ATDSC

CMU 1100

AUDIO CONTROLLER





The Digital Audio Conference System with Look at Me (Speaker Tracking). Seamless connection with intelligent Central Control System ideal for Offline and Online Video Conferencing also, is a complete solution for modern conference system. The technology developed & based on digital network architecture with built-in high-performance CPU Processor provides faster processing speed & better sound quality.

- High-performance switching power supply supports long-distance transmission without any dip in sound quality.
- Anti-interference circuit design eliminates interference from mobile phone signals.
- Full-view IPS TFT screen, intuitive display and easy adjustment of system parameters.
- Support USB recording and MP3 playback from the same port.
- 3 groups of 6-channel RJ45 microphone unit interfaces, adopts closed-loop Ethernet link mode, supports bilateral power supply to microphone units. Each channel supports 20 units, which can be connected to 60 units.
- 3 channels of 8-core microphone unit interface, each channel supports 30 units, can be connected to 120 units.
- A single host can be connected to a maximum of 512 conference units through the expansion power supply and a conference system can access up to 1200 conference units.
- The unit adopts "Loop In – Loop Out (Daisy Chain) connection mode convenient for installation and maintenance.
- With a variety of conference modes: FIFO (first in, first out mode), CHAIRMAN (Application mode), FREE (Free mode), LIMIT (Restricted mode).
- Camera control 232 and 485 communication interface (8P Phoenix interface), support Pelco_P VISCA, Pelco_D protocols also support video switching and can get connected to HD video matrix.
- Look At Me / Speaker Tracking built-in controls and focus the camera on the active speaker.
- 4 HDMI HD IN and 2 HDMI HD Out, act as a matrix switcher for cameras.
- Auto switching of cameras for showing active speaker Online or on display screens.
- 2 HDMI out shows cameras output simultaneously on separate displays.
- 1 balanced audio output interface (XLR), can be connected to sound reinforcement or recording equipment.
- 1 unbalanced audio output interface (6.35mm), can be connected to sound reinforcement or recording equipment.
- Audio input interface (RCA), can support external audio signals (such as background music or remote voice signals).
- Audio output interface (RCA) for recording etc.
- Easy installation in a standard 19-inch cabinet for easy storage.

Technical Specifications

Front Panel		
Screen	TFT	
USB for Recording & Playback	1	
Control knob	1	
Power Buttons	1	
Rear Panel		
Power Input Interface	3 Pin AC110V-220V/50Hz	
Microphone Input	DIN-8 x 3	RJ45 x 3
Microphone Output	RJ45 x 3	
Central controller	RS-232 x l	
PC connector	RS-232 x l	
Video connector	HDMI IN x 4 HDMI Out x 2	
Camera control connector	8P connector RS485	
USB sound card	For Video Conferencing	
RAC Connectors	RAC x 1 Line In	RAC x 1 Line Out
	RAC x 1 Recording	RAC x 1 Background Music
Line Output	XLR (Bal.) x l	
	6.35mm (Unbal.)	
Rated voltage	AC220V±10% 50Hz	
Other Technical Parameters		
Frequency response	20Hz-20kHz	
S/N Ratio	78dB (1KHz THD1%)	
T.H.D	<0.05%	
Weight	4.5 kg [9.921 lbs.]	
Colour	Black	
Transport	-40°C to +70°C	
Operating	0°C to +45°C	
Max. relative humidity	< 95% (Non condensing)	
Power cable	1	
USB cable	1	
Installation and operating manual	1	
Rec & Line	200Ω	
Balance	300Ω	
No Balance	400Ω	

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