DESCRIPTION

The Stage CL by Chroma-Q is a lighting control console intended for the control of intensity-only fixtures and multi-colour LEDs. It has been specifically designed and optimised for easy control of full colour LED fixtures for all users from beginners to the advanced profes-sional. Intended for use by rental companies, corporate event sup-pliers, schools, community theatres, and Houses of Worship, the Stage CL is suitable where full control of up to 24 LED and/or in-tensity-only fixtures is required.

The Stage CL includes 12 fixture control channels complete with intensity fader, Hue and Saturation controls, select button, and full colour RGB mimic LED. Additionally a limited number of non-colour parameters can be controlled, for example "strobe" and "zoom".

The Stage CL includes dedicated scene, chase and cuelist con-trols to provide immediate access to those facilities. Extensive use has been made of multicolour LED indicators to provide console feedback. Programming is based around an integrated full-colour TFT LCD touch screen.

The Stage CL includes a DMX port, an Ethernet ports for use with Artnet and sACN receivers, and USB ports for use with standard USB FLASH drives.

FEATURES

- Dedicated colour controls per fixture
- 24 Fixtures in two pages of 12 *
- Integrated RGB mimic LED per channel
- Single Preset operation
- Dedicated scene controls
- Dedicated cuelist and controls
- One-touch chase programming
- Both single colour and striped Presets
- Dedicated chase controls and flexible operation modes
- Fixtures libraries can be built on the console
- Software Updatable without opening the chassis
- DMX-512 and Ethernet (Artnet, sACN) output
- 480x272 pixel TFT graphics touch screen
- Audio trigger from inbuilt microphone
- Tap synchronisation of chases
- Backup to USB Flash drive
- Spreadsheet style patch
- Multiple colour fan modes
- High speed ARM9 processor
- Universal input DC power supply
- Ethernet port including indicator LEDs
- Storage for multiple shows in the console
- Power switch and indicator LED
- Integrated cable retention
- Kensington lock point
- VESA mount enables mounting on standard monitor arms
- Integrated carry handle

OVERALL SPECIFICATIONS

Power supply	:	12VDC +/-10% 2A
Power consumption	:	24W max
Mains connector	:	5.5/2.1mm coaxial DC power socket
Processor	:	Atmel ARM9
DRAM	:	128MB
FLASH	:	256MB
Ambient temperature:		0°C-40°C
Graphics Display	:	4.3 inch (480x272) TFT
Touch screen	:	Resistive
Maximum Fixtures	:	24
DMX512	:	5 pin XLR
Ethernet	:	100Mbit RJ45
USB	:	Two Type A High Speed
VESA Mount	:	100mm x 100mm
Dimensions	:	520 x 300 x 70 mm
Net/shipping weight	:	4.5 / 6.3kg

* Value does not include multi-patched fixtures

SUPPLIED ACCESSORIES

- Mains PSU + IEC power cable
- Quick start guide

ORDERING INFORMATION

MODEL/PART	PART NUMBER
STAGE CL by Chroma-Q Control Console —	CQ1524-1000

ARCHITECT & ENGINEER'S SPECIFICATION

Operating Software

The console shall incorporate 12 fixture control sets that include Intensity, Hue, and Saturation controls that enable the operator to instantly grab one or more fixtures and change the visible settings. Up to 24 fixtures may be controlled in two fixture pages. The fixture controls may also be used for scene playback as required.

The control console shall integrate a modern Graphical User Interface (GUI) and traditional operator controls into an innovative operating system. The graphic control interface shall simplify the training of operators and enable shorter programming times than with other lighting control consoles. A touchscreen shall form the basis of the user interface.

The console shall incorporate a Patch Wizard to enable the operator to rapidly configure the console for their show. Libraries for standard fixtures shall be available to the operator from the factory, however new fixture libraries shall be able to be constructed by the operator on the console. Multiple fixtures of the same type shall be able to be driven from one console fixture control set.

There shall be a simple means to create chases without programming every step. The console shall include predefined chases and palettes to further reduce programming time.

A special mode coupled with the internal adjustable microphone shall enable set-and-forget operation at parties and other unstructured performances.

Electronics

The control console shall incorporate an embedded motherboard with ARM9 400MHz processor. The processor shall operate with 256MB FLASH and 128MB DRAM. Garden-variety USB Flash memory sticks may be used for show backup.

The control console shall include one 100Mbit Ethernet port and one DMX port for outputting of the control data. The operating system shall be able to be upgraded without opening the chassis.

The control surface shall use custom designed plastic injection mouldings to produce a visually appealing product suitable for use in high profile applications such as television, industrials and corporate product launches.
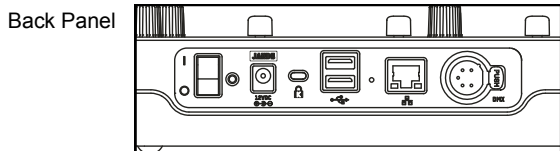
An external universal-input power supply shall enable operation from most worldwide mains supplies without changing settings. A cable locking mechanism for the DC power cable shall prevent the plug from inadvertently coming out.
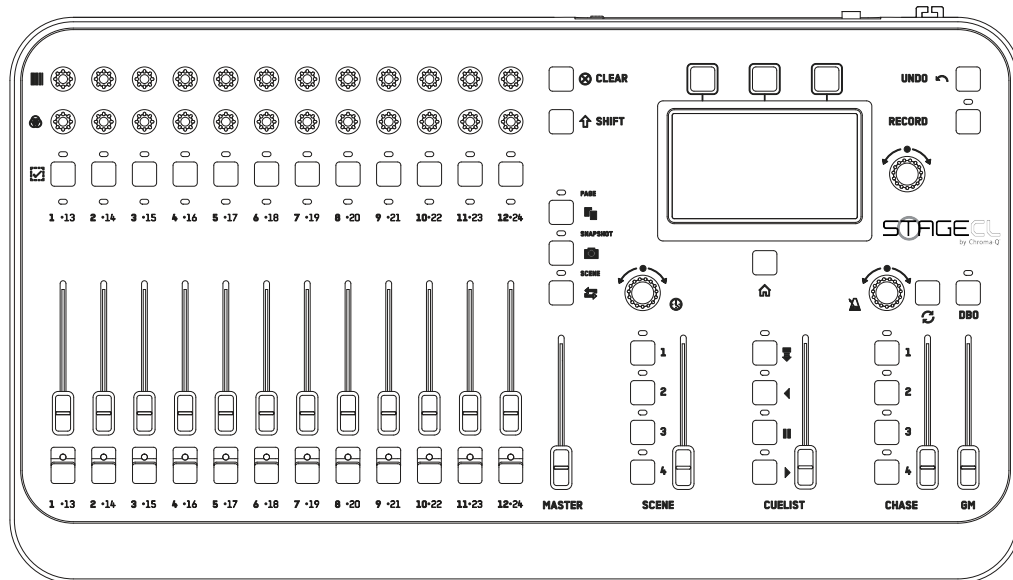
Mechanical

The control console shall be designed to be free standing, and 520 (wide) x 300 (deep) x 70 mm (high), including mounting feet. The console shall incorporate a VESA mount that enables it to be mounted on standard monitor arms.

The primary construction shall be sheet steel, with injection moulded plastic trim. All external metal surfaces shall be properly treated in durable powdercoat and/or anodising.

The control console shall be the STAGE CL by Chroma-Q.

Back Panel

Side View

Front View