

# Lighting Consoles

## ORB XF Performance



### Experience

The design behind the ORB XF is centred upon usability. From day one you'll find the interface familiar, simple and easy to understand. Ergonomic layout of the front panel controls, combined with clear and concise monitor displays, make the ORB XF experience one you'll keep coming back to.

### Performance

Built on the ZerOS platform, users of the ORB XF can sit safe in the knowledge that shows around the world rely on ZerOS every day. Features within the software simplify both the programming and playback of even the most complex shows, whilst dedicated tracking backups and offline editors provide the ultimate piece of mind for mission critical productions.

### Flexibility

Targeting flexibility as the number one design aim, the ORB XF has achieved a truly user configurable operating experience. Create your own monitor displays, layout your front panel controls as you require and define the behaviours that suit your show - the choice really is up to you.

### Support For

- 4096 Control Channels, fully patchable via either 4 x 5 Pin XLR connectors or Ethernet (sACN or Art-Net)
- Remote Device Management (RDM)
- Thousands of fixtures through the onboard fixture library, updated regularly
- iOS® and Android devices through dedicated applications
- Tracking Backup and popular visualisers over Ethernet
- 2 x XGA monitors, and support for Touch Screen displays
- Software updates, show backups and connection of accessories via the 4 Onboard USB ports
- Midi Notes, Midi Timecode and Midi Show Control (MSC).
- SMPTE, Sound to Light, Remote inputs, DMX In and CAN



### Touchscreen Support

Up to two external touchscreen monitors can be added via USB to allow for instant hands on selection of palletes, groups and settings to speed up operation.



### Command Syntax

Follow designated Syntax Keys for additional functions such as Park, Knockout and Time Triggers. A user assignable 'spare' key puts your favourite command at your fingertips.



### Control Wheels

The ORB XF features three integral encoders for efficient moving light and LED control, a dedicated control wheel for adjusting intensities and a trackball with built in cursor and pan/tilt adjustment.



### Networking

Full networking capability, including sACN and Art-Net, support for popular visualisers, wireless mobile apps (iOS and Android), Tracking Backup and Ethernet Wings.

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## Lighting Systems



# ORB XF

Ultimate lighting console for power and flexibility





# Lighting Consoles

## ORB XF Features



With a combination of theatrical control philosophy and flexible hardware platform, the ORB XF provides intuitive control of both generic dimmers and moving lights - designed with simplicity and familiarity in mind, the ORB XF offers a control surface that will feel familiar to experienced lighting operators whilst being quick to learn for those starting afresh. Used in Theatres, Art Centres, Education, Live Performances and a wide variety of applications and venues worldwide.

### ZerOS Operating Software

ZerOS offers 8 universes of control, with a clean, simple user interface and advanced features including a colour picker, moving light library, gobo images, part cues and touch screen support.



### Multi Function Faders

Get hands on. The 60 multifunction faders can be assigned as channel faders (to control all 4096 channels), or playbacks with go buttons.



### User Definable Keys

Instant access to what you use most. The 10 User Definable Keys can be assigned as Channels, Groups, Palettes, Macros, Scenes or Views, across 20 pages, for the ultimate flexibility and control.



### ORB XF

The ORB XF supports 4096 control channels, 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 the ORB XF is familiar to both beginners and experienced professionals. Further software features include onscreen colour pickers, gobo image display, and a sleek clear user interface, which brings the latest in lighting control technology to your fingertips.

### Key Features

- Familiar Command Line interface
- 60 Multi-Functional Faders and 10 User-Definable Keys
- 1001 Playbacks, with up to 10000 Cues
- Master Playback with 2 Playback faders and Go Button playback
- Tracking and Move on Dark settings available on each Playback
- Automatic creation of palettes, groups and fixture macros
- Fully customisable effects engine
- Colour picker, colour filter library, pan / tilt grid and gobo images
- Integrated trackball and encoder wheels for precise fixture control
- 1000 each of Colour, Beamshape, Position and Effect Palettes
- 1000 Groups and 1000 User Definable Macros
- Dimensions: 150 (H) x 1000 (W) x 429mm (D)
- Weight: 17Kg / 37.4lb

## ZerOS Operating Software

ZerOS is the operating software for the ORB XF. Simple controls allow the customisation of the monitor displays, including resizable windows, user selectable colour schemes and advanced visual displays such as Colour Pickers.



### Remote Apps & Offline Editor

The free "ZerOS Remote" and "ZerOS Monitor" apps, available for iOS® or Android devices, are ideal as a remote focus/console unit during fit ups, focus and plotting sessions. The apps provide quick and simple control of both generic dimmers and moving lights, allowing you to manipulate, control, and play back your shows remotely.

"Phantom ZerOS" is the offline editor, 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.

### Showfile Saved, and Backed up

The internal Non-Volatile RAM continuously saves your show, meaning you'll never lose any data in the event of a power outage.

For additional security, ZerOS can be connected to an SCD Server (sold separately) to provide a full tracking backup that will automatically take over if your console goes offline. With the purchase of an unlock dongle, Phantom ZerOS can be unlocked as also used as a tracking backup solution to the main desk.

### Thousands of fixtures. Regularly updated

Included with ZerOS is the latest Zero 88 fixture library, which features thousands of fixture types from a comprehensive list of manufacturers. This extensive 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.



### Key Features

- 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/submasters, including fade times/delays
- RDM Support for patching, configuring and monitoring compatible devices
- Remote available for iOS® and Android devices
- Tracking Backup function from another ORB XF, an SCD Server Pro or Phantom ZerOS offline editor



## ORB XF Support



### Support

After sales support for the ORB XF 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

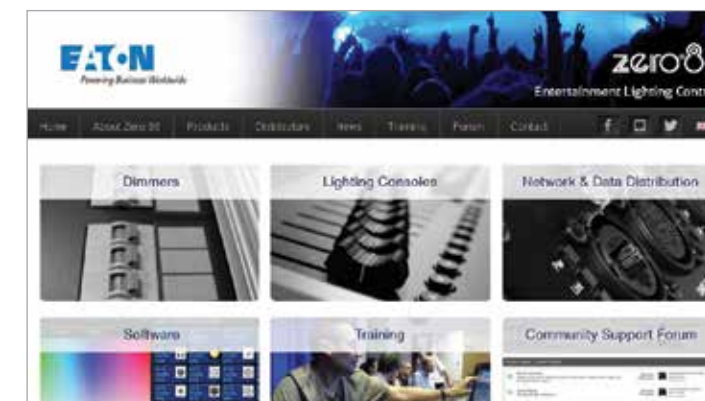
Full product information and product downloads can be found on our main website [zero88.com](http://zero88.com). Zero 88 also hosts an online forum for all our products at [zero88.com/forum](http://zero88.com/forum), where the ORB XF consoles have a dedicated thread.

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](http://facebook.com/zero88) or follow us on Twitter [@Zero88](https://twitter.com/Zero88)

Zero 88 has a YouTube Channel which includes product overviews, training and interviews. This is available at [youtube.com/zero88](http://youtube.com/zero88)



We run regular free ORB XF training courses at our factory in Cwmbran, South Wales and at the Landor Theatre in Clapham, London.

These training days are open to anyone who has recently purchased, or is considering purchasing an ORB XF, 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 go to [zero88.com/training](http://zero88.com/training) to book your place.

We offer additional tailored onsite training on request. These sessions are available for a nominal charge and are held on location at the users' premises.

Zero 88 Dealers and distributors regularly hold Training Events and Exhibitions throughout the UK.

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 information about training in your area please contact your local Sales Representative or local Zero 88 Distributor.

