

5G WIFI Wireless Conference Processor

TRI-ACV-CPW-1001

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

Features:

- **AUDIO-LINK Digital Ring Network:** Full-digital signal transmission via a single CAT5e cable supporting up to 64 audio channels.
- **High-Fidelity Sound:** 48KHz sampling rate, 20Hz–20KHz frequency response, and lossless transmission.
- **Voice Role Separation:** Independent audio and ID output from each microphone, compatible with voice recognition systems.
- **Multi-Room Support:** One controller can manage up to 4 rooms independently or in combination; supports cascading for large setups.
- **Reliable Connectivity:** "Hand-in-Hand Loop Network" ensures system stability even with unit changes or failures.

Functions:

- **Standards Compliant:** Meets IEC 60914 and GBT 15381-94 standards.
- **Massive Expansion:** Connects with unit to support up to 5,200 discussion units.
- **Stable Network:** "Hand-in-Hand-Loop-Network" with automatic unit ID assignment to prevent conflicts.

On-Device Settings (No PC Needed):

- **Mic Limit:** Set max active mics (1/2/4/6; up to 32 in full-on mode)
- **Discussion Modes:** OPEN, VOICE, OVERRIDE, APPLY, PTT (opt.), ALL (opt.)
- **Voting Function:** Approve/Abstain/Object
- **Chairman Controls:** Mute/close delegate mics, approve speaking requests.
- **Simultaneous Interpretation** supported.
- **Plug-and-Play:** Hot-swap and auto-recovery functionality.



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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.
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