

### Features

- 2048 Control Channels, fully patchable to 4 DMX Universes. Output via 5 Pin XLR and Ethernet
- Optional upgrade to 4096 control channels (8 universes) available
- 1000 Cue Stacks
- 1000 Cues per Stack
- 2 Playback Master faders
- Go Button playback
- Fully customisable effects engine
- 1000 each of Colour, Beamshape, Position and Effect Palettes
- Integrated colour picker
- 1000 Fixture groups
- Auto palettes, groups and fixture macros
- 1000 User Definable Macros
- RDM Enabled
- 4 Onboard USB ports for software updates, show backups and connection of accessories
- 2 x XGA monitor outputs
- Onboard fixture library
- Move on Dark
- Familiar Command Line interface
- Integrated Trackball for precise moving light control
- Support for remote control through handheld devices and remote monitors
- Tracking Backup over Ethernet
- 10 Playback Masters assignable as Cuestacks or Submasters
- 600 submasters (30 x 20 pages) via DMX In



### Overview

With a combination of theatrical control philosophy and an adaptable hardware platform, the ORB console has been designed to meet the challenges of 21<sup>st</sup> century lighting control. Building on user feedback and based upon the highly successful ZerOS operating system, ORB provides intuitive control of both generic dimmers and moving lights for medium to large theatre applications.

ORB supports upto 8 universes of DMX, multiple playback stacks and is fitted with custom designed encoder wheels for dimmer and fixture control. Utilising a numeric keypad, integrated track ball, automatic palettes and syntax keys, programming on ORB is familiar to both beginners and experienced professionals alike.

Software features include an onscreen colour picker, gobo image display and a sleek, clear user interface placing the latest in lighting control technology at your fingertips.

ORB lets you make dynamic ‘on the fly’ adjustments, provides advanced tracking updates and enables creation of powerful effects.

With 1000 cue stacks of up to 1000 cues and 2 A/B crossfade playback masters, conventional control combines seamlessly with moving light control. A familiar programming interface gives ORB users the flexibility of customising displays and default settings, making each desk truly personal.

\*Monitors not included

RDM WYSIWYG sACN Art-Net MIDI SMPTE USB Monitor iOS™ Android™

#### Quality you can trust

#### 40 Years of Lighting Passion

- |                           |                              |                              |
|---------------------------|------------------------------|------------------------------|
| ✓ 3 years warranty        | ✓ Real people to help you    | ✓ Multilingual training team |
| ✓ On-line training videos | ✓ Downloadable web resources | ✓ Support forum              |
| ✓ Free software upgrades  | ✓ ISO 9001:2008 Certified    |                              |

### Ordering Information

ORB (Desk Only): 00-865-01  
 ORB Flightcase: 00-866-00  
 Phantom ZerOS Tracking  
 Backup Unlock Dongle: 00-887-00  
 8 Universe Console Upgrade: 00-888-00

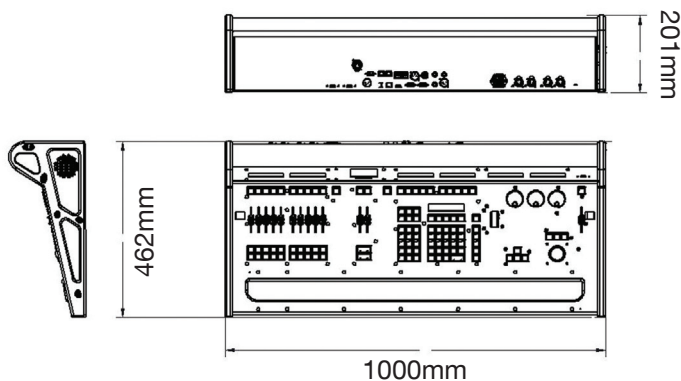
### Supplied Accessories

Mains IEC Lead  
 Operating Manual  
 Dust Cover  
 USB Memory Stick

### Specifications

- Control channels : 2048 (Patchable to any DMX address) Upgradable to 4096
- Playbacks : 10 (Plus 2 Master Faders)
- Submasters : 600 (20 pages of 30, via DMX In)
- Cues : 1000 stacks x 1000 cues (Maximum 10,000 total cues)
- Control Wheels : 4 (3 Panel Mounted Encoders, 1 Control Wheel)
- Trackball : 38mm IP65 Panel Mounted Trackball
- Power supply : Internal switched mode power supply
- Mains inlet : via switched CEE22 connector
- Supply voltage range : 100-240V, 47-63Hz
- 4 x DMX512-A opto isolated outputs via 4 x XLR 5 sockets, over-voltage protected
- ZerOS operating software
- Ethernet support protocols (RJ45 port, 100 Base T): Art-Net & sACN (upto 8 universes)
- RDM Enabled
- LightConverse, Capture & WYSIWYG visualisation support
- iOS, Android and Windows Mobile remote
- Tracking Backup functionality
- DMX Input: 1x DMX512-A
- Sound to Light input : Stereo 1/4" Jack socket. 100mV – 10V
- Monitor Output : 2 x XGA via standard 15 pin D connector
- USB : 4 ports for connection of accessories or for storage
- Data Storage : USB memory stick (included)
- Desk lamp supply : 12V 5W. 1 x XLR 3 pin female. For Littlite® or compatible lamp
- Rear mounted control inputs : SMPTE, MIDI in/thru, CAN (iCAN and ChilliNet), Remote (8-pin DIN) and Line in/out

### Dimensions



Voltage 	100V	<input checked="" type="checkbox"/>	220 - 240V NON CE	<input checked="" type="checkbox"/>	Standards 	
	110 - 127V	<input checked="" type="checkbox"/>	277V	<input type="checkbox"/>		
	230V CE	<input checked="" type="checkbox"/>	347V	<input type="checkbox"/>		

This product conforms to one or more of the above standards. Please contact your local Cooper Controls representative for further information.

### Zero 88

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