

Technical Information



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FLX & ZerOS Server

Mains Inlet

FLX & ZerOS Server are fitted with a Neutrik PowerCON TRUE1 (NAC3MPX) mains inlet on the back panel, and power on/off switch.

The internal fuse is not user replaceable, contact an authorized service agent if the desk does not power up and you suspect that the fuse has failed. When using a UK style plug (BS 1363), a 5A fuse should be fitted.

100 - 240V AC; MAX 1A 50 - 60Hz, 60W INTERNALLY FUSED. A GOOD EARTH CONNECTION IS ESSENTIAL.

USB ports

Five external USB ports are fitted on the FLX. Two located on the rear of the console, one on the front panel, and one on either side. Three external USB ports are fitted to ZerOS Server. Two located on the rear of the server and one on the front. These support the USB 2.0 standard, and are "overload protected" in pairs. If a USB device tries drawing too much power, ZerOS will disable that pair or ports until the device is unplugged.

USB ports can be used for:

- Wings
- Keyboard & Mouse
- External Touchscreen (DVI-D also required)
- External Storage Devices (such as Memory Sticks)
- USB Desk Lights

Zero 88 cannot be responsible for damage caused to FLX by plugging in devices which break the Universal Serial Bus standard.

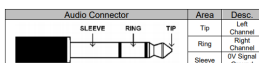
Ethernet

FLX & ZerOS Server is fitted with a Neutrik etherCON RJ45 Ethernet port and is capable of supporting various Ethernet protocols.



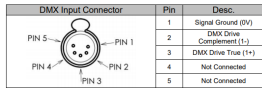
Kensington Lock

A Kensington-style lock slot is provided on FLX & ZerOS Server for securing the console to an operating location, using a standard laptop lock cable.



Sound to Light

A stereo 1/4" jack socket provides basic Sound to Light functionality. Left and right channels are mixed internally.



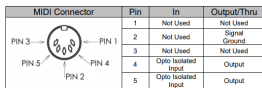
DMX output

Two female Neutrik 5 pin XLR, isolated, with voltage protection and data output indicator. Data on channels 1 – 512 only. RDM support included.



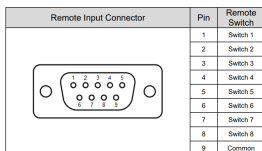
Video output

1 x DVI-I connector, but DVI-D output only.



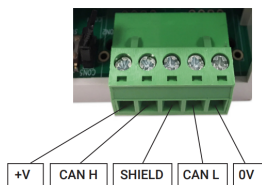
MIDI

2 x 5 pin DIN connectors providing MIDI input and MIDI thru.



Remote input

A 9 pin D-sub connector providing 8 remote switches (common ground). Short pin 1-8 to pin 9 (common) to simulate a button push.



CAN

A phoenix connector is provided to connect to the CAN network.

FLX S24 & FLX S48

Power supply

FLX S is supplied with an external power supply, which is connected to FLX S via a 2.1mm DC barrel connector (center positive).

12V DC; MAX 1.25A, 15W

The approved Zero 88 power supply included with FLX S should always be used. This power supply should be earthed. Spares / replacements can be ordered. [For more information click here.](#)

USB ports

Two USB 2.0 ports are provided - one on the rear, one on the front panel. USB ports can be used for:

- Keyboard & Mouse (mouse on external monitor only)
- Touchscreen (DVI-D also required, FLX S48 only)
- External Storage Devices (such as Memory Sticks)

Zero 88 cannot be responsible for damage caused to FLX S by plugging in devices which break the Universal Serial Bus standard.

Ethernet

An Ethernet port (RJ45) is provided for connecting Apps to FLX S over WiFi, or connecting FLX S to Ethernet based lighting rigs. The Ethernet connection is designed to be used within a dedicated, local lighting network.

DMX output

Two female Neutrik XLR are provided. 1 x 5 pin connector, and 1 x 3pin connector. These both output Universe 1, unless the FLX S console has been upgraded to 2 universes.



Kensington Lock

A Kensington-style lock slot is provided on FLX S for securing the console to an operating location, using a standard laptop lock cable.



Video output

1 x DVI-D connector, on FLX S48 only.