

KL660K

Stage Central Control System



Description

The Smart Control System is an integrated hardware and software solution designed for show production and live performances. It enables centralized control of lighting consoles, stage lighting fixtures, LED video screens, media players, and other control devices. Users can freely program lighting scenes and synchronize them with music, video, and central control commands to create complete show sequences, allowing one-key playback of the entire show. It is suitable for smart banquet halls, multifunctional studios, cultural tourism landscapes, outdoor lighting installations, music restaurants, and multifunctional conference venues.

Features

- An integrated hardware and software show control system for centralized management of lighting consoles, stage fixtures, media players, and control devices.
- Enables seamless integration of lighting, music, video, and control commands into synchronized show programming.
- Supports one-key playback of fully programmed shows for efficient live performance operation.
- Built with an industrial-grade motherboard and a 17.3-inch 500-nit high-brightness capacitive touchscreen for stable professional performance.
- Supports MIDI timecode, Art-Net timecode, and RS232 command input/output for flexible system integration.
- Provides expansion up to 32 Art-Net DMX universes and supports recording/playback of up to 32 DMX512 universes.
- Features timeline-based editing for precise programming of lighting and multimedia events.

- Supports video preview, cropping, and position adjustment for flexible visual control.
- Equipped with 3 × DisplayPort outputs, 4 × USB 2.0 ports, dual Gigabit Ethernet ports, and a 3.5 mm stereo audio output.
- Offers 256 GB SSD storage with support for unlimited show storage depending on available capacity.
- Designed with future-ready support for multi-terminal control via Android and PC platforms (under development).
- Supports device networking and interconnection expansion for future system integration (under development).
- Operates on a wide voltage input range of AC 110–240V for stable global deployment.

Specifications

Model	KL660K
Display	17.3-inch capacitive touchscreen, 500-nit brightness, anti-glare, high-sensitivity touch
Main Board	Industrial-grade motherboard
Audio Output	3.5 mm stereo headphone output
USB Ports	4 × USB 2.0
Video Output	3 × DisplayPort (DP) UHD outputs
Storage & Memory	256 GB Kingston SSD, 8 GB RAM
Network	2 × Gigabit Ethernet ports
Timecode	MIDI timecode, Art-Net timecode supported
DMX Capability	Art-Net expansion up to 32 DMX universes; supports 32 × DMX512 recording/playback
Control Protocols	RS232 command input/output
Video Functions	Video cropping, repositioning, and preview monitoring
Editing System	Timeline-based show editor
Storage Capacity	Unlimited program storage (subject to disk capacity)
Power Input	AC 110–240V wide voltage input
Dimensions	435 × 270 × 100 mm
Weight	3.82 kg