



SC-3700QE Digital Conference Expansion Controller



Features:

1. High-performance ARM Cortex A8 32-bit industrial-grade embedded processor is adopted, with main frequency of 800MHz, 256m memory, strong system stability and fast operation speed.
2. When the number of conference units exceeds the capacity of the system controller, the expansion controller can provide power supply. 512 controllers can be connected at most, and the system has a maximum capacity of 51200 units without mutual interference. (The number of each connection can be determined according to the power of the unit.).
3. Digital processing and transmission technology, no matter how many devices are not interfered, long-distance transmission without attenuation, long-distance transmission without any impact on sound quality.
4. The expansion controller has 4 microphone outputs, each of which supports 25 conference mic units, and a single controller can connect 100 conference mic units.
5. The system supports up to 512 cascaded expansion controllers, with a maximum capacity of 76800 conference mic units.
6. The expansion controller is connected to the system controller by Category 6 Ethernet cable, and the RJ-45 interface is used.
7. Adopt 6-core DIN transmission cable with shielding, full digital transmission, overcome the attenuation problem of long-distance transmission, the transmission distance can reach 250 meters, long-distance transmission will not have any impact on the sound quality.
8. The system unit has the function of hot plug.
9. With "hand-in-hand" connection and loop connection, it is easy to install and maintain.
10. Built-in international power supply, 100 ~ 240 automatic switching.
11. Built-in power regulation system, even in areas with unstable voltage, it can be used safely.



Technical parameters:

Model	Full-digital conference extension controller
Working power supply	AC100V~240V 50/60Hz
Power consumption	Static 8 W, Max. 180W
System capacity	100 sets of six-core single machine, which can be expanded to 51200 sets
Display screen	4.3-inch TFT touch screen
Display menu	Chinese (customizable)
Frequency Response	20Hz~20KHz
Signal to noise ratio	>96 dB
Channel Separation	102 dB
Dynamic Range	106dB
Total harmonic distortion	< 0.05%
Output Impedance	47 K Ω
Audio input	XLR×2 +10dB/RCA×2 +20dB
Dimensions (W × D × H)	484×260×88mm
Weight approx	6.5kg