



# Zero 88 Dealer Training

## Product Awareness

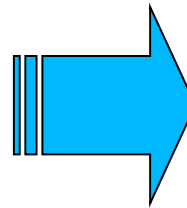
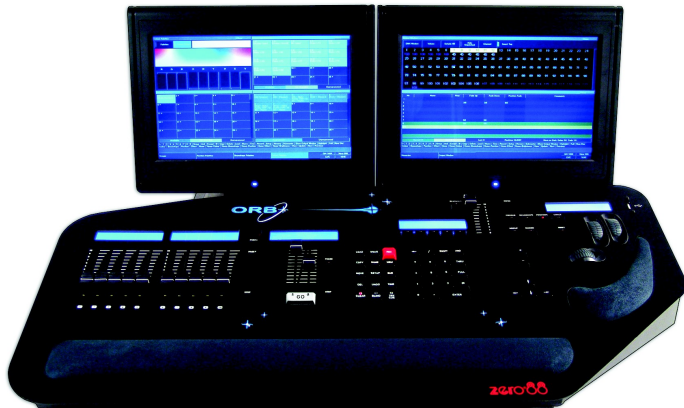


Module 4 – ORB

  
**COOPER** Controls

- The ORB has undergone several design changes over the past six months, following the initial “concept” previewed at ABTT 2008.

# ORB



- The console has been developed using feedback from operators around the globe, paying special attention to the users of competitive products such as the Legacy Strand 300 and 500 series, the Strand Palette series and the “Congo Junior” and “Ion” consoles from ETC. This is reflected in the many features found on these consoles. The ORB provides a richer, more powerful feature set giving the operator the functionality and flexibility to achieve more.

- With the disappearance of an “Industry Standard” theatrical controller, in the form of the Genius Pro based Strand 300 and 500 series, the market has never been as open as it is today.
- Many users and dealers have expressed a desire for choice, with many hardened “Strand” users now looking for an alternative to their control needs.



- ORB gives you;
- A familiar programming interface.
- Based on ZerOS, our core software now 4 years in development
- Value for money
- Latest technology
- Ongoing development
- Excellent back up and support

**ORB** 

- 2048 Control Channels fully patchable to 4 DMX universes – output via 5 pin XLR or Ethernet
- 1000 Cue Stacks, Up to 1000 Cues per stack (2000 Total Cues)
- 2 Playback Master Faders & Go Button
- 600 (30 x 20 Pages) Submasters via DMX In (USB Wing to follow)
- 200 User defined Keys (20 x 10 pages)
- Fully customisable effects engine
- 1000 each of Colour, Beamshapes, Position and Effects Palettes
- Auto Palettes, Groups and fixture Macros
- Integrated Colour Picker
- New Gobo Image Selector
- 1000 Fixture Groups & User Definable Macros
- 4 Onboard USB ports for software updates, show backups and connection of accessories
- Shows cross loadable with Leap Frog & Frog 2 – will also run original Frog series show files and imported ASCII show files! (from Genius Pro consoles)
- 2 XGA monitor outputs
- Move on Dark
- Familiar Command Line interface



**ORB**

vs.

**ETC ION**

- 2048 Channels patched to 4 Universes DMX
- Command line syntax
- 600 Submaster (Via DMX In) Can use Playbacks as subs
- 1000 Playbacks (100 Pages of 10) 2000 Cues max
- 1000 each Colour, Beam, Position & Effects palettes
- 1000 each Group & Macros
- Up to 1000 sequences using Playbacks
- 2 XGA Monitor Outputs (Touchscreen Support)
- Context sensitive onboard help with indexing
- PDA Remote – free software!
- Colour picker
- Can import “Genius” show files via ASCII
- Offline editor

- 10000 Channels patched to up to 4 Universes
- Command line syntax
- Optional Universal Fader Wings
- 999 Cue Lists 10000 Cues
- 1000 each Colour, Beam, Position and effects palettes
- 1000 each Group & Macros
- 1000 Presets (All Palettes)
- 2 DVI/VGA Outputs (Touchscreen support)
- Full onboard manual and help
- Radio remote focus unit
- Colour picker
- Can import “Genius” show files via ASCII
- Offline editor



## ORB

vs.

## ETC Congo Junior

- 2048 Channels patched to 4 Universes DMX
- Command line syntax
- 1000 Playbacks (100 Pages of 10) 2000 Cues max
- 1000 each Colour, Beam, Position & Effects palettes
- 1000 each Group & Macros
- Up to 1000 sequences using Playbacks
- 600 Submaster (Via DMX In) Can use Playbacks as subs
- 2 XGA Monitor Outputs (Touchscreen Support)
- Context sensitive onboard help with indexing
- PDA Remote – free software!
- Colour picker
- Can import “Genius” show files via ASCII

- 3072 Channels patched to 2 Universes (expands to 12)
- Command line syntax
- 40 Master Playbacks (mapped to wings) 9999 Presets
- 999 each Colour, Beam, Position and effects palettes
- 999 each Group & Macros
- 999 Sequences
- Optional Universal Fader Wings
- 2 DVI/VGA Outputs (Touchscreen support)
- Full onboard manual and help
- Radio remote focus unit
- Colour picker
- Can import “Genius” show files via ASCII



## ORB

vs.

## Strand Classic Pallet

- 2048 Channels patched to 4 Universes DMX
- Command line syntax
- 600 Submaster (Via DMX In) Can use Playbacks as submasters
- 1000 Playbacks (100 Pages of 10) 2000 Cues max
- 1000 each Colour, Beam, Position & Effects palettes
- 1000 each Group & Macros
- Up to 1000 sequences using Playbacks
- 2 XGA Monitor Outputs (Touchscreen Support)
- Context sensitive onboard help with indexing
- PDA Remote – free software!
- Colour picker
- Can import “Genius” show files via ASCII
- Fully Tracking

- 150 to 1500 Channels patched to up to 3 Universes DMX
- Command line syntax
- 32 Playback submasters (160 total) and 12 effects playbacks
- 2000 memories per show
- 2 Master Playbacks
- 2000 Groups & 3000 macros
- 600 Effects
- 2 x VGA Monitor Outputs (2<sup>nd</sup> Display Optional)
- Offline Editor
- Wired or wireless remote available
- Colour picker
- Can import “Genius” show files
- Fully Tracking



- The ORB is a powerful, fully featured lighting controller. Its familiar command line interface, together with multiple playbacks, user defined keys and multiple LCD interfaces make it an ideal choice for sophisticated 21<sup>st</sup> century lighting control.



- The ORB is suited to the following venues & applications;
- Theatre
- Television Studios
- Multipurpose Halls (Civic Halls, Arts Centres)
- Houses Of Worship
- Touring
- Exhibitions & Events

## Why buy from Zero 88?

- All products come with a 3 year warranty
- Extensive national and international dealer support network
- Reliable solid products, built on strong foundations
- Free training held monthly at our offices. Training arranged globally on request
- Continuous development cycle, all software updates are available free of charge
- Busy support forums, help you find answers to your questions even when the office is closed
- ISO 9001 accredited company



- **Thank you for completing the ORB product awareness module!**
- **For further information please visit our website**  
[www.zero88.com](http://www.zero88.com)
- **Or Call us at the office on +44 (0) 1633 838088**