



## Feature:

- **Dual Machine Hot Backup:** A conference control host can be set as a backup host. When the main host fails, the backup host will automatically activate to ensure continuous conference operation.
- **Extension Port:** 1 EXTENSION port supports cascading up to 99 extension hosts, allowing up to 3600 units to connect.
- **Architecture:** Uses RISC embedded digital processing hardware architecture and digital audio algorithm processing technology to effectively prevent feedback and interference.
- **Security:** Encrypted digital conference communication protocol system ensures conference privacy and security.
- **Touch Control:** Utilizes current-coupled static capacitance digital touch conference technology, enabling centralized control of all conference functions via the panel navigation keyboard.
- **Display:** Equipped with a 6.8-inch touch screen with a resolution of 1280x480, displaying system menus and host status.
- **Volume Control:** Supports user-friendly digital volume adjustment for system input and output.
- **Input/Output Ports:** Four conference unit input and output ports, two XLR audio output interfaces, and two Phoenix terminal audio output interfaces, allowing flexible system expansion.
- **Software Modules:** Offers multiple software modules to implement six operating modes, attendance/voting, custom chairman/vice-chairman unit designation, notifications, microphone rotation, time settings, picture settings, camera tracking, central control, and more for future extensibility.
- **Remote Call:** Uses LoRa technology to remotely notify support staff for immediate assistance.
- **Camera Tracking:** Built-in intelligent camera tracking module compatible with RS-485 and RS-232 protocols, enabling automatic camera switching and control with software-based remote control and protocol sharing for lower-level central control devices.
- **Communication:** Supports TCP/IP protocol for communication with management platform computers, enabling background control, expansion, and cascading.

- **Flexible Configuration:** Configurable with various conference devices to meet diverse user needs.
- **Auto-Recovery:** Features auto-repair with hot-swappable connections.
- **Chairman Unit Customization:** Allows temporary designation of any unit as a chairman unit as required.
- **Voting Function:** Supports voting functions, including basic sign-in, response, election, voting, scoring, etc., in coordination with PC software.
- **DSP Partition Module:** Built-in professional DSP partition module.
- **Audio Channels:** Five audio line inputs, four analog audio outputs, and four network channel outputs, with real-time level monitoring and independent adjustment of gain, EQ, mute, mixer, crossover, dynamics, and phase.
- **FT-Designer Platform:** Debugging and monitoring on the FT-Designer platform.
- **Dual Network Backup:** Supports dual backup for network lines.
- **Network Audio:** Supports network audio transmission and DSP processing.
- **Flexible Audio I/O:** Configurable multi-channel audio input/output devices for flexible system expansion.
- **Fire Alarm Trigger:** Fire alarm trigger interface shuts down all conference unit speakers and mutes the venue when triggered with 3.3-5V level input.

## ► Specification:

Parameter	Specification
Frequency Response	20 Hz – 20 kHz
Signal-to-Noise Ratio	> 102 dB
Dynamic Range	> 106 dB (1 kHz)
Total Harmonic Distortion	≤ 0.05%
Power Requirement	AC 100-240V 5A 50-60Hz
Max Power Consumption	18W per unit
Audio Input Interface	XLR x 1
Audio Output Interface	XLR x 2, Phoenix terminal x 2
Control Interfaces	RS232/RS485/RJ45 network port
Unit Interface	4 x large 6-pin DIN
Fire Alarm Interface	1
Color	Silver matte
Weight	5.4 kg

<b>Chassis Specifications</b>	2U
<b>Dimensions (L x W x H)</b>	483 x 360 x 100.5 mm
<b>DSP Partition Control Module</b>	
<b>Parameter</b>	<b>Specification</b>
<b>Analog Input Signals</b>	Four channels
<b>Output Signals</b>	Four analog channels + four network channels
<b>Output Gain Control</b>	-60 to +12 dBu
<b>Gain Control Steps</b>	1 dBu