

CS-120 Series

Digital Conference System



CS-120CU

Control Unit

CS-120CU works as a main unit of the whole system. It provides all inputs and outputs needed to manage complex audio system. A single CS-120CU can be connected with 90 sets of CS-120CH and CS-120DU. With additional power unit CS-120EMU up to 256 sets can be connected.

This stand-alone system provides 4 types of conferencing mode, Open, Override, Voice and Apply.

- * It meets most conference requirement.
- * Voting function is also provided.
- * Large LCD screen provides detailed information. Soft-key design provides intuitive operation.
- * Maximum 4 video cameras can be connected to perform video tracking.
- * Free vide control software is provided.

Microphone capacity: ≤256
Voting: Yes
Frequency response: 40-16000Hz
SNR: >80 dBA
Dynamic range: >85 dB
Crosstalk: >70 dB
Total harmonic distortion: <0.05%
Mains power supply: 110V or 220V AC
Original input: Ø6.4mm balanced:
LEVEL: 0.775V
Audio input: REC.IN:RCA x1
Original Output: RCA x2
balanced: XLR x 1 BAL.
Audio output: REC. Output:RCA x 1
Output load: >1 kΩ
Control interface:
 RJ45 Ethernet, connecting to PC
Maximun power consumption: 150W
connection: Dedicated cable (7 PIN)
connector: DIN7P with buckle

CS-120EXU

Power supply unit

This power supply unit is designed for CS-120 conference system.

When the number of delegate and chairman unit exceeds 90 CS-120EXU should be used in the installation to provide extra power.

Supply voltage:
 AC110V or AC220V (default settings)
Number of connectable conference Units: ≤90
Conference unit connector: DIN7P
Maximum power consumption: 200W



CS-120EXU

D7120-10 / D7120-20

Extension Cable

- * D7120-10: 10 meter cable with male/female connector at each end. Used for connection between control unit and delegate/chairman units.
- * D7120-20: 20 meter cable with male/female connector at each end. Used for connection between control unit and delegate/chairman units.

Din 7 pin XLR-F / XLR-M
 Length: 10/20 M

D7120MM-1 / D7120MM-3

Extension Cable

- * D7120MM-1: 1 meter cable with male connector at both ends. Used for connection between control unit and extension power unit.
- * D7120MM-3: 3 meter cable with male connector at both ends. Used for connection between control unit and extension power unit.

Din 7 pin XLR-M / XLR-M
 Length: 1/3 M



D7120MM-1 / D7120MM-3



D7120-10 / D7120-20



CS-120DU

CS-120CH

CS-120DU

The Delegate Unit

The CS-120DU is the basic delegate unit. Under the control of CS-120CU there are 4 types of operation mode. 3 key voting function is available. Voting result can be read on the LCD screen.

There are two lengths of detachable gooseneck microphone and three types of capsules for choices to meet various requirements.

Ø3.5 mm earphone output and microphone input phone jack are provided.

Model No: CS-120CH / CS-120DU
Output frequency response: 40-16000Hz
Earphone load: >16 Ω
Earphone volume: 10 mV
Earphone output: Ø3.5mm stereo jack
Max. power consumption: 1.65W (with 256x64 LCD)
connection: 7P-DIN dedicated cable with buckle
Microphone Type: Uni-directional electret condenser microphone
Sensitivity: -46 dBV/Pa
Frequency response: 80-18000Hz
Input impedance: 2kΩ
Directivity 0°/180°: >20 dB(1kHz)
Equivalent noise: 25 dBA (SPL)
Maximum sound pressure level: 125 dB (THD<3%)

CS-120CH

The Chairman Unit

The CS-120CH has extra functions besides those CS-120DU has. There is a priority key which can either mute or turn off all delegate units, or cancel all applying. The chairman unit has the right to accept or refuse applying. Voting function can be initiated only the chairman unit. The timing is also controlled by the chairman. Voting result shown on all units will be clear.

In one installation only one CS-120CH chairman unit can be connected.

CS-120CHE

The Chairman Unit

CS-120CHE is a simplified version of CS-120CH by removing voting function.

CS-120DUE

The Delegate Unit

CS-120DUE is a simplified version of CS-120DU by removing voting function.

Model No: CS-120CHE / CS-120DUE
Output frequency response: 40-16000Hz
Earphone load: >16 Ω
Earphone volume: 10 mV
Earphone output: Ø3.5mm stereo jack
Max. power consumption: 1W (without 256x64 LCD)
connection: 7P-DIN dedicated cable with buckle
Microphone Type: Uni-directional electret condenser microphone
Sensitivity: -46 dBV/Pa
Frequency response: 80-18000Hz
Input impedance: 2kΩ
Directivity 0°/180°: >20 dB(1kHz)
Equivalent noise: 25 dBA (SPL)
Maximum sound pressure level: 125 dB (THD<3%)

CS-120DUF / CS-120CHF

The Delegate Unit/The Chairman Unit

Both are flush mount design. All functions are the same as CS-120DUE and CS-120CHE but with more competitive prices.

Model No: CS-120CHF / CS-120DUF
Max. power consumption: 0.7W (without 256x64 LCD)
connection: 7P-DIN dedicated cable with buckle
Microphone Type: Uni-directional electret condenser microphone
Sensitivity: -46 dBV/Pa
Frequency response: 80-18000Hz
Input impedance: 2kΩ
Directivity 0°/180°: >20 dB(1kHz)
Equivalent noise: 25 dBA (SPL)
Maximum sound pressure level: 125 dB (THD<3%)



CS-120CHE

CS-120DUE

CS-120DUF

CS-120CHF

