

Z1 / Z4

POWER SUPPLIES / DMX LED CONTROLLERS



Overview

Z1 and Z4 are power supply / DMX LED controllers designed to control the following D.T.S. LED products:

- FOCUS LED projectors
- HELIOS LED projectors
- TITAN LED projectors
- MR16 LED lamps
- FOS 100 / FOS 33 LED bars (with RJ12 – M12 adaptor)

Systems

Z1 is fitted with 3 output channels; max power of each channel is 25W.

Each Z1 can control a set-up of D.T.S. LED products, such as:

Max 15 x MR16 RGB LED lamps / Max 5 x MR16 Full Color LED lamps / Max 15 x FOCUS RGB LED projectors / Max 5 x FOCUS Full Color LED projectors / 1 x HELIOS Full Color LED projector.

Z4 is fitted with 4 sets of 3 output channels each; max power of each channel is 25W.

Z4 can supply and control up to 4 independent set-ups of D.T.S. LED products at the same time

Boost

Boost function, selectable by user, let you increase by 30% the power of connected LEDs.

Emergency function

By setting the emergency mode, it will be possible to select one of the 16 preprogrammed WHITE cues that will automatically run if DMX signal is missing or not available.

This function is very useful for automatically lighting defined areas in commercial or public spaces, such as emergency exits.

Interface

Z1 and Z4 are fitted with LED interfaces that lets you enter all functions of the internal menu.

DMX

Z1 and Z4 have two DMX modes: 9-channel mode (default) or 5-channel mode (user selectable).

Operating system update

Z1 and Z4 internal operating system can be updated via computer, through the dedicated D.T.S. interface.

Control

Z1 and Z4 can be controlled by any DMX console.

Moreover, Z1 and Z4 can be used in Master or Slave mode (max 32 Slave units for each Master Z1; max 32 slaves x 4 for each Z4). The dedicated IR remote control (optional) lets you remotely enter all Z1 and Z4 functions.



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● **Z1 / Z4 POWER SUPPLY / DMX LED CONTROLLERS**



Z1



Z4



Z1 OUTDOOR (IP65)

Internal memory

Z1 internal memory contains:

- 16 pre-programmed Color Macros
- 16 pre-programmed White Macros (whites with different color temperatures)
- 1 Demo (rainbow)
- 1 Color Macro (user editable)
- 1 Chase (user editable)

The Chase includes 16 steps made of various combinations of colors, shutter, strobo, etc.

Z4 internal memory: same features for each module (total 4 modules).

Power supply

Z1 / Z4 have a full-range AC 90-260 V, 50-60 Hz power supply.

Construction

Z1 and Z4 are housed in sturdy metal cases, that offers high resistance to knocks and mechanical stress. Their bodies are covered with a coat of epoxy paint.

Z4 is rack mountable; Z1 is rack-mountable with an optional adapter.

The protection rating against external agents is IP20 (Z1 / Z4).

Z1 is also available as Z1 OUTDOOR, a model featuring an IP65 protection rate, against penetration by solid bodies and liquids.

Connections

DMX In / DMX Out connectors: 2 XLR 5-pole (Z1); 2 XLR 3-pole and 2 XLR 5-pole (Z4) by Neutrik

RGB Out: RJ12 6-pin female connector (Z1 / Z4); M12 IP68 connector (Z1 OUTDOOR)

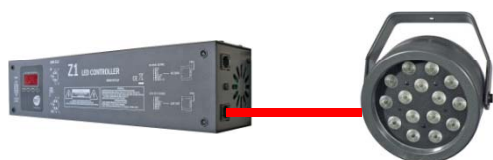
IR sensor In: RJ12 6-pin female connector.

Maximum distance between the Z1 / Z4 and the last LED unit in the line is 100 meters.

SET-UP EXAMPLES



1 x Z1
MAX 5 x FOCUS FULL COLOR



● 1 x Z1
● 1 x HELIOS FULL COLOR



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