

Digital Networked DSP Conference Controller for Array Mic

TRI-ACV-CP-1002

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features:

- The unique AUDIO-LINK digital ring network technology achieves full-digital signal transmission and processing.
- Single CAT5e cable transmits 64 channels of audio and various information.
- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role separation.
- High-fidelity sound quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz ~ 20KHz response frequency.
- A single conference controller can realize the independent control and merging of 4 conference rooms, can handle the cascade of multiple conference controllers to realize the merging and separation of larger conference rooms (including conference management, etc.).

Functions:

- Compliance with IEC 60914, GBT 15381-94.
- Connecting with extension main unit, it can expand to 5200 discussion units.
- "Hand-in-Hand-Loop-Network" connection and the system assigned to each unit independently ID to avoid ID conflict.
- Both wired/wireless discussion units can connect to the controller, fast and easily to adding delegate of meetings.
- Supports up to 8 wireless microphones to be turned on at the same time, adaptive avoiding interference technology to achieve stronger anti-interference ability, compliance with IEEE 802.11n standard Wi-Fi both for 2.4GHz and 5GHz.
- 2 channel audio input, XLR or RCA type, for local audio input or remote video-conferencing input.
- Maximum 8-channel audio output, XLR, RCA or Phoenix type, can be connected to simultaneous interpretation output or partitioned output.



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Technical specifications

Parameter	Value
Power	100V / 240V AC
Static power consumption	12W
Maximum power consumption	150W
Frequency Response	20Hz ~ 20KHz
Noise ratio (S / N)	>96dBA
Total harmonic distortion	<0.05%
Channel Crosstalk	> 85dB
Dynamic range	>94dB
RS-232 control	1×9-pole Sub-D female socket 1×9-pole Sub-D male socket
Ethernet control	RJ45 connected to PC
Mounting	19" standard rack
Dimensions (mm)	481L x 265W x46H
Weight	3kg
color	Black
Max. audio inputs	
LINE IN 1	+10dBu
LINE IN 2	+10dBu
Max. audio outputs	
LINE OUT 1	+12dBu BAL.
LINE OUT 2	+12dBu BAL.
LINE OUT 3	+12dBu BAL.
LINE OUT 4	+12dBu BAL.
Transmission technology	WIFI 802.1n
Encryption technology	WPA2-PSK AES
Working frequency	5.2-5.8 GHZ
Output impedance	>1kΩ
PC communication method	TCP/IP
Camera control method	RS-232/UDP
Network Interface	RJ45
Display	LCD1602
Limit on the number of speakers	1/2/4, max in 6 persons
Camera Tracking Protocol	PELCO-P/PELCO-D/VISCA
Operating temperature	0~45°C
Storage temperature	20~50°C
Certification	BIS

For the most current specification information, please visit tri-star.co.in