

KL1024K

1024-Channel DMX Intelligent Lighting Console



Description

The 1024-Channel DMX Intelligent Lighting Console can control up to 96 intelligent computerized lights simultaneously. It supports Pearl R20 format libraries and includes built-in shape effects for effortless creation of X/Y circular motion, RGB rainbow effects, chase sequences, and more. The console can operate 10 scenes and 10 built-in shapes concurrently, with faders available to control and adjust scene brightness outputs.

Features

- DMX512/1990 standard, supporting up to 1024 DMX control channels with dual optically isolated outputs.
- Controls up to 96 moving head lights or 96 dimmer channels.
- Newly added Art-Net support and built-in simulator function.
- New RDM bidirectional output, allowing fixture address setup directly on the console.
- Compatible with Pearl fixture library (R20 format), and users can create fixture libraries on the console.
- Backlit LCD screen with switchable Chinese/English interface; panel language optional in Chinese or English.
- Built-in graphic generator with 135 preset patterns, enabling easy control of moving head effects such as circle, spiral, rainbow, chase, and more.

- Graphic parameters (e.g., amplitude, speed, interval, wave, direction) are independently adjustable for faster and more flexible scene design.
- Each scene can store up to 5 graphic patterns; supports simultaneous operation of 10 graphics.
- Stores up to 60 materials (presets).
- Supports individual material storage.
- Stores up to 60 playback scenes, including multi-step and single-step scenes, with each multi-step scene containing up to 600 steps.
- Allows simultaneous output and playback of 10 scenes.
- Equipped with 10 master faders; compatible with both button and fader controls.
- Supports address resetting, pan/tilt swap, and channel inversion functions.
- Data memory retention in case of power-off or unexpected power failure.
- USB drive backup for console data; supports data import/export between consoles of the same model.
- Supports remote software upgrade, enabling new feature additions anytime.
- Preset faders for quick and convenient control of fixture attributes.
- Supports instant blackout function.
- Professional gooseneck work light (optional), suitable for both indoor and outdoor use.

Specifications

Model	KL1024K
DMX512 Number of Channels	1024
Number of Compatible Computer Lights	96
ARTNET	Support
RDM	Support
Readdressing Computer Lights	Support
Pan/Tilt Swap for Fixtures	Support
Channel Inversion for Fixtures	Support
Channel Crossfade Mode Switch	Support
Max Control Channels per Fixture	40 Main Channels + 40 Fine Channels
Fixture Library	Supports Pearl R20 Library
Scene Storage Capacity	60
Number of Scene Running Simultaneously	10
Total Steps in Multi-Step Scenes	600
Scene Timing Control	Fade In, fade Out, LTP Crossfade
Max shapes per Scene	5
Scene Launch and Dimming via Fader	Support
Scene Interlocking	Support
Point Control for Scenes	Support
Built-in Shape Generator	Support Dimmer, P/T, RGB, CMY, Color, Gobo, Iris, Focus shapes
Number of Shape Running Simultaneously	10
Master Fader	Grand, Playback, Fixture Control
Instant Blackout	Support
Dial Adjustment for Channel Values	Support
Fader Adjustment for Channel Values	Support
Fader Dimming	Support
USB Drive Compatibility	Supports FAT32 format