

CQ-DSP05

DMX Scene Panel



Welcome to the CQ-DSP05 POE Smart Scene Panel! Equipped with a 5.5-inch wide-view angle LCD touchscreen, this panel supports dual connectivity (wired network/WiFi), allowing one-touch control of network offline consoles to quickly switch between lighting scenes and light shows. As a key control terminal for lighting projects such as lighting embellishment, stadiums, exhibition halls, museums, hotels, and shopping malls, the DMX scene panel features a concise and intuitive interface, enhancing efficiency and convenience for lighting design work.

The DMX scene panel is compatible with DMX network offline consoles (e.g., SLESA, DINA, SUNLITE, DASLIGHT series). Through software programming, you can precisely control devices such as LEDs, DMX stage lights, laser lights, beam lights, and DMX relays. Additionally, the DMX scene panel supports user-defined interfaces and one-click function upload/update. The CQ-DSP05 adopts two power supply methods: external 12V DC and POE, and can be directly embedded in an 86-type backbox for installation, enabling efficient and convenient deployment.

1. Specifications

Model No.	CQ-DSP05
Power Input	12V DC / POE
CPU	RK3566
Memory	2G
LCD Pannel	5.5-inch Wide-view Angle, Capacitive Multi-touch Screen
Resolution	720x1280
Connection	WiFi / Ethernet
Temperature	-10~60°C
Dimension	146x84x11mm
Backbox	Embedded 86-type Backbox or Gang Backbox

2. Features

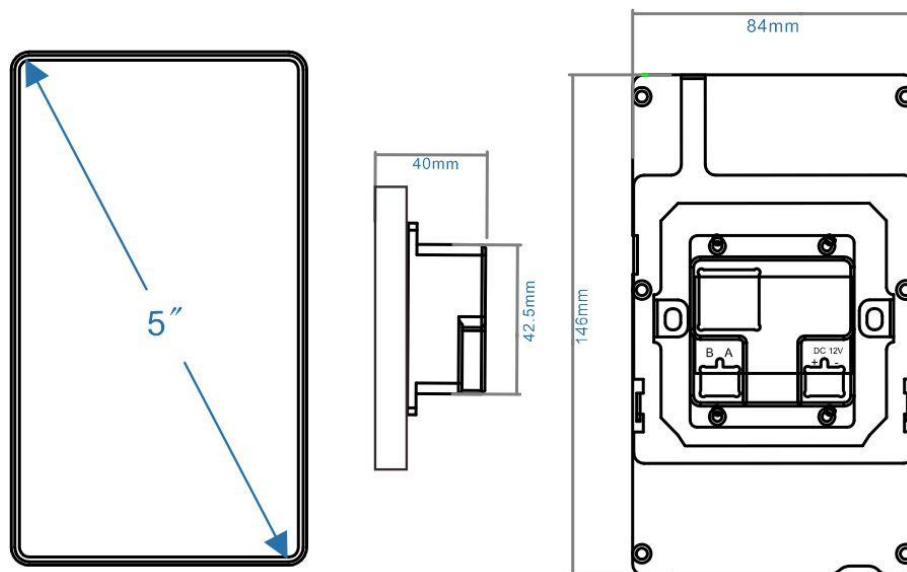
- Customizable theme, buttons and control parameters; configuration directly on screen
- Network interconnection, directly output UDP / OSC control commands
- Compatible with Nicolaudie, Sunlite, Daslight network DMX controllers
- Works with multi-brand 8-port LED main controllers
- Optional screen sizes: 4" /5" /8" /10" and larger
- Supports LED fixtures, musical fountains, stage lighting and DMX dynamic installations
- Scene switching, RGBW dimming & color tuning and CCT control available
- Unicast and broadcast dual modes; each page can control separate devices
- Multi-screen linkage, bidirectional synchronized control with tablets
- Built-in multiple color themes; background images uploadable via Web
- Multi-zone management; independent control for each zone without mutual interference
- Auto-lock configurable, administrator password provides dual security protection
- Support secondary confirmation for operations and welcome screen management

- Dual power supply: PoE / external 12VDC
- Compatible with standard 86-type back boxes and North American Gang boxes
- Neutral UI, customizable LOGO upload

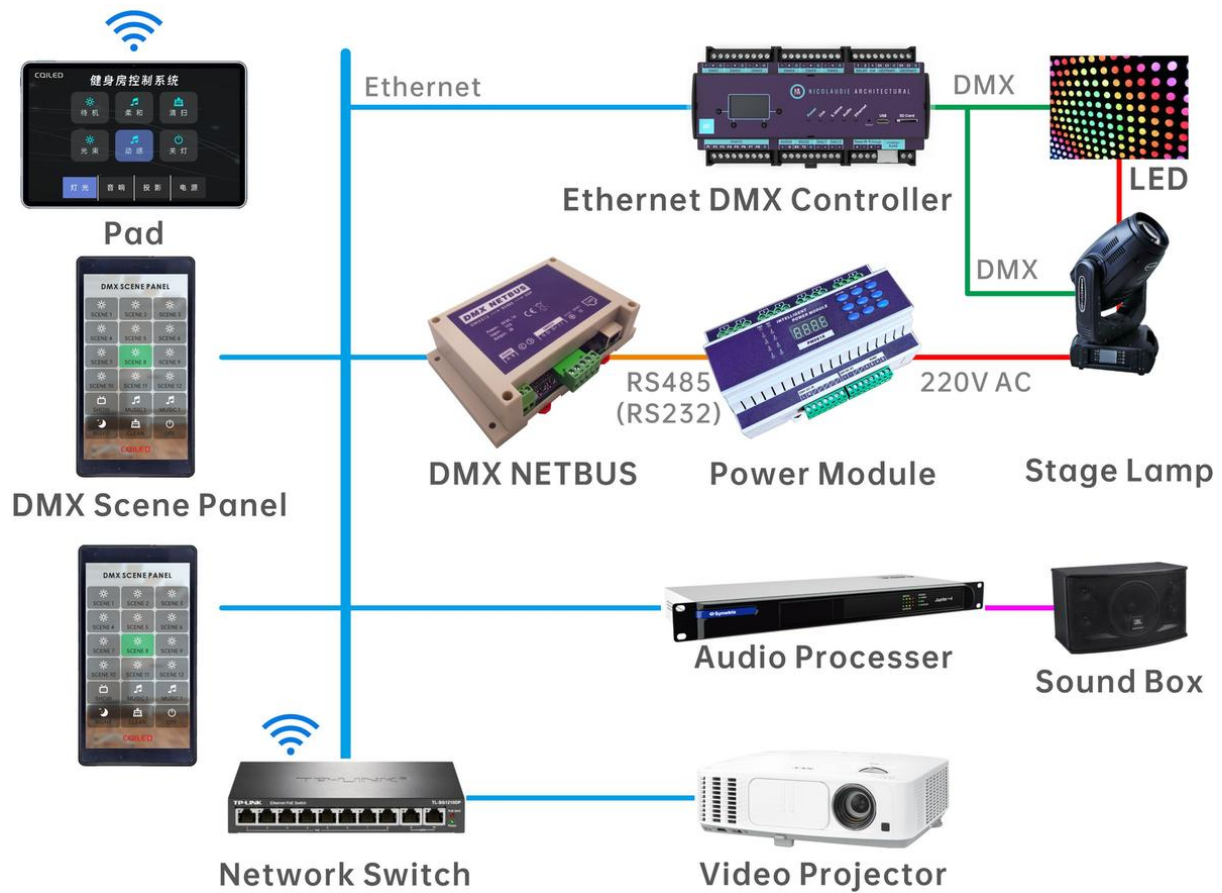
3. Applications:

- Auditoriums, TV Stations: Quick switching of lighting modes
- Museums, Exhibition Halls, Stadiums: Intelligent control of lighting scenes
- Hotels, Shopping Malls: Adjustment of lighting scenes in commercial spaces
- Building Facades: Control of outdoor lighting embellishment scenes

4. Dimensions:



5. System Diagrams



6. Panel Configuration

Users can select the target controller directly on the scene panel and configure parameters including controller IP, scene quantity, zone control, theme and display settings. For detailed operations, please refer to **"DMX Scene Panel2 Configuration Manual"** .

Within the configuration menu, users can export current interface parameters as a backup file. The file can be saved to a computer via web access, facilitating mass deployment or quick configuration restoration later.