

IP NETWORK MASTER CONTROLLER

A-IP-600SC



Description:

The IP-600SC Network Audio System Controller is built upon an Ethernet network to transmit the audio data, allowing for a more advanced and flexible system. The Network Audio System not only implement all the functions of the traditional address system, such as timed rings, broadcasting in zones and bidirectional intercom communication, but also audio broadcasting on-demand, remote program broadcasting, and so forth. The Network Audio System can transmit the audio data over a longer distance than the Analog Public Address System. Moreover, the KB-D Network Audio System is better at processing the audio signals, with much better tone quality, clearer sound, and minor degree of decay.

Features:

- The IP-600SC Master Controller allows users to manage each sub-control room and terminal of the broadcast point to perform comprehensive public address operations.
 - Comes with all the functions of a traditional Public Address System.
 - Ethernet-Based & Broadcast on-demand.
 - Records and Broadcasts Audio in Real Time. The system can connected to an external audio sources (like a laptop, audio tape, hard drive, or DVD player), and uses the client software to record the audio at 128KBps to create MP3 files in real time.
 - Timed Broadcasting. Network Terminals can play customized and timed broadcasts that are configured through the client software.
 - Multi-Zone Broadcasting. The system can specify several multi casting tasks, as well as specify specific zones to broadcast in. The network server software can remotely control broadcasted content and volume for each network terminal, and specify the zones in which broadcasting is to occur.
 - Speech Broadcasting. A speaker can broadcast their speech in real time using any PC connected to the network with a network microphone, and specify in exactly which zones the audio should be broadcasted
 - Local Audio Amplification. The network terminals can provide audio input function.
 - Support MP3 audio file conversion and 128KBps MP3 audio file recording.
 - 4 independent sound cards, 4 AUX inputs attached. Transmit via LAN or WAN, Multiple power control. Transmission distance is not limited, dozens or hundreds of program source, the system can be installed in any workstation computer, can broadcast according to the right size, to add or delete the program to the system.
1. Display size: 12.1 inch
 2. Display screen: TFT32 true color
 3. Resolution: 800*600 LCD touch screen
 4. Work environment: Temperature:5-35°C; Relative humidity:≥75%;atmospheric pressure:86-106Kpa
 5. Main board: GIGABYTE 945GC

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6. Standard ports: 2×PS/2;1×Serial port;1×Parallel port;1×VGA;4×USB2.0; 1×RJ45 network port
7. HDD: SATA 160GB,7200RPM
8. DVD driver: SATA DVD-ROM
9. DDR; DDR2 667 512M
10. Network card: 10-100M ethernet integrated on the main board
11. CPU Pentium 631.dominant frequency: 3.0G
12. S/N: Line:70dB, MIC: 60dB
13. Audio signal distortion degree: 1KHz<0.5%
14. Audio signal input voltage: Line:300mV; MIC:5mV
15. Audio signal output voltage: 0dBV
16. Power supply: AC220V/50HZ/300W
17. System: Win7/2000/XP
18. Dimension: 484*265*440mm
19. Weight: 15Kg

Specification:

Model	A-IP-600SC
Description	IP Network Audio Master Controller
Power Consumption	AC100-240V; ≤300W
Display	12inch resistant (4 lines) touch display, TFT32bit true color, 1024*768 display
CD Drive	DVD-ROM
CPU	i3-3240
Hard Disk	SATA 500G
Memory	DDR3 2G
Network Protocol	TCP,UDP,ARP,ICMP,IGMP
Network Chip Rate	10/100Mbps
Audio Code	MP2/MP3/PCM/ADPCM
Audio Sampling	8kHz~44.1kHz, 16 bit
Transmit Rate	16kbps-192kbps
S/N;F/R	LINE: ≥70dB; MIC: ≥70dB; 20Hz-20KHz
Audio Delay	Broadcast delay≤100ms, Paging delay≤30ms
Audio Interface	1 Line input,1line output,1 microphone input
Other Interface	RJ45*1,4* USB

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Connection Diagram:

