itc · DIGITAL CONFERENCE SYSTEMS

TS-0400M

Full Digital Smart Conference Controller

The itc TS-0400M is a full Digital Smart Conference Controller from itc's Digital Conference Systems range, built for council chambers, boardrooms, government and university meeting halls, courts and conference centres.

Key figures: simultaneous interpretation channel 63+1 channels; frequency response 20~20kHz; touchscreen control 4.3-inch display. Highlights include with an ultra-large system capacity.



Key features

- Built on a gigabit network audio transmission architecture — Built on a gigabit network audio transmission architecture, all core components use domestically produced chips, and can connect to digital wired microphones,
- With an ultra-large system capacity — With an ultra-large system capacity, it supports simultaneous access and management of 65,535 wired conference units and 300 wireless conference units; it also supports simultaneous
- It features highly integrated DSP audio processing… — It features highly integrated DSP audio processing capabilities, including ducking, automatic gain control, equalizer, compressor, expander, automatic mixing, feedback suppression,
- Equipped with professional-grade audio processing… — Equipped with professional-grade audio processing capabilities, it achieves a low latency of 2-3 milliseconds across the entire audio processing chain, from conference unit
- This industry-innovative system adopts a… — This industry-innovative system adopts a "one-machine-multiple-zone" and "multi-machine interconnection" approach. A single host can be divided into eight independent conference zones,

Technical specifications

Microphone capacity	Wired microphones ≤65535; Wireless microphones ≤300
Simultaneous Interpretation Channel	63+1 channels
Frequency response	20~20kHz
Signal-to-noise ratio (maximum)	18 dBu, ≥110 dB(A)
THD (Analog Input/Output)	+4dBu, ≤0.002%
Main power supply	100-120V~ 50/60Hz/200-240V~ 50/60Hz
Audio input	8-channel Phoenix terminal block (775mVrms balanced)
Audio output	1-line OUT (1Vrms balanced)
Audio output	1-channel LINE OUT (1Vrms unbalanced)
Audio output	8-channel Phoenix terminal block (775mVrms balanced)
EXTENSION port	Two RJ45 network ports (10/100/1000Mbps) for connecting conference system expansion equipment.
WiFi port	One RJ45 Ethernet port (10/100/1000Mbps) for connecting to a wireless access point.
PC network port	One RJ45 network port (10/100/1000Mbps) for connecting to a computer.
RS-232 interface	Two channels: one for camera tracking and the other for connecting to external devices.
RS-485 interface	1 channel, for the camera

Continued specifications on request.