

## AT-CNS-W100CT

Digital Conference System Controller

### DESCRIPTION

**AT-CNS-W100CT** is This conference system is designed to provide reliable and efficient audio management for a wide range of meeting and discussion environments. It offers flexible connectivity, advanced audio processing, customizable speaking management, and support for multiple participant units, enabling smooth communication and organized discussions.



### MAIN PRODUCT

- Middle level digital conference system, featuring an 4.3 inch IPS screen and 1.5U rack-mount design, suitable for various ,conference scenarios including hotels, government agencies, enterprises, and multi-functional conference room;
- Supports analog bass, treble, and master volume adjustment; built-in DSP audio processing;
- 2 RCA LINE input, 2 RCA LINE input, 4 aviation connector inputs, and a dedicated microphone unit interface (4 aviation 8-pin male connectors);
- 1 XLR (male) LINE outputs, 2 RCA LINE output, and 1x6.35mm unbalanced output;
- Communication: 1 USB interface (for recording/USB flash drive MP3 playback), 2 RS232 interfaces, and 1 RS485/RS422 interface;
- Five 'Speaking Modes' can be set
- FIFO (First-In, First-Out) mode: Once the set number of speeches is reached, the first delegate unit to open is closed by the newly opened unit;
- Restricted Mode: After reaching the limit of speaking participants, there is a function for requesting to speak and be registered;
- Chairperson Mode: Only the chairperson can speak.
- Last in, first out mode: Once the set number of speeches is reached, the last activated speaking unit is closed by the newly activated one
- FREE Mode: Supports up to 12 delegate units simultaneously;
- Number of speakers: Can be set to '1-12' speakers
- ID Editing: Enter microphone ID editing mode via the SETID button on the rear pane;
- Supports 4-channel aviation 8-pin connectors, maximum number of microphones connected (daisy-chain, single channel = 25pcs mic, 4 channels = 100pcs mic) in T-type microphone connection mode;

# CONFERENCE SYSTEM

## TECHNICAL SPECIFICATION

<i>System Capacity</i>	100pcs mic connection maximum
<i>Power Supply</i>	AC110V/230V 50Hz/60Hz
<i>Power Consumption</i>	150W
<i>T.H.D.</i>	<0.05%
<i>S/N Ratio</i>	>75dB
<i>Frequency Response</i>	20Hz-20KHz
<i>Audio Input</i>	2 x RCA, 4 x 8-core aviation head for mic, 4x CAT6 port for mic
<i>Audio Output</i>	1×XLR , 2×RCA, 1x6.35mm Mix output
<i>Communication Interfaces</i>	2×RS232, 1×RS485/RS422, 1×PC USB
<i>Display</i>	4.3 inch colorful IPS screen
<i>Input Impedance</i>	Balanced: 4.7K $\Omega$ , Unbalanced: 2.3K $\Omega$ ;
<i>Output impedance</i>	Balanced: 100 $\Omega$
<i>Control Type</i>	RS-232,RS485/422
<i>System Connection</i>	8-PIN cable
<i>Dimension</i>	430×260×85mm
<i>Net Weight</i>	4.1Kg