Datasheet

PAS-NA1000 | Network Audio Central Server Software

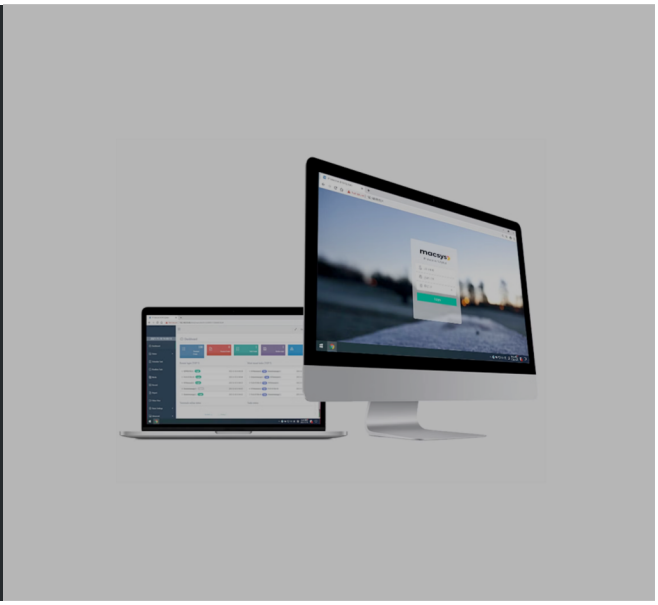
PAS-NA1000

Network audio management & Monitoring Solution software

PAS-NA1001
MAP Module For Network Audio Software

PAS-NA1002
SCENE Module For Network Audio Software

VIDEO PLUGINS
Integrate with CCTV for Live Video Alarm notification



Key features

Centralized Control: Unified management via a B/S (Browser/Server) architecture.
Intuitive Web Interface: Real-time Dashboard for easy system monitoring.
Event Scheduling: Create and manage timed and alarm events with customization options.
Mobile App Integration: Remote management and secure access through a mobile app.
Real-Time Broadcasting: Supports diverse broadcast tasks using sound cards, files, terminals, and speech synthesis.
Custom Call Management: Define settings for call transfer, answering, and priority.
Media Library: Upload and manage audio files and pre-recorded messages.
VOIP Integration: Seamless connection with third-party VOIP phones via SIP trunk.
Comprehensive Logging: Call and event log recording for effective monitoring.
API Documentation: Standard HTTP API for integration with other systems.

Product Overview

The Macsys PAS-NA1000 Network Audio Central Server Software offers a sophisticated solution for managing and integrating network audio systems. Utilizing a B/S (Browser/Server) architecture, it provides centralized control of network audio devices through an intuitive web interface and a detailed Dashboard. Users can easily schedule and customize timed and alarm events, with management extending to mobile devices via a dedicated app for remote access and secure operation. The software excels in broadcasting flexibility, handling multiple real-time tasks with server sound cards, media files, terminals, and speech synthesis. It allows for custom call management, including settings for call transfer, answering, and priority, and supports media library management for easy access to audio files and pre-recorded messages. Seamless integration with third-party VOIP phones via SIP trunk enhances communication capabilities, while comprehensive logging features and standard HTTP API documentation facilitate effective system monitoring and integration with other systems. The PAS-NA1000 is designed to streamline audio management and enhance communication across various network environments, making it a versatile and valuable tool for diverse operational needs.

Technical Specification

PAS-NA1000 | Network Audio Central Server Software

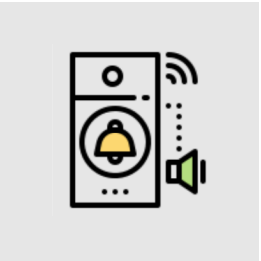
Unified Management and Intuitive User Interface



Centralized Management: Leverage a B/S software architecture for seamless and efficient control of all IP intercom and PA devices.
Dashboard Overview: A user-friendly web interface presenting all essential system information at a glance.
Event Customization: Easily create, schedule, and manage timed events, alarm triggers, and personalized event combinations.
Mobile App Integration: Operate the broadcasting system conveniently through a mobile app, with comprehensive user account management and customizable access permissions.

Broadcasting and Communication Flexibility

Versatile Broadcasting Options: Supports simultaneous real-time broadcasts via server sound card, audio files, terminals, and speech synthesis.
Customizable Call Settings: Configure user-defined call transfer, answering preferences, and call priority levels.
Media Library Management: Upload and manage audio files and pre-recorded messages with ease.
VOIP System Integration: Seamlessly connect to third-party VOIP phones using SIP trunk technology.



System Monitoring and Integration



Comprehensive Logging: Includes call-log and event-log recording with inquiry capabilities for effective system monitoring and analysis.
Seamless Integration: Provides standard HTTP API documentation to enable smooth integration with other systems and support third-party development.

Hardware Requirement

Specification

Operating System	Windows 7、Windwo 10、Window Server 2012 and above
CPU	Intel Core I5 、I7 、AMD
Memory(RAM)	DDR3 4GB and above
System Type	64-bit operating system
Hard Disk	SATA 120G SSD or 500G HDD
Sound Card	Stereo mixer

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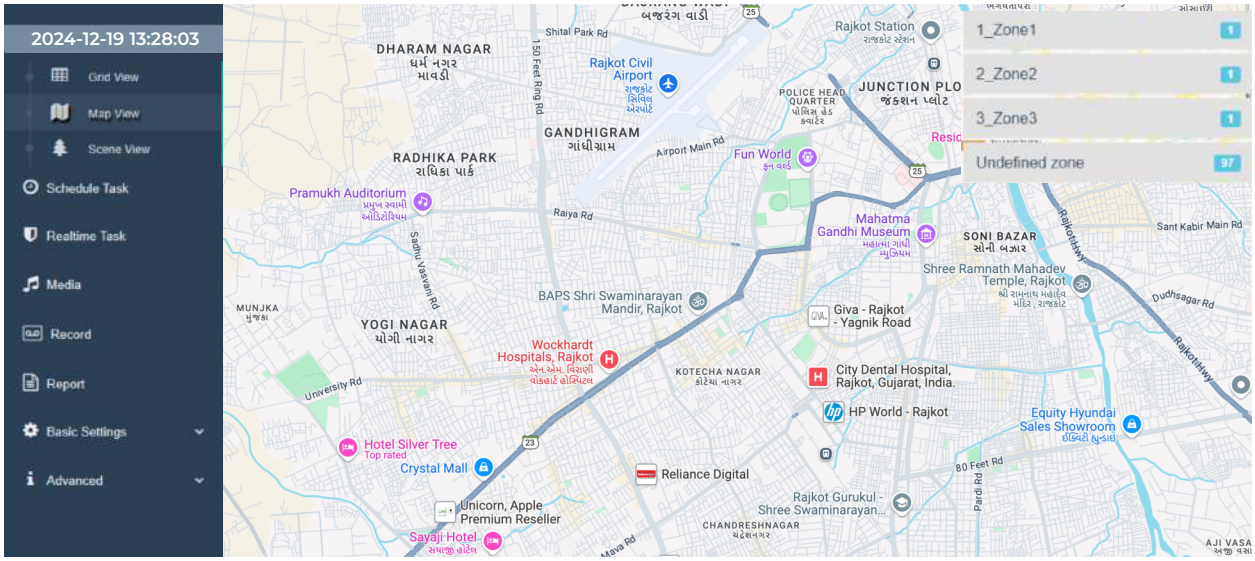
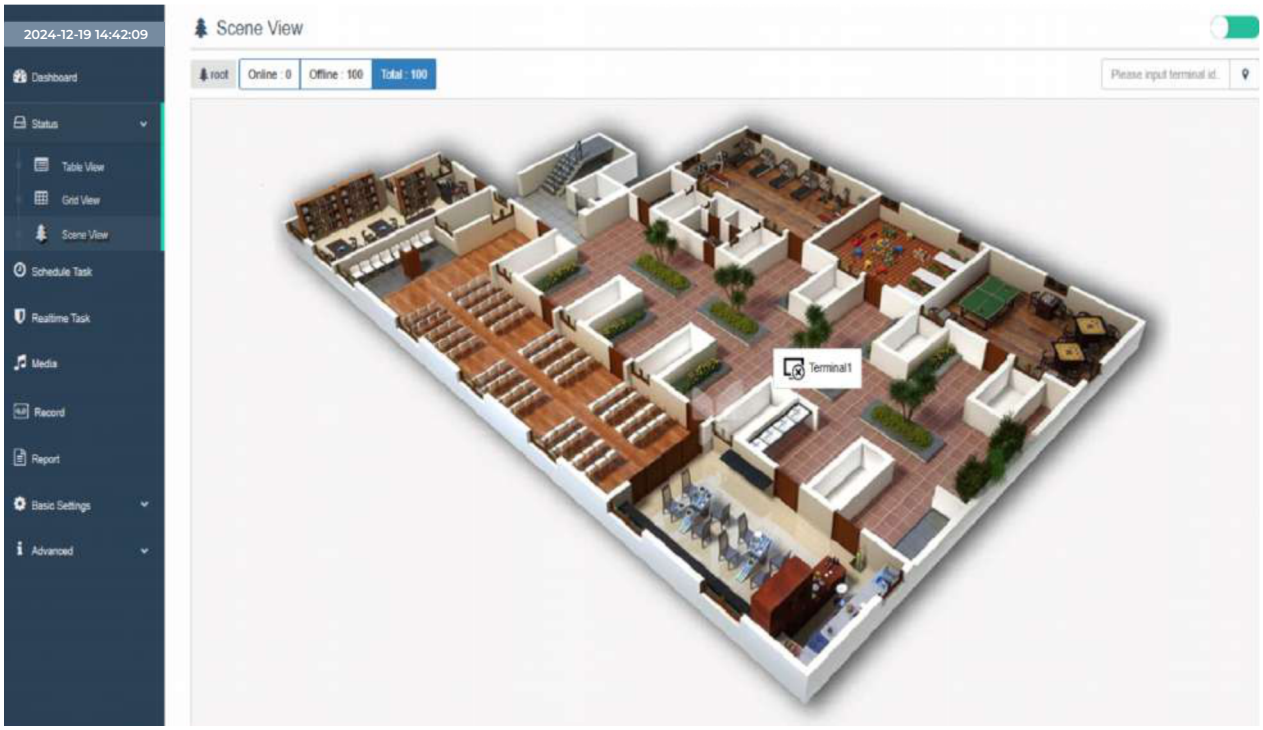
PAS-NA1001 – MAP Module



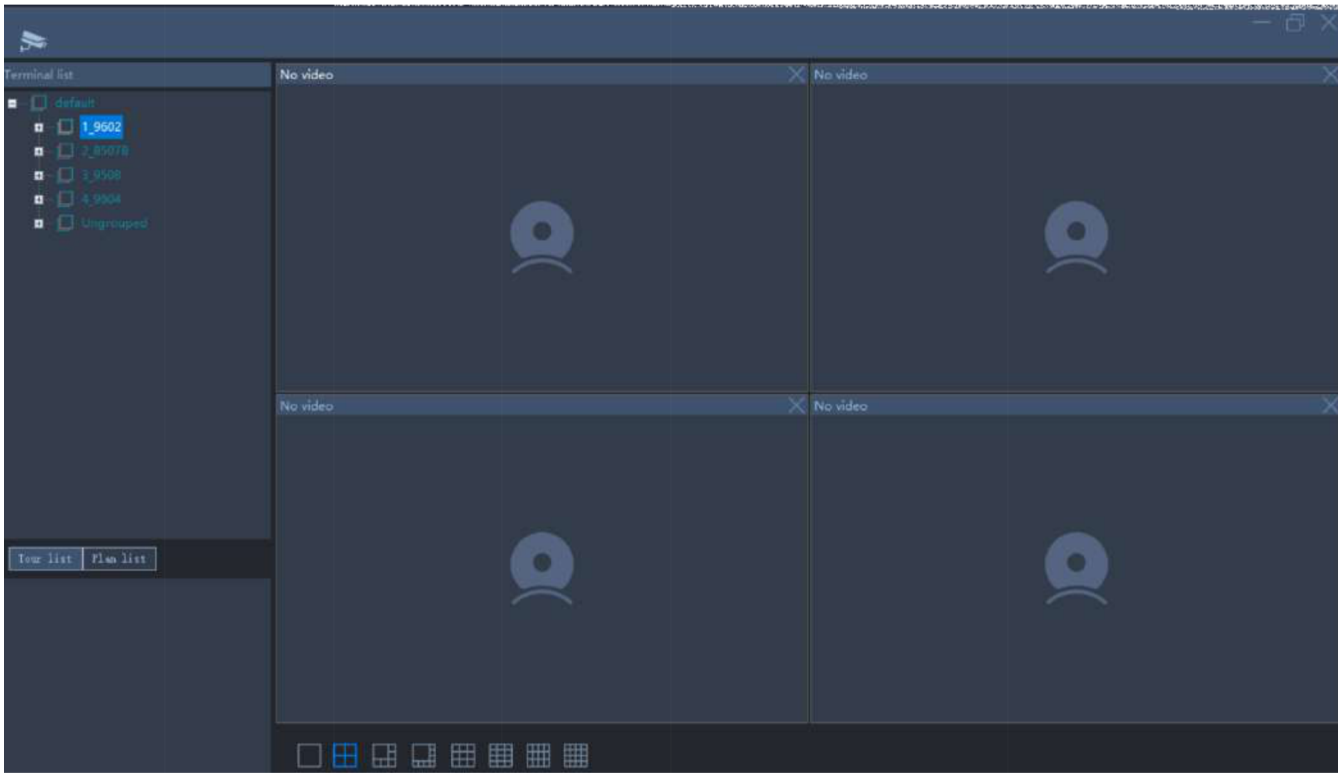
PAS-NA1002 – Scene View Module



PAS-NA1000 | Network Audio Central Server Software

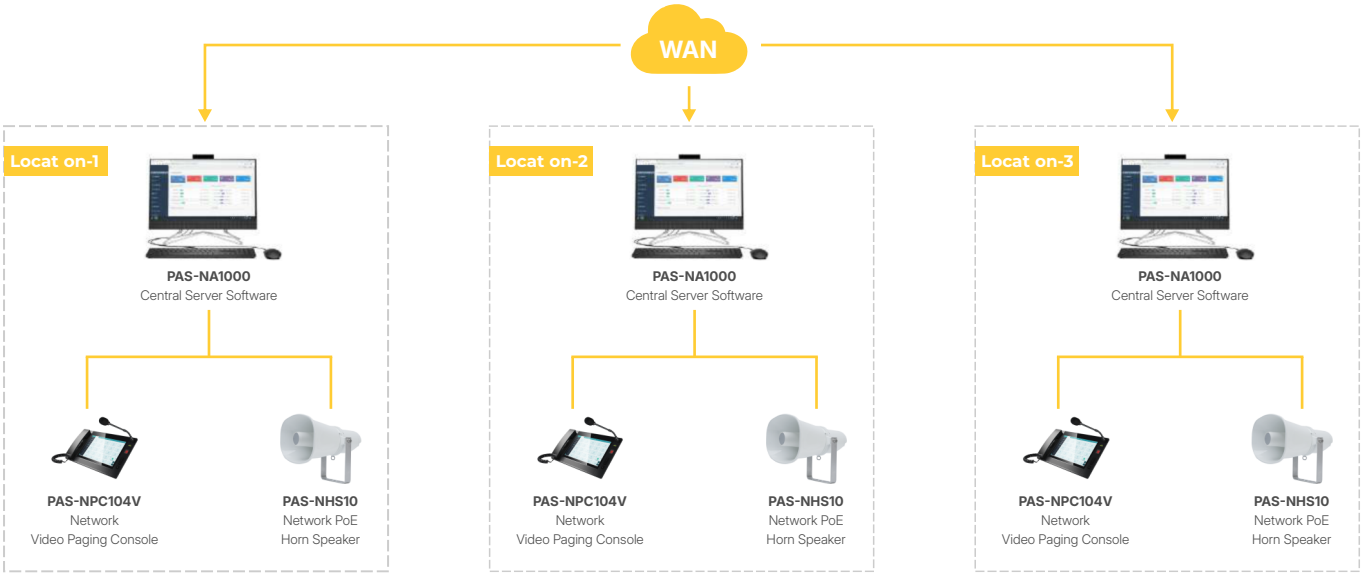
Video Plugins

The Network Audio Central Server Software PAS-NA1000 supports video viewing. Users can bind external IP cameras with IP intercom devices. When an intercom device calls the central microphone, the video from the IP camera will pop up on the PAS-NA1000 interface. Additionally, users can view real-time video from the IP cameras within the module.



Application of Multi-Server Scale

The Network Audio Central Server Software PAS-NA1000 supports multiple server interconnections to expand the system's scale. The IP intercom or IP PA devices under the corresponding servers can intercommunicate with each other. The system allows a maximum of 64 server interconnections, expanding capacity to 64,000 terminals.



Technical Specification

PAS-NA1000 | Network Audio Central Server Software

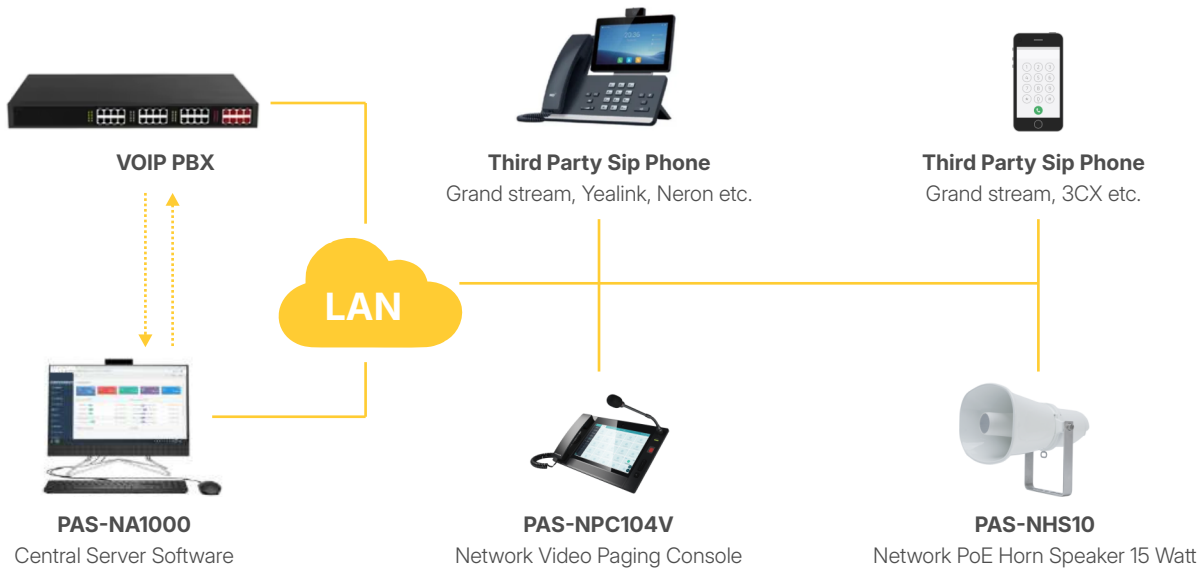
Application with Sip Phone

The Network Audio Central Server Software PAS-NA1000 supports integration with third-party standard SIP phones or SIP soft apps to enable real-time SIP voice paging announcements. Additionally, the software PAS-NA1000 supports creating timed tasks and real-time task broadcasts to designated terminals or zones.



Application with VOIP by SIP Trunk

The Network Audio Central Server Software PAS-NA1000 supports integration with third-party VOIP telephone systems using SIP Trunk. The SIP phones under the VOIP telephone system can communicate with Macsys IP intercom and PA audio terminals.



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