Conference system controller

TF-HEHHXR

Description

It adopts original clock synchronization and transmission technology , 48K sampling rate lossless compression audio transmission , built-in high-performance DSP processor, and has adjustment functions such as EQ, volume, and delay. It is widely used in round table conference rooms, square table conference rooms, multi-functional halls, banquet halls, lecture halls and other places.

Features

1. It has a 2.2-inch TFT-LCD display with a resolution of 240*320 pixels , which can be used to set or view parameters.
2. It has functions such as meeting check-in, voting, election, rating, satisfaction, customization, etc.
3. Ultra-large system capacity, supporting up to 300 wireless conference units and up to 8 microphones at the same time.
4. 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.
5. Supports controlling audio parameters (including EQ, volume, delay, microphone sensitivity, etc.) through the WEB, microphone status synchronization, switching between four languages: Chinese, English, Russian and French, and controlling role-separated hosts.
6. The conference host control panel supports switching between multiple languages including Chinese, English, Russian and French.
7. The conference host has the function of setting the host or slave. When the host fails, it can automatically switch to the slave to achieve dual backup function.
8. 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.
9. Supports 10-band EQ adjustment function. Both LINEOUT output channels have 10-band EQ adjustment function.
10. Supports AP channel scanning, monitors the use of wireless channels on site, supports automatic or manual configuration of the best channel, and supports AP online display list for easy management.
11. Supports docking with speech transcription server to realize speech transcription function.
12. Support remote firmware upgrade via the web.
13. The PC software can check the battery power, WiFi signal strength and other information status of online wireless units, and supports shutting down all wireless units with one click.
14. Powerful ID function, can be used to ID wireless units and role separation hosts.

Specification

Dimensions (LxWxH)	484×258×44mm
Installation	19-inch standard cabinet
color	black
weight	3.2Kg
Four microphone management modes	FIFO (first in, first out), NORMAL (normal mode), VOICE (voice control mode), APPLY (application mode)
Audio Output	LINE OUT 1: 1Vrms XLR balanced output; LINE OUT 2: 1Vrms RCA unbalanced output
Audio Input	LINE IN 1: 775mVrms XLR balanced input; LINE IN 2: 775mVrms RCA unbalanced input
EXTENSION	1 channel, connect conference system expansion device
WIFI port	2-way, with POE function, connected to wireless AP

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PC network port	1 channel, connected to computer
RS-232 interface	2 channels, 1 channel for camera tracking, 1 channel for connecting to external devices
RS-485 interface	1 channel, for camera tracking
Frequency Response	20Hz ~ 20KHz
Signal-to-Noise Ratio	>85dB(A)
Dynamic Range	>80dB(A)
Total Harmonic Distortion	<0.05%
Operating temperature	-10℃~+60℃
Operating humidity	20% ~ 80% relative humidity, no condensation
Balanced input impedance	>10KΩ
Balanced output impedance	470Ω
Unbalanced input impedance	>5KΩ
Unbalanced output impedance	470Ω
Main power supply	100-240AC/50-60Hz
Static power consumption	7.1W
Output power consumption	≤30W