AUDIO SOLUTION

AVTRON
Vision Redefined

A Venture of ADIT GROUP

Network PA AP-N7EMC
Network PA Master LCD Controller

AP-N7EMC Network PA Master LCD Controller

The N7EMC IP Audio System Controller is built upon an ethernet network to transmit the audio data, allowing for a more advanced and flexible system. The controller system not only implement all the functions of the traditional address system, such as timed rings, broadcasting in zones and bi-directional 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 IP PA Audio System is processing the audio signals, with much higher tone quality, clearer sound output, and minor degree of decay.
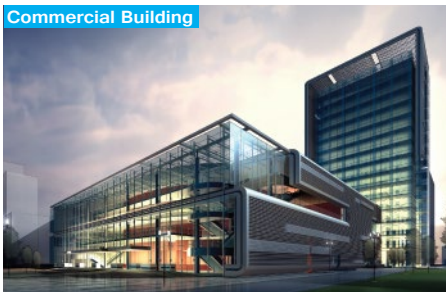
Features :

- Embedded OS to ensure stability and reliability and built-in master server software
- 15" industrial grade touch screen controller with easy control of the entire system
- Unified management of paging console and terminals up to 1000 units
- Timed scheduled broadcast functions and capable to store 5 tasks
- Advanced PA features such as Schedule broadcast management, Paging console, Zone broadcast and so-on
- Built in DVD player and external audio input streaming over IP by using 4 sound port
- Built in 6.35mm microphone jack , Key access Control, USB Port, LAN Port(100M)
- Fire alarm triggering, Status monitoring in configuration devices
- Network protocol such as TCP,UDP,IGMP
- Can be operated via Workstation software
- System interface such as Line In, Line out, Microphone Input
- Standard Delay for Music system <100ms and Paging delays <30ms
- Remote media storage management (upload & download)
- Supports IP PABX and IP voice alarm system when Master/Server disabled
- Working with existing LAN/WAN network system, non-dedicated network system is needed
- 19" 8U ready rack mount Installation design, Aluminum alloy

Technical Specifications

Model No.	AP-N7EMC
Display	12inch resistant (4 lines) touch display, TFT32bit true color, 1024*768 display
CPU	Intel i3-3240
Hard disk	500Gb
Memory	2G DDR3
Network protocol	TCP,UDP,IGMP,ICMP,ARP
Audio Code	MP2/MP3/PCM/ADPCM
Audio Sampling	8kHz~44.1kHz, 16　bit
Transmit Rate	16kbps ~ 192kbps
S/N Ratio	LINE: ≥70dB; MIC: ≥70dB
Frequency Response	20Hz-20KHz
Audio Delay	Broadcast ≤100ms, Paging ≤30ms
Audio Interface	1x line input, 1x line output, 1x microphone input
Interface	1 x RJ45(10/100Mbps), 4 x USB, DVD-ROM, VGA, Keyboard
Power	AC240V ~ 110V, Power Consumption<300W
Dimension	484*265*440mm, 19" Rack Mount
Enclosure	<16Kg, Black Color

APPLICATIONS

Commercial Building

School Campus

Transportation

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*Product specifications and appearance may be changed without prior notice due to improvements