



## Description

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

## Feature

1. It adopts an embedded platform operating system and uses the server-level Linux system as the core operating platform, which makes the system free from virus interference and damage and greatly improves the system operation stability.
  2. The B/S platform operating system architecture supports LAN and WAN transmission (across network segments and routers), can be deployed anywhere in the network, and supports remote access and login using any operating system and any browser.
  3. Responsible for audio stream transmission management, responding to playback requests from each audio terminal and full-duplex audio exchange, with functions such as terminal management, user management, program playback management, audio file management, recording storage, internal communication scheduling and processing; managing program library resources, providing scheduled playback and real-time on-demand media services for all audio terminals.
  4. Unified management of all audio terminals within the system, including paging microphones, intercom terminals, broadcasting terminals and fire interface equipment.
  5. Supports TTS voice broadcast, which can convert text into voice playback. In order to adapt to the needs of different occasions and scenarios, the speaking speed range of 1~99 can be set in the background, and male or female voice can be selected.
  6. Supports full-duplex real-time two-way calls on audio terminals, supports one-key help, one-key broadcast, one-key monitoring, conference mode, simultaneous dialing and other call modes, supports customized settings of time strategy and transfer strategy, supports time-limited hang-up of calls, silent automatic hang-up, and customized conference waiting time.
  7. The system supports up to 128 simultaneous multi-party calls participating in conference discussion mode.
  8. Establish a program resource library to respond to the program playback needs of audio terminals, support the establishment of multiple program libraries at the same time, support the establishment of program library channels, and the terminal can remotely on-demand channels to play programs.
  9. Programming scheduled tasks supports multiple programming schemes such as scheduled offline file playback, recording, music file playback, channel broadcasting, etc., supports programming multiple sets of timing schemes, and supports any optional execution terminal.
  10. Support terminal partition management function, custom partition terminals, support broadcast and dial functions of selected partition numbers, such as conference mode, and customer service mode.
  11. It supports terminal broadcasting, intercom, monitoring, and emergency fire recording. The recording area and recording time can be set arbitrarily. It supports scheduled recording and time-divided recording functions.
  12. 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.
  13. Supports user-defined audio bitstream and network bandwidth usage; supports up to 768Kbps bitstream to meet the needs of high-quality audio playback, and a minimum of 8Kbps bitstream to solve the problem of insufficient network resources.
  14. Multiple management accounts and operation accounts can be established at the same time, supporting the management of terminal quantity, terminal function permissions, account operation permission settings, and supporting disabling and enabling user functions.
  15. Support VOIP phone access.
  16. Supports 9 levels of session priority settings and one-click session level dragging, which takes effect immediately.
- manage and control the terminals and tasks of the lower-level servers, control task playback, volume control, device management, etc.



## **luna cloud platform voice PA system multi-level**

### **version software V7.28 T-7800RM1**

17. Supports terminal custom settings for digital volume of music, intercom, broadcast, fire protection, etc. and analog volume of EMC, LINE, earphone, amplifier, monitoring, External, etc.
18. Supports external power management of audio terminals, supports timed opening and delayed closing, and the time can be set arbitrarily.
19. Terminals such as computers, smart phones and tablets do not need to install any user programs. You can log in to the system through a browser. The new human-computer interaction interface supports 3D dynamic drag and drop operations and real-time data push.
20. Integrating AirPlay wireless technology, all mobile phones, tablets, etc. that support AirPlay function can be connected and used, making it incomparably simple and easy to use.
21. The software supports embedded development on third-party platforms and can be integrated with other system platforms (such as building visitor systems, surveillance video systems, etc.). It can provide standard documentation and DEMO programs for HTTP interfaces for third-party development.
22. Supports controlling the broadcasting system through mobile phone APP.
23. Supports audio terminal intercom, broadcast, and conference initiator and receiver prompt tone settings.
24. Supports remote automatic upgrade of server system and terminal firmware, supports data backup import and export, and supports one-click restoration to factory settings.
25. Supports system log recording and real-time display of server operation status diagram.
26. Supports engineering information recording for easy maintenance and viewing.
27. It supports administrators to log in to the broadcasting system through the web and import any project plan or map. After adding the terminal icon to the corresponding position, the status of the terminal is graphically displayed, and the terminal can be intercom or monitored. The terminal can be output to display devices such as LCD TVs, large screens or projections, allowing monitoring personnel to monitor the operating status of the terminal in real time. It is suitable for use in large-scale monitoring and broadcasting projects.
28. Support multi-level management and control: Support unlimited downstream expansion of servers. The upper-level server can manage and control the terminals and tasks of the lower-level servers, control task playback, volume control, device management, etc.