BOSCH

PRP-LSSW System software License
PROSPERO

▶ PROSPERO Master Control Software for Public Address Systems

▶ B/S architecture, supporting multi-client login

▶ Multiple broadcasting functions and system device management

▶ System overview dashboard

▶ Exam mode and self-test mode

The PROSPERO Public Address System operates on a standard IP network and uses B/S architecture. The server-side of its master control software is installed on a PC running the Windows Server operating system and operates as a Windows service in the background, controlling and monitoring all PROSPERO device components. Full functionality of the broadcast software is available through the PRP-LSSW system software license authorization, which is provided in the form of a USB dongle that can be inserted into any of the PC's USB ports prior to booting the host PC.

Functions

- Broadcast zone and zone group management.
- Management of pre-recorded and emergency broadcasts.
- Scheduled broadcasting allows for configuring one-time or periodic playback strategies, with multiple scheduled tasks able to be consolidated into a single plan.
- Media library management: After users upload pre-recorded voice and background music files, the system automatically performs transcoding.
- Real-time zone monitoring with volume control.
- Remote management of devices, including IP address configuration, firmware upgrades, and status monitoring
- System configuration backup and recovery, including device configuration parameters and pre-recorded voice files.
- System log view, including broadcast logs, equipment failure logs, user login logs, etc.

- System overview dashboard showing recent broadcast tasks, device status and fault status.
- Exam mode to prioritize the 100 V input signal for active IP speakers.
- Self-test mode, checking indicators and displays of connected devices.
- User account management to configure user roles, software menu permissions and broadcast operations settings

Client Login
Users can log into the PROSPERO public address system's web management interface using browsers such as Edge, Firefox, and Chrome, supporting simultaneous login from multiple clients within the same network. After the user account has been verified, users can perform authorized system operations, including pre-recorded broadcasting, scheduled broadcasting, real-time monitoring, system logs, system management, and emergency tasks.

Terminal configuration tool
When PROSPERO device components are first connected to the system, the terminal configuration tool software must be used for initialization settings, including naming the device, configuring the device's IP address, and setting the IP address of the broadcast server it is connected to.

Parts included

Quantity	Component
1	USB dongle

Technical specifications

System requirements

The minimum PC requirements for computers running software services in the PROSPERO system are:

Item	Minimum requirement
CPU	Intel Core i5 2.0GHz
Internal memory (RAM)	8 GB
Hard disk	256 GB SSD
Graphic card (GPU)	Supports DirectX 12 and WDDM 2.0 drivers
Screen resolution	Minimum 1280x720 resolution, 1920x1080 resolution recommended
Network connection	100 Mbps/1 Gbps Wired Ethernet
USB port	At least one USB 2.0 port
Operating system	Recommended for Windows Server 2012 and above, compatible with Windows 10 and Windows 11 operating systems

Ordering information

PRP-LSSW System software license

USB dongle that authorizes access to PROSPERO Software platform for system management and operation.
Order number **PRP-LSSW | F.01U.429.435**