BOSCH

PRP-LSSW system software licenses
PROSPERO

The PROSPERO public broadcasting system runs on a standard IP network with B/S architecture. The server side of its master control software is installed on a PC with Windows Server operating system and runs in the background as a Windows service, controlling and monitoring all PROSPERO device components. The full functionality of the broadcasting software is authorized through the PRP-LSSW system software license, which is provided in the form of a USB dongle and can be inserted into any USB port of the PC before starting the master PC.

Functionality

- Broadcast Partition and Partition Group Management
- Management of pre-recorded and emergency broadcasts
- Scheduled broadcasts, with configurable one-time or periodic playback policies, and multiple scheduled tasks that can be aggregated into a single scheduled scenario
- Media library management, the system automatically transcodes pre-recorded voice and background music files after users upload them.
- Real-time zone monitoring with volume control
- Remote management of devices, including IP address configuration, firmware upgrade, status monitoring, etc.
- System configuration backup and recovery, including device configuration parameters and prerecorded voice files
- System log view, including broadcast logs, equipment failure logs, user login logs, etc.
- System overview dashboard showing recent broadcast jobs, device status and fault status
- Exam mode to prioritize 100V input signal for active IP speakers
- Self-test mode to check the indicators and displays of connected devices
- User account management, configuring user roles, software menu permissions and broadcast operation settings

Client Login
Using Edge, FireFox, Chrome and other browsers, you can log in as a client to the web management interface of PROSPERO public address system, which supports multiple clients in the same network to log in at the same time. After the user account login verification, users can carry out authorized system operations, including pre-recorded broadcasts, scheduled broadcasts, real-time listening, system logs, system management and emergency tasks.

➤ Master control software for PROSPERO public address system

➤ B/S architecture, supports multi-client login

➤ Multiple broadcasting functions and system device management

➤ System overview dashboard

➤ Examination mode and auto-test mode

Terminal Configuration Tool
PROSPERO device components are first connected to the system, they need to use the Terminal Configuration Tool software to make initial settings, including naming the device, configuring the IP address of the device and the IP address of the broadcast server it connects to, and so on.

Supplied parts

quantities	modules
1	USB dongle
1	RoHS

Technical indicator

System requirements
For computers running software services in the PROSPERO system, the minimum PC requirements are:

CPU	Intel Core i5 2.0 GHz
random access memory (RAM)	8 GB
hard disk	256 GB Solid State Drive
display card (computer)	Supports DirectX 12 Support for WDDM 2.0 drivers
monitor (computer)	Minimum 1280 x 720 resolution, recommended 1920 x 1080 resolution
network interface	100 Mbps/1G bps 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

Ordering Information

PRP-LSSW SYSTEM SOFTWARE LICENSE USB dongle that authorizes access to the software platform for PROSPERO system management and operation.
Order No. **PRP-LSSW | F.01U.429.435**