



Description

The PA system management and control software, installed in the control center or computer of the IP PA system, is a comprehensive management platform for PA system data exchange, system operation and functional operation.

Feature

- * Adopt the Loongson embedded platform operating system and use the server-level Uniontech domestic system as the core operating platform to protect the system from virus interference and damage and greatly improve the stability of the system operation.
- * B/S platform operating system architecture supports LAN and WAN transmission (cross-network band, cross-router), can be deployed anywhere in the network, and supports any operating system, any browser for remote access.
- * Responsible for audio streaming management, respond to playback requests of audio terminal and audio full-duplex exchange, hold functions of terminal management, user management, program playback management, audio file management, recording storage, internal communication processing and others; manage program library resources, and provide timed playback and real-time media services for all audio terminal devices.
- * Unified management of all audio terminals in the system, including paging microphones, intercom terminals, broadcasting terminals and fire alarm interface equipment.
- * Support audio terminal full-duplex real-time two-way communication, support one-key help, one-key broadcast, one-key monitoring, conference mode, simultaneous dialing and other modes, support customized settings of time strategy and transfer strategy, support timed hanging up of a call, automatic hanging up when muted, and the customized conference waiting time.
- * The system supports a maximum of 128 channels of calls simultaneously participating in the conference discussion mode.
- * Build a program resource library, respond to program playback requests of the audio terminal, support the simultaneous establishment of multiple program libraries, support the establishment of program library channels, and the terminal can remotely play channel programs on demand.
- * Support programming timed tasks: timed offline file playback, recording, music file playback, channel broadcasting and so on, support programming multiple timed programs, and support free selection of operating terminals.
- * Support terminal zone management function, customize zone terminals, support selecting broadcasting and dialing functions of the zone number, such as conference mode and customer service mode.
- * Support the terminal recording of the broadcast, intercom, monitoring, and emergency evacuation, and the area and time of recording are customized; timed recording and separated recording functions are supported.



- * The system has a task trigger mechanism that supports fire trigger, demolition trigger, terminal online trigger, terminal offline trigger, sound pressure detection trigger, short circuit trigger and other trigger types. It can be customized to execute tasks such as local media playback, local receiving channel broadcast, recording, text messaging, email sending, short circuit output and other types of tasks.
- * Support customized audio stream and network bandwidth occupancy rate; support up to 768Kbps stream to realize high-quality audio playback, and support 8Kbps stream at least to solve the problem of insufficient network resources.
- * Support the simultaneous establishment of multiple management accounts and operation accounts, support the management of terminal quantity, terminal function authority, and account operation authority setting, and support disabling and enabling user functions.
- * Support VOIP phone access.
- * Support 9-level conversation priority setting, support one-click conversation level dragging, and the dragging takes effect immediately.
- * Support terminal customized settings of digital volume including music, intercom, broadcasting and fire alarm, and analog volume including EMC, LINE, earphone, amplifier, monitoring, and External, etc.
- * Support the external power management of the audio terminal, support scheduled power-on and delayed power-off, and the time is customized.
- * Terminals such as computers, smart phones and tablet PCs do not need to install any user programs; support logging in to the system through a browser, with a brand-new user interface, support 3D dynamic drag-and-drop operation and real-time data push.
- * The software supports the embedded development of third-party platforms to achieve integration with other system platforms (such as building visitor systems, surveillance video systems, etc.), and can provide HTTP interface standard documents and DEMO programs for third parties.
- * Support the control of the PA system through the mobile APP.
- * Support setting the initiator and receiver prompt tone of audio terminal intercom, broadcasting, conference.
- * Support remote automatic upgrade of server system and terminal firmware, support import and export of data backup, and support one-key recovery of factory settings.
- * Support system log recording and real-time display of server operating status graph.
- * Support engineering information recording, convenient for maintenance and inspection.
- * The administrator can import any project plan or map after logging in to the PA system, add the terminal icon to the corresponding position, and graphically display the state of the terminal, and conduct intercom or monitoring with the terminal, which can be output to the LCD TV or display equipment such as large screens or projections, allowing monitoring personnel to monitor the running status of the terminal in real time.