ERTHPOT™

NCS-110CU

NOVO CONFERENCE SYSTEM
CENTRAL CONTROLLER UNIT

Overview

NCS110-CU is the central controller unit of Novo Conference System which powers, manages and controls the whole conference system. The latest microprocessor chip automatically detects the number of units connected, current conference mode, controls cameras connected to it and many other functions which are required in a modern-day conference room. It's built in Audio Gain Processing circuit prevents unnecessary feedback and improves the vocal intelligibility of the room. Everything functions and parameter in this unit can be easily accessed through the front OLED display which shows the microphone status, operating mode, number of active speakers etc. Housed in a pressed steel body with 1RU size NCS110-CU is designed based on "everything built into hardware" where the complete system is made to run like an appliance without much technical support required.
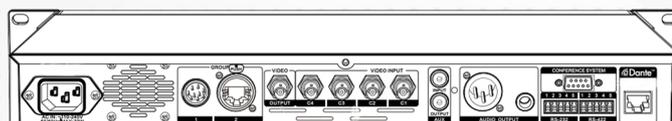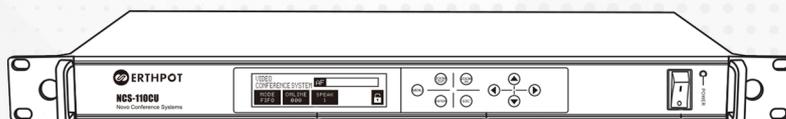
Key Features

- 4 kinds of conference mode selection: FIFO, Automatic (with limiting time), Request and Sound activated.
- The central controller can select the number of speakers, and active 2/3/4 microphones simultaneously.
- Support camera tracking, through the serial port RS-232 or RS-422 communication protocol, controls up to 4 cameras, compatible with VISCA, PELCO-D, and PELCO-P 3 kinds of camera control code protocol.
- With 4 Video inputs and 1 output port, SD and HD SDI video inputs and outputs are supported.

- Supports Dante digital output, flexible to connect with various Dante enabled solutions.
- With automatic gain audio processing circuit, prevent feedback effectively and improve the clarity of the whole system.
- It is easy to expand and change the configuration. the central controller connects upto 40 microphones units. If connect the NEB-124W can connect upto 110 microphone units.
- With aux input and output you can plug external audio sources to add multiple functionality like recording, PA/Music inclusion etc.

Technical Specifications

NUMBER OF MICROPHONES SUPPORTED	110		DANTE INTERFACE	RJ45X1
MAXIMUM POWER CONSUMPTION	100W/24V		AUDIO OUTPUT	XLRM X 1, 6.35MMJACKX 1, RCA LOTUS X 1
XLR BALANCES CARNON MAXIMUM OUTPUT LEVEL	14.6DBU		AUDIO INPUT	RCA LOTUS X 1
MAXIMUM OUTPUT LEVEL OF THE 6.35MM BALANCE SOCKET	14.6DBU		PIN SERIAL PORT CONTROL INTERFACE	DB9 FEMALE PLUG X 1
MICROPHONE UNIT EXTENSION	ANTI-DROP 9P AVIATION PLUG X I NETWORK PORT (FEMALE) XL		RS-232 CONTROL PROTOCOL INTERFACE	5P PHOENIX TERMINAL X 1
			RS-422 CONTROL PROTOCOL INTERFACE	5P PHOENIX TERMINAL X 1
VIDEO INPUT PORT	BNCX4		SUPPLY VOLTAGE	90-264V AC OR 127-370V AC, 47-63HZ
VIDEO OUTPUT PORT	BNC X 1		WEIGHT	ABOUT 2.3KG
VIDEO INTERFACE IMPEDANCE	75Ω		DIMENSION (MM)	410(W) X43 (H) X206 (D)

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