

The Touchlight 12 is a twelve way touch sensitive lighting controller with 'Flash', 'Latch', and chase facilities.

FACILITIES

Flash: Touching any one of the flash pads will turn that output on, removing the finger will turn it off.

Latch: Touching any one of the latch pads will turn that channel on until it is turned off by either touching the corresponding flash pad or by touching Clear Output.

Clear Output: Touching this pad will turn off any channels that have been latched on using the latch pads.

Output: These 12 lights show the state of all outputs.

Random Chase: The Touchlight 12 contains a Random Chase facility which is switched on by turning the Speed knob clockwise. The chase will be synchronised to the bass beat of the music when an audio signal is present. The audio feed is via a Jack Socket at the rear of the unit.

Special Features:

Channels 9 to 12 may be disconnected from the Random Chase by setting any or all of the switches at the rear of the unit to 'Off'.

INSTALLATION

The Touchlight 12 has been designed as an integral part of the Zero 88 Mercury system. Each controller in the system uses dioded outputs which may be 'mixed' with the output from any other (eg a fader panel or effects controller).

This enables, for example, a Mercury and a Touchlight 12 output to be connected together simply by wiring both into the same pack input. The highest signal will prevail, so when 'on', the Touchlight 12 will override the Mercury output.

To connect other non Mercury system controls to the system, connect each output via a small diode (eg 1N4148) to the Mercury system.

The outputs from a Touchlight 12 will drive up to 20 Zero 88 Sigma or Delta channel inputs, or up to 10 Sigma or Delta inhibit inputs.

Each Touchlight 12 channel has a 0 to +10v output and may be used with any power pack requiring this signal. Note, however, that some packs have very low impedance inputs which may prevent the Touchlight driving more than one channel or zone per output channel.

SPECIFICATION

No. of channels: 12 ALL ARE SHORT CIRCUIT PROTECTED

Output Voltages: 0v (OFF) to +10v (ON); There is a 2Kohm minimum load.

Random Chase: 8 to 12 channels (ch 9 to 12 may be switched out of the chase)

Audio Input: 50mV to 10v Stereo, unbalanced, 22k Ohm input impedance via 0.25inch stereo jack socket

Power Requirements: +18v to +24v dc (+20v nominal) at 50mA max (outputs not loaded). Power is normally supplied from the Sigma and/or Delta power packs. Zero 88 Power Supply, Product No 236 (UK 13A), or 231 (EU 16A Schuko) may be used to provide external power if necessary.

Output Connector: 25 pin 'D' type male (plug)

Output Connections: Pin 1 is channel 1, pin 2 channel 2, up to pin 12 channel 12.
Pins 13 to 23 are not used.
Pin 24 is for the +20v supply
Pin 25 is 0v

Weight Kg Nett Kg Packed

Dimensions:

Front Panel Cutout: 425mm x 120mm (16.75inches x 4.75inches)
Depth: 90mm (3.5inches)

NOTE:

For 'D' connectors add 75mm (3.0inches)

For Splitter Boards:

146, 'D' to terminals add 60mm (2.25inches)

147, 'D' to DINs add 105mm (4.25inches) including DIN connectors

SPLITTERS

Two Splitter printed circuit boards are available to make wiring the unit quick and easy.

Product No 146, 25 way Splitter - 'D' to terminals is a printed circuit board which has a 25 way 'D' connector (to fit the Touchlight 12 or a 25 way 'D' cable) and a set of terminal blocks.

Product No 147, 25 way Splitter - 'D' to three DIN sockets. For use where DIN connectors are preferred.

POWER SUPPLIES

Power for the Touchlight 12 is normally supplied from the Sigma and/or Delta power packs. A Zero 88 Power Supply, Product No 236 (UK 13A) or 231 (EU 16A Schuko), may be used to provide external power if necessary.

Each of the Splitters has a pair of terminals marked + and - for connecting a Power Supply. Note that on these Power Supplies, the wire with the coloured trace is +ve.

Zero 88 has a policy of constant product update and therefore reserves the right to change specifications without notice.

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