CS-302 | CONFERENCING DISCUSSION SYSTEM WITH DANTE NETWORK INTERFACE

DANTE DIGITAL & WIRED CONFERENCE DISCUSSION SYSTEMS

Dante™ SPOKEN HERE

CS-302 is a simple and affordable conference discussion system. With exquisite design, focusing on application of various conferences, the newly developed sound activate mode, the participants don't need operating manually, just speaking to microphones directly, the microphone unit can be started to speak, simple to use, fully applicable to the various conference locations.
This system is composed of software and hardware, adopt microprocessor control, the unit automatically detect settings, innovation speaking mode setting, limiting times setting, and implementation of system video preset functions. As a new generation of multi function, can be separated from the computer to use, convenient operation of the video tracking discuss conference system, is the ideal solution for conference engineering application.

Key Features

Practical Function

- Adopt the OLED display, can display the microphone status, operating mode, central controller status, the number of speaker, etc.
- 4 kinds of conference mode selection: FIFO, Automatic(with limiting time), Request, Sound activate.
- The central controller can select the number of speakers, active 2/3/4 microphones in a time.
- Support camera tracking, through the serial port RS-232 or RS-422communication protocol control up to 4 cameras, compatible with VISCA, PELCO-D, PELCO-P 3 kinds of camera control code protocol.
- With 4 video inputs and 1 video output port, SD and HD SDI video inputs and outputs are supported. HD SDI supports HDcctv1.0, HD-SDI (ST292), 3G-SDI (ST424) and SD-SDI (259).
- 9-pin serial port control interface can be connected to intelligent control system for camera tracking.
- Support Dante protocol, flexible to meet various engineering solutions.
- The newly developed high-voltage, low-current power supply system minimizes line voltage losses and minimizes the effects of overly long connecting cables. One cable to connect more conference units makes installation easier.
- Adopt using anti shedding aviation cable hand in hand connection mode, the connection is simple, reliable and stable, the whole system required engineering and installation costs can be reduced.

Flexible expanding

- It is easy to expand and change configuration. The central controller connect up to 30 microphone units. If connect the EXP-124W, can connect up to 110 microphone units.
- Connecting telephone coupler can be applied directly to a remote call meeting.

Flexible Speaking

- CS-302C and CS-501C chairman unit has the priority to override all delegate units, to control the atmosphere of the meeting.

Four Speech Mode:
①Time limiting: The speech time limit can be set to 1-60 minutes, and the speech will be automatically closed when the time is up. After reaching the power-on quantity, when another representative wants to speak, it will automatically enterthe request-to-speak registration queue.
②FIFO: FIFO mode (default). After reaching the power-on number, the speaking unit that was opened first is closed by the subsequent speaking unit.
③Request: The speaking of the representative unit needs to be approved by the chairman unit or the operator. In this mode, the chairman unit always keeps the normally open state.
④Voice Activated: When the microphone is turned on by voice, manual operation is not required. After the number of power-on is reached, the speaking unit that is turned on first is turned off by the subsequent speaking unit.

Multiple Ports

- With record output can connect the recorder, all records can be fully recorded and saved, also can connect the external audio device.
- With anti drop 9P aviation plug and Cat5 TypeB network port

Clear Sound Quality

- With automatic gain audio processing circuit, prevent feedback effectively and improve the clarity of the whole system.

Product Specification

CS-302M
Central Controller

Chassis Pecifications:	EIA Standard Rack 1U
Supply Voltage:	90-264V AC or 127-370V AC, 47-63Hz
Static Power Consumption:	6W
Rated Power:	75W/24V
Maximum Power:	100W/24V
XLR Balances Carnon Maximum Output Level:	14.6dBu
Maximum output level of the 6.35mm balance socket:	14.6dBu
RCA lotus socket maximum output level:	9.8 dBu
RCA lotus socket maximum input level:	3.2 dBu
Conference Unit Extension:	Anti drop 9P aviation plug x 1、Network port (female) x1
Video Input Port:	BNC x 4
Video Output Port:	BNC x 1
Video Interface Impedance:	75Ω
9 pin serial port control interface:	DB9 Female plug x 1
Rs-232 control protocol interface:	5P Phoenix terminal X 1
Rs-422 control protocol interface:	5P Phoenix terminal X 1
Dante interface:	RJ45x1
Audio output:	XLRM x 1, 6.35mm jack x 1, RCA x 1
Audio input:	RCA x 1
Screen type:	OLED
Key mode:	Touch style
Dimension (mm):	410 (W)×206 (D)×43 (H)
Weight:	About 2.3kg

CS-302C
Chairman unit

CS-302D
Delegate Unit

Polar Pattern:	Cardioid Conderser
Frequency Response:	50Hz-18KHz
Sensitivity:	-30dB+/-3dB(0dB=1V/Pa,f=1KHz)
SPL:	105dB(THD < 5%, f=1KHz)
S/N (A weighted):	> 100dBA(THD < 1%, f=1 KHz)
Distortion :	< 0.1%
Power Supply:	24V DC(supplied by the receiver)
Maximum Power of Speakers:	1.5W
Power Consumption:	0.8W-2.5W
Phone Connector:	3.5mm jack
Screen Type:	OLED
Unit Interface:	Anti drop 9P aviation plug
The length of microphone(mm):	340/420/480
The size of the microphone base:	182(L)×110 (W)×51(H)
Weight:	950g
Color:	Nickel black

CS-501C
Chairman unit

CS-501D
Delegate Unit

Polar Pattern:	Cardioid Conderser
Frequency Response:	50Hz-20KHz
Sensitivity:	-20dB+/-3dB(0dB=1V/Pa,f=1KHz)
SPL:	110dB(THD < 5%, f=1KHz)
S/N(A weighted):	> 100dBA (THD < 1% , f=1 KHz)
Distortion:	< 0.1%
Power Supply:	24V DC(supplied by the central controller)
Power Consumption:	0.72W
Unit Interface:	RJ45/CAT5 network port
Dimension (mm):	147 (L)×115 (W)×218 (H)
Weight:	about 670g