



AIP-8000
SERIES

IP Based Public Address Solution from AHUJA

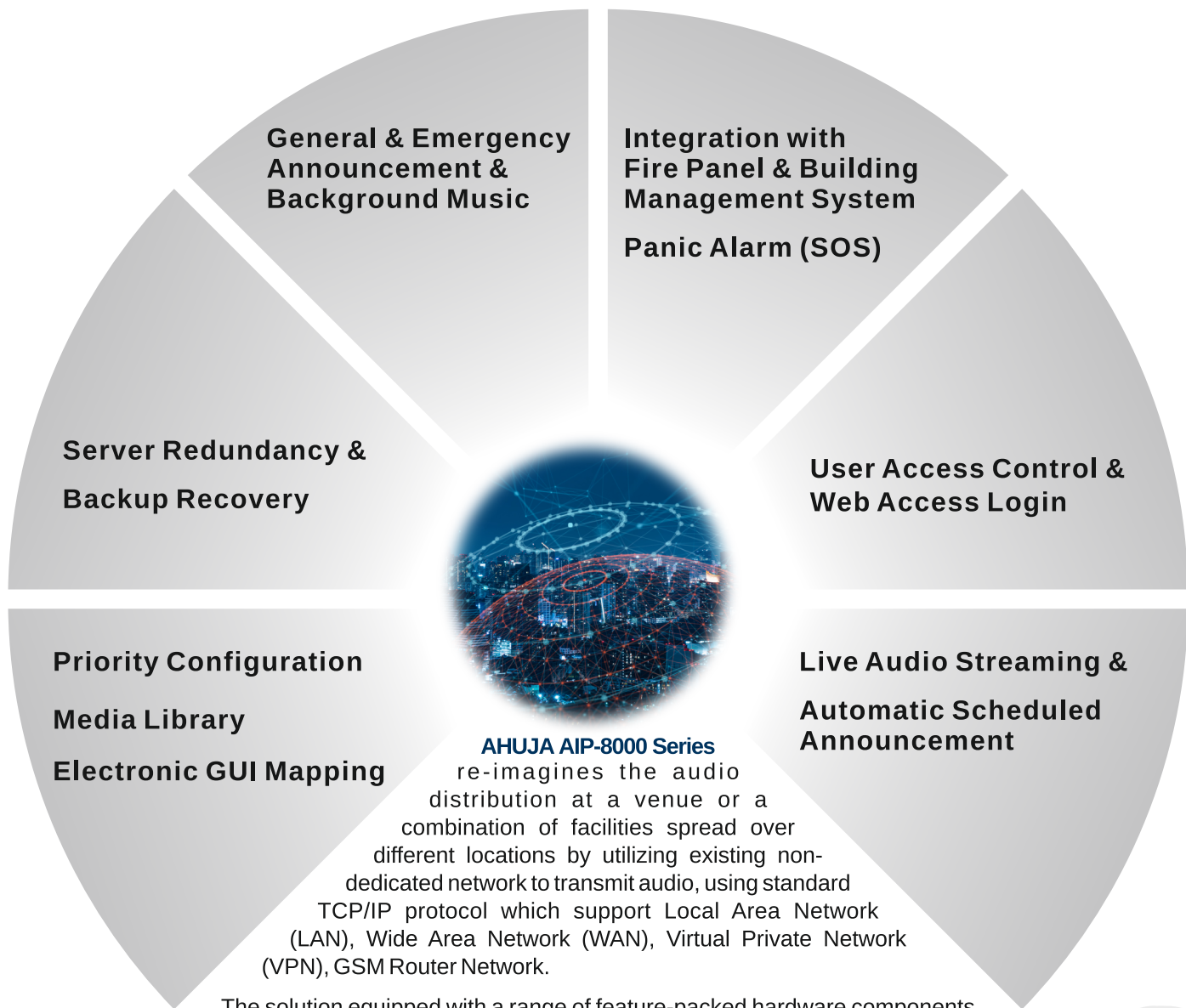


Hallmark of Reliability!



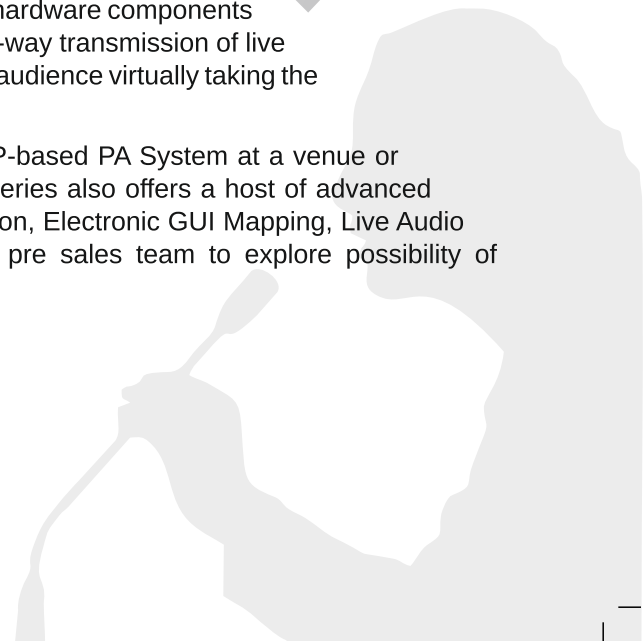
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Audio Transmission Reimagined



The solution equipped with a range of feature-packed hardware components backed by a proprietary software, ensures seamless two-way transmission of live announcements as well as recorded content to the intended audience virtually taking the distance factor out of the equation.

Ahuja AIP-8000 Series makes it possible to establish complete IP-based PA System at a venue or connect standalone audio systems in different locations. AIP-8000 series also offers a host of advanced features such as Third Party System Integration with SDK, SIP integration, Electronic GUI Mapping, Live Audio Streaming and much more. Excited! Please get in touch with our smart pre sales team to explore possibility of re-imagining your audio broadcast.



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AIP-801NM

Network Paging Mic Console

- Zonal paging microphone for installation anywhere on LAN Network system.
- Full duplex network audio paging microphone, built-in one-way and two-way communication & monitoring system.
- Zone Paging, Group Paging, all Zone Paging, Two Way Intercom facilities.
- 178mm resistance touch screen featuring numeric functional keys to call any terminal & adjust volume.
- Built-in 2W speaker with excellent sound clarity.

SPECIFICATIONS

Communication Protocol	TCP/IP, UDP
Audio Format	MP3
Transmission Speed	100Mbps
Frequency Response	80-16,000Hz
S/N Ratio	>68dB
Built-in Monitor Speaker	2W
Input	Mic In (for handsfree), Line Input
Output	Phone Out, Line Output
Short Circuit Input	Dry Contact Input
Power Supply	DC 24V with Adaptor
Power Consumption	≤6W
Dimensions	W200 x H60 x D160 mm
Weight	800g



AIP-802SP

Software for Internet Protocol System

The AIP-802SP IP Network Audio System Software is used to control and configure the system. All system and equipment parameters' set up and surveillance can be completed and monitored through this software. Compatible with Windows XP and above operating systems.

AIP-802SP Software Features:- User Management | Group Call Management | Terminal Status | Terminal Management | Recording Service | Call Logs Report | Call Monitoring | Time Schedule Broadcast | Terminal Priority | Control Room Call Center | Automatic Call Transfer | Electronic GUI Mapping



AIP-803NA

Network Audio Unit

- IP network audio unit or decoder.
- Non-dedicated network system solution.
- Can be installed anywhere on the LAN network.
- Zone definition is done through AIP-802SP software, each network audio unit could be regarded as one zone, several zones can be defined as group for synchronous operation.
- Receives network digital signal for the zone and decodes into analog audio signal.
- 89mm Industrial grade display with infrared remote control to play pre-recorded files stored in server program library.
- Built-in 2x20W (8Ω load) speaker output. External amplifier can also be connected to add additional external speakers.
- USB Port to plug in USB stick to play pre-recorded messages or media files locally.

SPECIFICATIONS

Communication Protocol	TCP/IP, UDP
Audio Format	MP3
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	100Mbps
Frequency Response	80-16,000Hz
Aux Input Sensitivity	350mV
S/N Ratio	≥65dB
Output	1V
Display Size	89 mm
Power Supply	DC 24V with AC Adaptor
Power Consumption	≤50W
Dimensions	W132 x H83 x D26 mm
Weight	350g

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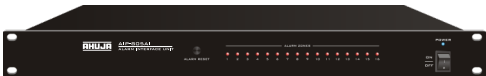


AIP-804IC

Intercom Unit

- Two way communication panel with one button press to talk to control room.
- Full IP/TCP network audio system which could be set up over non-dedicated network system.
- Ring call to Network Paging Mic Console and automatic transfer function when no answer or busy.
- One key panic alarm button for emergency alarm or broadcast of pre-recorded messages.
- Built-in high sensitivity microphone for long distance voice pick up. Built-in 2W full range speaker. Full aluminum weatherproof body suitable for outdoor applications also.
- Ideal communication system for Factories, Hospitals, Mining Plants, Transportation Centres, Prisons, Airports, Metros or other Railway Networks.

SPECIFICATIONS	
Communication Protocol	TCP/IP, UDP
Audio Format	MP3
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	100Mbps
Frequency Response	320-34,000Hz
S/N Ratio	≥65dB
Built-in Speaker	2W
Line Output	1V
Power Supply	DC 24V with AC adaptor
Power Consumption	≤10W
Dimensions	W81 x H132 x D39 mm
Weight	600g



AIP-805AI

Alarm Interface Unit

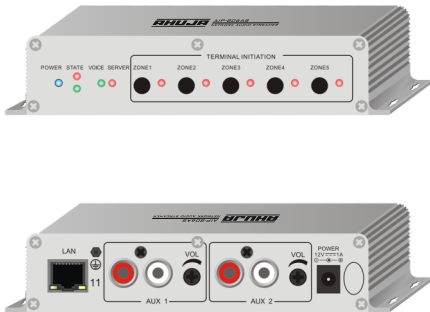
- Enables seamless integration with alarm input devices.
- 16 Channel fire short circuit dry contact input.
- Trigger mode: Through Potential free contacts.
- One press key to restore and reset the alarm.
- Dedicated LED indicator for each alarm zone.
- Supports standard TCP/IP communication protocol.
- RJ45 communication.

SPECIFICATIONS	
Communication Protocol	TCP/IP, UDP
Communication Terminal	RJ-45
Communication Speed	4800BPS
Power Supply	220V-240V ~ 50/60Hz
Power Consumption	≤25W
Dimensions	W484 x H209 x D44 mm
Weight	3.00kg

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AIP-806AS

Network Audio Streamer



- Collects the mixed external analog audio signals and encodes the collected audio signals into digital & transfers the same to network audio units.
- Full TCP/IP network audio system which could be set up over non-dedicated network system.
- AIP-806AS has 5 zonal outputs and each zone can be assigned to an independent network audio unit placed across the premises through server.
- Two sets of built-in Aux level RCA inputs to connect the external instruments or analog audio signal with volume control.
- Flexibility to adapt the various audio devices with different sensitivities with input audio compression function.
- Supports Pulse-code modulation (PCM) method. Receives audio analog signals and converts them into standard form of digital audio for computers, compact discs, digital telephony and other digital audio applications.

SPECIFICATIONS

Communication Protocol	TCP/IP, UDP
Audio Format	MP3, PCM
Network Input	Standard RJ45x1, 1 Input
Transmission Speed	100Mbps
Frequency Response	80-16,000Hz
S/N Ratio	≥68dB
Audio Mode	ADPCM (Adaptive differential pulse code modulation)
Power Supply	DC 12V with AC adaptor
Power Consumption	≤10W
Dimensions	W156 x H165 x D33 mm
Weight	500g



AIP-807IP

Industrial Emergency Intercom Panel

- Professional IP network intercom terminal with dial-up, suitable for intercom communication in extreme and noisy factory environments such as power plant, dam, steel plant, coal plant and mine.
- 5mm thick alloy enclosure, with very strong waterproof and dust-proof structure.
- Embedded DSP audio processing technology.
- Built-in 1 channel network audio decoding module, supports TCP/IP, UDP, IGMP protocols and enables the networking transmission of 16-bit CD quality audio signal.
- Built-in voice intercom module, support full duplex intercom and call, works with high performance DSP audio processing module to support digital echo cancellation and audio compression function.
- Built-in number and function keys, supports calling to any terminal, full duplex intercom.
- Built-in 30W digital amplifier, which could be connected to external low impedance speakers for paging.

SPECIFICATIONS

Network Input	Standard RJ45 Input
Protocol	TCP/IP, UDP
Transmission Rate	100Mbps
Frequency Response	80Hz~16KHz
S/N Ratio	>65dB
External Speaker Power	30W
Operating Temperature	-20°- 60°C
Output	Line Output
Power Supply	AC: 220-240V 50/60Hz
Power Consumption	≤40W
Dimensions	W205 x H320 x D120 mm
Weight	5.50kg



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AIP-P25HS

PoE Horn Speaker

- It is a professional horn speaker integrated with a 25 watts amplifier, that supports POE power supply module and audio decoding module with network transmission.
- Equipped with embedded computer technology and DSP audio processing technology.
- Built-in 1 channel network hardware audio decoding module that supports TCP/IP, UDP protocols and realizes networked transmission of 16-bit CD sound quality audio signals.
- Fully compatible with POE (IEEE 802.3at) standard power supply mode, it needs to be connected to a POE switch. The construction is simple and convenient. The maximum connection distance is 80 metres.
- The internal circuit has an automatic voltage limiting function, so that the digital power amplifier is always in the state of optimizing the performance and maximizing efficiency.
- A specific high-band, high-sensitivity PA unit with sufficient power and clear and loud sound quality.

SPECIFICATIONS	
Network Input	RJ45
Transmission Speed	100Mbps
Communication Protocol	TCP/IP, UDP
Frequency Response	300-14,000Hz
S/N Ratio	≥68dB
Audio Format	MP3
Power Output	25W
Power Supply	PoE
Power Consumption	30W (IEEE802.3at)
Dimensions	Dia 322 (L392) mm
Weight	2.7kg



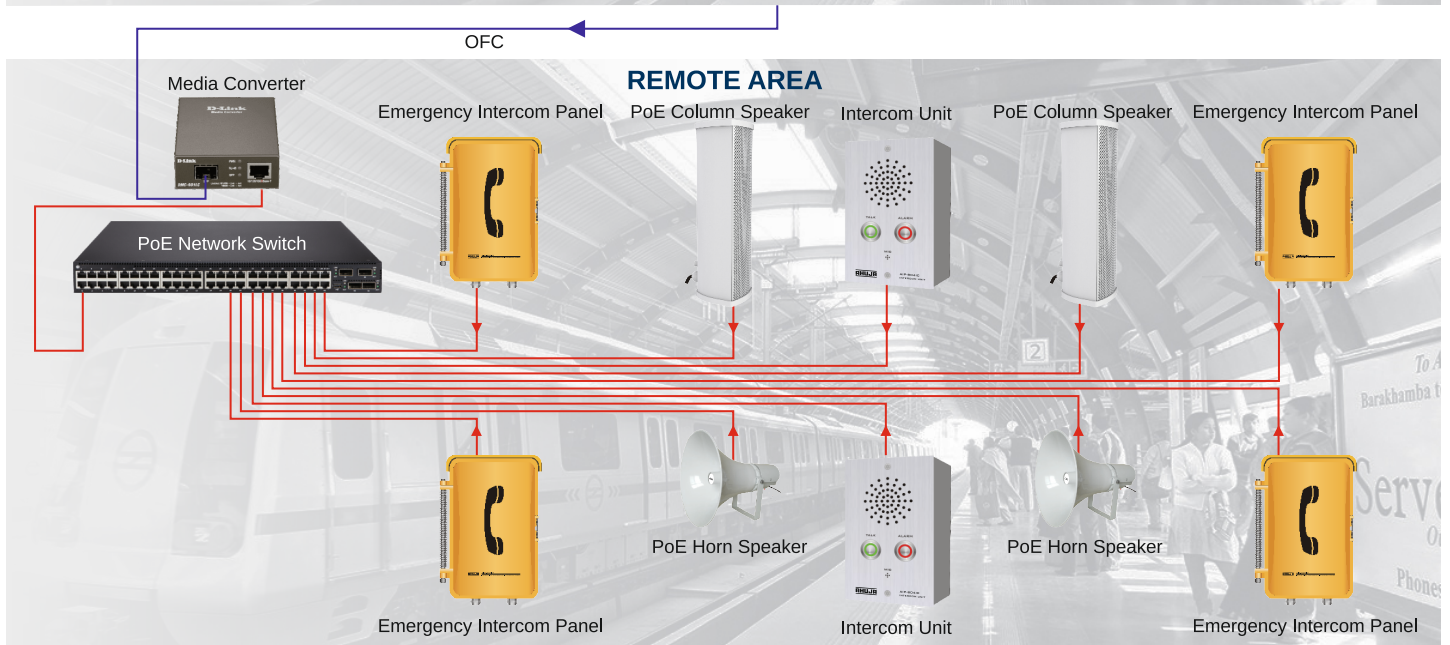
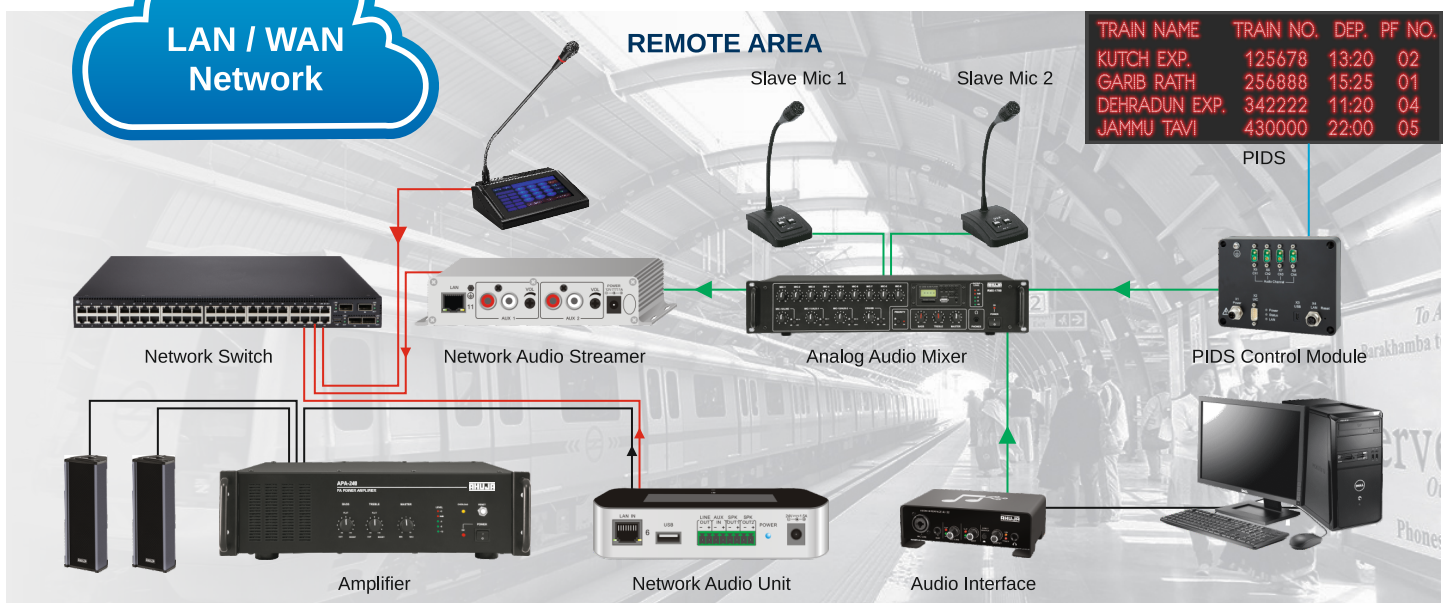
AIP-P25SC

PoE Column Speaker

- It is a professional column speaker integrated with a 25 watts amplifier, that supports POE power supply module and audio decoding module with network transmission.
- Equipped with embedded computer technology and DSP audio processing technology.
- Built-in 1 channel network hardware audio decoding module that supports TCP/IP, UDP protocols and realizes networked transmission of 16-bit CD sound quality audio signals.
- Fully compatible with POE (IEEE 802.3at) standard power supply mode, it needs to be connected to the POE switch. The construction is simple and convenient. The maximum connection distance is 80 meters.
- The internal circuit has an automatic voltage limiting function, so that the digital power amplifier is always in the state of optimizing the performance and maximizing efficiency.
- A specific high-band, high-sensitivity PA unit with sufficient power and clear and loud sound quality.

SPECIFICATIONS	
Network Input	RJ45
Transmission Speed	100Mbps
Communication Protocol	TCP/IP, UDP
Frequency Response	130-16,000Hz
S/N Ratio	≥65dB
Audio Format	MP3
Speakers	4 × 101.6 mm (4.0")
Power Output	25W
Power Supply	PoE
Power Consumption	30W (IEEE802.3at)
Dimensions	W85 x H294 x D90 mm
Weight	1.50kg

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A portfolio of over 400 products in the AHUJA range designed thoughtfully and manufactured under stringent quality control includes Amplifiers, Mixers, Signal Processors, Microphones, Speakers, Active Speakers, Portable Sets, Conference Systems, Paging Systems, Counter Communication Systems etc., is readily available to supplement the AIP-8000 Series in your installations.



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