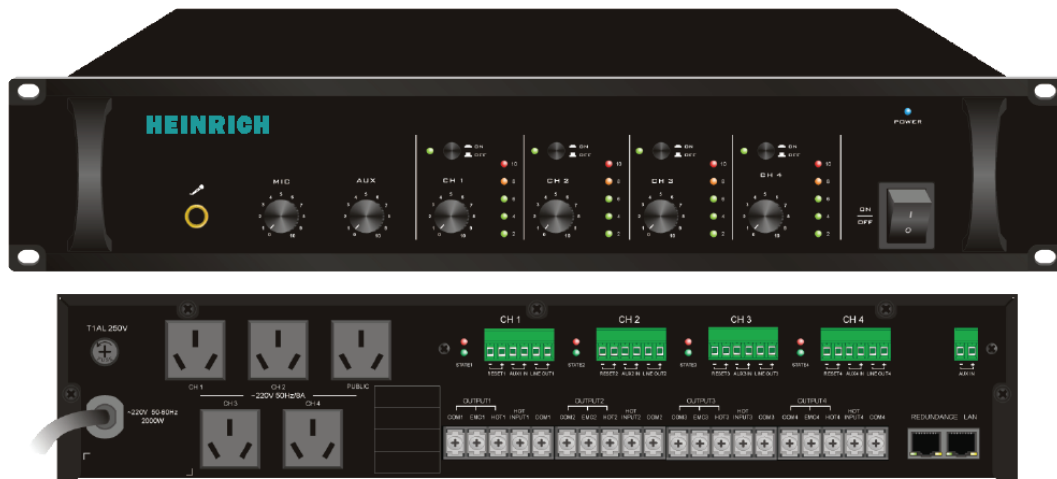


IP terminal (Rack mounted 4 channel IP Network Audio decoder)

NAPS-0419



APPLICATION:

The professional cabinet-type four-channel audio network decoding terminal is installed in the weak or sub-control room of each broadcast management area, and it can connect 4 power amplifiers and manage the power amplifier remotely. It is suitable for program broadcasting and local broadcasting in areas such as halls, walkways, and outdoor areas. It is suitable for program broadcasting and local broadcasting in areas such as halls, walkways, and outdoor areas.

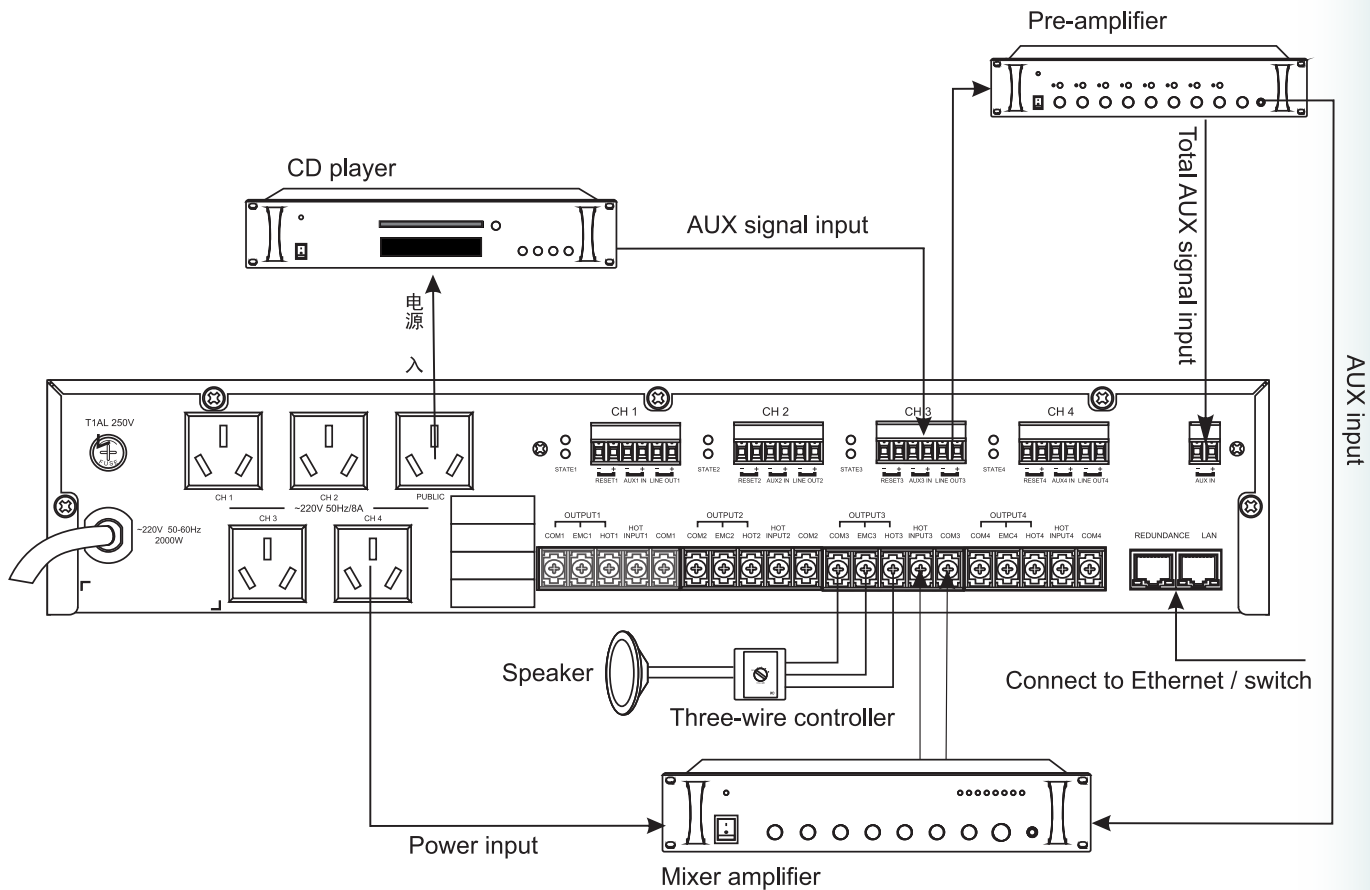
FEATURES:

- Standard 19-inch rack-mounted design, black alumina drawing process panel, humanized hand-pulling, making the whole machine more high-grade and beautiful, and the metal texture is stronger.
- The product is based on Luna cloud server, with high security and excellent stability, supporting 7x24 hours of uninterrupted work.
- Built-in 4 channel 8GB SSD media library storage unit, support server remote management, support limited bandwidth background download or idle time automatic download function, reduce network burden, media library file can enable offline automatic play function.
- Built in 4 channel integrated 24Bit professional sound card module, can achieve high level audio playback, the highest audio stream can reach 768Kbps.
- Rich network access methods, including automatic DHCP access, smart ADSL dial-up access, fixed IP address access, etc.
- It has 4 independent auxiliary line inputs (AUX1/AUX2/AUX3/AUX4) and is mixed with 4 independent network background audio signals. The volume is controlled by the Potentiometer of each channel, and the dynamic level indicator indicates that it is clear.
- The panel has 4 independent dual color LEDs indicating network alarm status (red), MIC and AUX priority status (orange), network music signal and auxiliary input status (green); 1 blue power indicator indicating power status; The board 4 network status indicator indicates the network connection status.
- It has 1 auxiliary line (AUX) and microphone (MIC) mixed input, with independent potentiometer to control the volume level, and a key to activate the priority function, which can give priority to each channel (AUX1/ AUX2/ AUX3/ AUX4), and support the network segmentation paging function, the maximum broadcastable to 4 partitions.
- It has 4 independent audio signal output interfaces, which can connect 4 power amplifiers at the same time. The industrial grade standard crimping terminal block has much higher reliability than the conventional connector.
- It has 4 independent strong cut terminal outputs, which can be configured with paging broadcasting and fire emergency broadcast, and linkage three-wire volume controller for output volume strong cut. No need for 24V strong cut power, unlimited number of volume control, 3 wire connection.
- It has 4 independent power output sockets and 1 common power output socket for connecting external power amplifier equipment. And with intelligent power management function, when there is no signal input, the master device can automatically cut off the power of the cascaded device, so that the cascaded device enters the standby state. It can be turned on again when there is an signal. It also supports the function of programming pre-power on.

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- Support external short-circuit input trigger, restore factory settings, to maximize system maintenance management.
- It has two sets of RJ45 network port input terminals, which can be used as the next terminal of the cascade, and can also implement the network redundancy backup function with the switch. The network port is compatible with 100 Mbps network transmission data.
- Support system background WEB to view device status and manage device information.
- Supports the broadcast system to perform remote firmware upgrades on the terminal, without having to go to the terminal for local upgrade, reducing the work intensity of maintenance personnel.

Frequency Response



IP terminal (Rack mounted 4 channel IP Network Audio decoder)

Technical Specification

Model	NAPS-0419
Network Interface	2 sets of standard RJ45 inputs
Transmission Rate	100 Mbps
Support Protocol	TCP/IP, UDP, IGMP (Multicast), IETF SIP
Audio format	Mp3, WMA, WAV
Audio Mode	16-bit CD sound quality
Sampling Rate	8KHz~48KHz
MIC input terminal	1 set of TRS sockets
MIC input sensitivity	5mV
AUX/AUX1/AUX2/AUX3/AUX4 Input Terminal	5 sets of industrial standard crimp terminal interface
AUX/AUX1/AUX2/AUX3/AUX4 Input Sensitivity	350mV
LINE OUT Terminal	4 sets of industrial standard crimp terminal interface
LINE OUT Level	1000mV
LINE OUT Impedance	470Ω
LINE OUT Frequency Response When MIC Input	200Hz~10KHz -3dB/+1dB
LINE OUT Frequency Response When AUX Input	80Hz~16KHz -3dB/+1dB
LINE OUT Frequency Response When AUX1/AUX2/AUX3/AUX4 Input	80Hz~16KHz -3dB/+1dB
LINE OUT Frequency Response When It Is In Network Channel	80Hz~16KHz -3dB/+1dB
LINE OUT Harmonic Distortion When MIC input	≤ 0.3%
LINE OUT Harmonic Distortion When AUX input	≤ 1%
LINE OUT Harmonic Distortion When AUX1/AUX2/AUX3/AUX4 Input	≤ 1%
LINE OUT Harmonic Distortion When Network Channel	≤ 0.3%
SNR (Signal to Noise Ratio)	≥ 68db
Machine Power Consumption	≤ 2000W
Working Environment Temperature	5°C~40°C
Working Environment Humidity	20% to 80% relative humidity, no condensation
Operating Voltage	~220V 50-60Hz
Size	484x303x88mm
Weight	6KG

As per our company policy one of the constant Product improvement the right is there for reserved to modify product specifications without prior notice