zero®88

Solution Series
The next generation of multipurpose lighting control

COOPER Controls

The Solution Series

Key Features

- 248 devices (Solution)
  296 devices (Solution XL)
- USB support for show files storage and touchscreen
- 4 universe optically isolated DMX outputs, or Art-Net and sACN
- ZerOS Operating Software
- Colour Picker
- 8 LCDs on Solution / 12 LCDs on Solution XL
- RDM Enabled
- Optional hardware upgrade enables SMPTE/MIDI/ChilliNet and Remote Switches
- Submaster playback faders with scenes or chases
- Support for iOS, Android, Windows Mobile and Windows PC remote displays
- Fixture Library with over 2600 types
- Shows cross loadable with other ZerOS consoles and importable from original Frog Series
- Cue stack (Playback X) playback for full theatrical playback

Solution Series

The Solution Series from Zero 88 is the most comprehensive multi-purpose lighting console in the market. Running the powerful ZerOS operating software, the Solution Series offers simple hands on control of conventional generic channels, submaster and cue stack playback and moving light controls laid out in an easy to use, familiar fashion.

Solution Series consoles feature four DMX universes, USB storage, external touch screen support*, multiple onboard LCD displays, multifunctional keys (MFKs).

High performance operating software allows Solution Series users to truly feel empowered. Up to 248 (or 296) fixtures can be controlled on either of the desks and these can be allocated to up to 400 groups. Almost limitless, 400 colour, beam, position and effect palettes can be recorded to provide quick access when programming or operating live.

ZerOS' powerful effects engine and chases can be manipulated to create truly unique effects, from simple chases to full stage colour waves, whatever you want is just a button push away. Fly Ins, Can Cans, Rainbows and Iris Pulses can all be programmed simply using the onboard effects. Offsets and rotation settings allow for complex and versatile unique effects to be created and stored as effect palettes.

Control of attributes is achieved by using the ergonomically positioned control wheels. It is even possible to set the sensitivity of these wheels, to customise the user experience. Monitor screens can be adjusted and laid out as required, with optional colour schemes available for low light environments.

Shows recorded with the Solution Series can be easily transferred to any ZerOS console and vice versa. With the option of SMPTE/MIDI/ChilliNet the Solution Series can be used to control architectural or multimedia environments. An offline editor is available allowing users to prepatch shows, edit cues, palettes and submasters or simply check timings.

Solution Series consoles support the many Ethernet protocols including Art-Net, sACN and a powerful remote device system meaning it is possible to use an iOS, Android, Windows Mobile or Windows PC device together with WiFi to control the desks remotely.

Finally the standard Zero 88 fixture library of over 2600 different moving lights is standard inside the Solution Series. Regular updates which can be downloaded from the Zero 88 website ensure that users will always have the correct fixture profiles. Fixture profiles can be edited on the desks allowing users to set home values, top sets or switch pan and tilt attributes at a venue.

*Please contact Zero 88 for the latest manufacturer and model compatibility before purchasing a touchscreen.

Whether you require a solution for simple shows or major professional productions, the Solution Series is flexible and configurable to provide the controls you need when you need them. Designed to be easy to understand, yet adaptable enough to cope with even the largest lighting systems, the Solution Series make controlling your entire system as easy as turning on your house lights.

Simple:

Solution Series provide a simple, clear progression from basic two preset generic control through to moving light and LED control. Hands on control with submasters and channel faders combine with a powerful theatre stack to facilitate any type of show.

- Channel faders for hands on control
- LCDs for clear easy to read information display
- Wizard driven patching to guide you through the process
- Full online help

Flexible:

The flexible front panel with cue stack, submasters and live controls allow the Solution Series to be adapted to multi-purpose venues where the requirements change daily. From simple moving light patching to powerful offset effects, the Solution Series has been designed with flexibility at its core.

- Advanced fixture library with over 2600 fixtures
- Remote applications for wireless control
- Rate control, tap tempo and sound to light chases
- Move on Dark for cue lists

Professional:

Featuring ZerOS 7 software, the Solution Series offer powerful adjustment of complex effects, a tracking cue stack and adjustable user preferences to enable full professional programming options. Advanced palette references, tracking updates and remote tracking backup options mean you can rely on the Solution Series to grow as your requirements do.

- Support for all major visualisation packages
- Ethernet output of DMX
- Remote Device Management (RDM)

COOPER Controls

The Software Solution

ZerOS is the operating software for the Solution and Solution XL (as well as our ORB, ORB XF, Leap Frog 48, Leap Frog 96 and Frog 2 consoles). ZerOS is based upon a Linux operating system and features a window based navigation system which will be familiar to any computer user. Simple controls allow the customisation of the monitor displays, including resizable windows, user selectable colour schemes and advanced visual displays such as Colour Pickers.

ZerOS Remotes

The ZerOS remotes are available for iPhone, iPod Touch, iPad, Android and Windows Mobile devices for total, wireless, control of your Solution Series lighting console over a wireless network.

Manipulate, control, and play back your shows remotely, automatically detecting any ZerOS desk on the same network as your mobile device.

The ZerOS remote is ideal as a remote focus/console unit during fit ups, focus and plotting sessions, and provides quick and simple control of both generic dimmers and moving lights.

Fixture Library

Included with ZerOS is the latest Zero 88 fixture library, which features over 2600 fixture types from 175 manufacturers. This comprehensive library includes details about colours on fixed wheels, gobo images and position information enabling ZerOS consoles to present a unified set of controls, regardless of the fixture being controlled. Tools are also provided to build custom fixture types using a simple PC application.

Phantom ZerOS

Phantom ZerOS is an offline editor for the ZerOS consoles and provides full desk functionality from a standard Windows PC. Show files can be loaded from USB, manipulated using the standard desk controls and then re-saved as required. With the purchase of an unlock dongle, Phantom ZerOS can also be unlocked as a tracking backup solution to the main desk.

Key Features - ZerOS

- Select fixtures via individual channels or groups
- Adjust individual parameters manually via wheels
- Quickly select parameter palettes including Colour, Beam, Position and Effects
- Pan/Tilt control via fullscreen XY grid

- Colour Picker and RGB/CMY/HSV faders
- Select gobos via on screen image picker
- Record and edit cues and submasters, including fade times and delays

- Remote available for iOS, Android and Windows Mobile* devices
- Tracking Backup function from other ZerOS consoles or Phantom ZerOS, offline editor

(* limited features)

Support

After sales support for the Solution Series is extensive with regular training, a dedicated user support forum and regular software updates all ensuring users have the best possible tools to achieve their objectives.

The Zero 88 global community is constantly growing and we have a number of information sites and services to support user needs, wherever they are located.

Website & Forum

Full product information and product downloads can be found on our main website **zero88.com**   Zero 88 also hosts an online forum for all our products within our support centre **support.zero88.com/forum**, where the Solution Series has a dedicated thread within the ZerOS software section.

This is the perfect place to keep up to date with software releases, request new features, enquire about product selection or usage and keep in touch with other users. Users can contribute to our continuous software development through new feature suggestions and our beta test programme.

Social Media

Zero 88 can also be found on Facebook, Twitter and YouTube. These sites are updated regularly with news, training and product usage tips as well as general information on what the Zero 88 team are up to. Visit **facebook.com/zero88** or follow us on Twitter **@Zero88**

Zero 88 has a YouTube Channel which includes product overviews, training and interviews in video format. This is available at **youtube.com/zero88**

Training

We run regular Solution Series training courses at our factory in Cwmbran and at the Phoenix Artist Club in London (below the Phoenix Theatre on Charing Cross Road).

These training days are open to anyone who has recently purchased, or is considering purchasing a Solution Series console, or anyone looking to extend their range of console knowledge. They are free of charge and run from 10am to 4pm with a light lunch included. Places must be booked in advance.

Please contact Jon Hole on +44(0)7734 736690 or e-mail jon.hole@cooperindustries.com to check availability and book your place.

Flexible product training opportunities are also available outside the UK. These courses are usually held at specific venues in conjunction with one of our international dealers. For further information about training in your area please contact Jon Hole.

COOPER Controls

zero®88

Usk House, Lakeside,
Llantarnam Park,
Cwmbran, NP44 3HD. UK

Tel: +44 (0)1633 838088
Fax: +44 (0)1633 867880
Email: enquiries@zero88.com
www.zero88.com

DEALER

Cooper Controls Ltd

International

Usk House, Lakeside,
Llantarnam Park,
Cwmbran, NP44 3HD. UK

Tel: +44 (0)1923 495495
Fax: +44 (0)1633 867880
Email: enquiries@coopercontrols.co.uk

North America

203 Cooper Circle
Peachtree City,
GA 30269. USA

Tel: +1-800-553-3879
Fax: +1-800-954-7016
Email: controls@cooperindustries.com

www.coopercontrol.com

Cooper Industries
600 Travis, Ste. 5800
Houston, TX 77002-1001
P: 713-209-8400
www.cooperindustries.com

COOPER Controls