

PROSPERO Broadcasting System Release Notes

Date: 2026/5/10

Date	Version No.	Description
2026/5/1	1.2.1	Added new features and fix issues
2024/11/4	1.0.25	First release

V 1.2.1

1. Added media library file quantity limit: total number shall not exceed 250, and the duration of a single file shall not exceed 45 minutes
 2. Added limit on the number of audio files for preset tasks: no more than 80 files with a total duration not exceeding 420 minutes
 3. Added permission for call stations to specify zone groups
 4. Added pre-recorded broadcast saving function
 5. Fixed the issue where scheduled tasks may fail to execute after resume when pausing scheduled tasks or removing the dongle in English operating system environment.
 6. Added temporary zone volume control function
 7. Added function to specify broadcast stop time for scheduled broadcast tasks
 8. Added volume control user role to support only temporary zone volume control
 9. Added hidden exam mode function
 10. Added pause/resume function for pre-recorded broadcasts and scheduled tasks
 11. Added display of executing tasks in the system overview
 12. Added system REST API interface.
 13. Added function to start/stop emergency broadcast via control input
 14. Added broadcast linkage control output function
 15. Updated streaming service, replaced srs with zlmedia
 16. Increased control software concurrency to support 500 devices and 16 concurrent tasks
 17. Removed some useless tools to reduce the size of the installation package
 18. Optimized the possible out-of-order situation of device messages
 19. Optimized system log recording
 20. Optimized the validity period of API interface token and flushtoken to be consistent with the system login validity time
 21. Optimized broadcast priority rules
 22. Merged instruction services to improve instruction transmission efficiency
 23. Adjusted the playback rules of post prompt tones
 24. Fixed abnormal issues caused by adjusting system time
 25. Fixed dongle authentication failure caused by the activation of daylight saving time
 26. Fixed abnormal startup of control software when redis data is damaged due to abnormal server shutdown
 27. Fixed the issue where the control software displays frequent online/offline status of devices due to abnormal device heartbeat
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- 28. Fixed the issue where the call station cannot set background music and paging tasks at the same time
- 29. Optimized the setting of disabling the fast startup of the operating system during installation

V 1.0.25

- 1. First Release
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