EDC-2051-V2

Conference Main Control Unit

Support Max. of 265 Microphone Units!

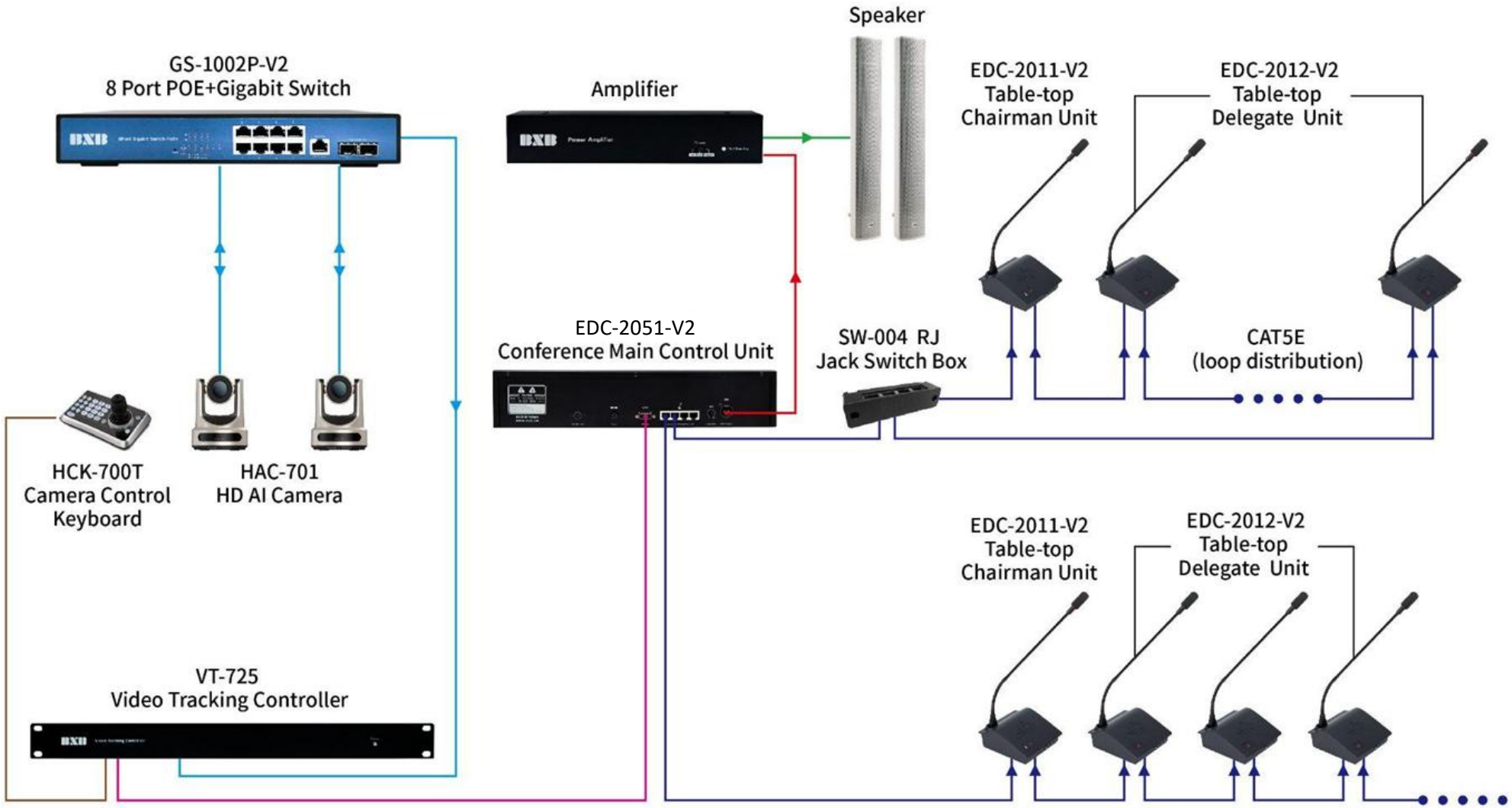
(Delegate x 255 + Chairman x 10)



Product Features

- Using CAT-5e network cables to connect all conference microphones, ensuring quick installation and effortlessly meeting the requirements of small-scale conferences.
- Featured with 4 sets of RJ45 output ports: A single loop can connect up to 13 microphones, allowing a total connection of 50 sets. With the addition of the BXB Extension Power Supply, the capacity can be expanded to a maximum of 265 microphones (255 delegates + 10 chairmans).
- Digital encoding technology eliminates the complexity of traditional dip-switch settings, allowing easy configuration of the ID codes for each conference microphone from the MCU.
- Features a 4x20-bit LCD display screen: It can show settings for conference modes, the MIC IDs currently in use, and the conference system's output volume.
- Supports three speech modes: Normal/Chairman/Override.
- Featured with an RS-232 interface for integration with equipment such as the BXB VT-725 Video Tracking Controller, cameras, and environmental control systems.
- Includes 1 set of audio output terminals (XLR Unbalanced) with digital volume adjustment capabilities for connecting to recording and audio equipment.
- MIC auto-off function can be activated or deactivated, with settings for 30 or 45 seconds.
- Configurable for simultaneous activation of 1 to 9 microphones or an unlimited number.
- Features a microphone system testing function that automatically detects the status of conference microphone connections upon startup.

System Diagram



CAT.6 CAT.5e Audio Cable HDMI RS-232 RS-485 Speaker Cable

Specifications

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Microphone Link	RJ-45 x 4
Aux Output	XLR Plug (MONO)
Frequency Response	20 Hz-20K Hz @ +-2dB
T.H.C	≦ 0.15%
S/N Ratio	≧90dB@Frequency 1KHz
RS-232 Connection	D-SUB Male 9 Pin x 1

Unit Size (WHD)	430 x 100 x 310 (mm)
Weight	4.54kg (adaptor excluded)
Operation Temperature	0°C ~ 40°C
Storage Temperature	-15°C ~ 55°C
Relative Humidity	45% ~ 70% (non-condensing)
Pneumatic Value	86KPa ~ 106KPa
Output Voltage	DC 24V
Output Rated Current	6.9A
Output Rated Power (MAX.)	124W
Input Voltage Range	AC90~264V
Input Frequency Range	47~63Hz
Standby Current	≒ 180mA @DC18V

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