard cabinet
Overall dimensions (L×W×H)	484×303×88mm
Net weight	5.6kg
Color	black
Touch screen control	4.3-inch full-color touch screen
Wired microphone connection method	Special cable (6 cores)
Microphone capacity	Wired microphone ≤ 4096; wireless microphone ≤ 300
Simultaneous interpretation channel	63+1 channels
Frequency response	80~16KHz
Signal-to-noise ratio	> 78dB (A)
Dynamic Range	>80dB
Total harmonic distortion	<0.05%
Main power	100-120VAC/200-240VACbyswitch
Audio input	LINEIN1: 775mVrms balanced; 2-channel input Phoenix terminal: 775mVrms balanced; LINEIN2: 775mVrms unbalanced
Audio output	LINEOUT1: 1Vrms balanced; 16-channel multi-function output Phoenix terminal: 1Vrms balanced; LINEOUT2: 1Vrms unbalanced
Output load	>1KΩ
E×TENSION port	Connect conference system expansion equipment
DANTE/NC port	External devices connected to DANTE protocol
WIFI network port	Connect to wireless AP
PC network port	Connect to computer
Static power	30W
Output power consumption	320W