DOUG FLEENOR DESIGN

Preset Eight Architectural

model: PRE8-A
technical data sheet

Preset 8 is a lighting control station that stores eight preset looks. Each look, or scene, has an associated slider that adjusts the intensity of that look. The looks are recorded into Preset 8 by capturing the output of any DMX512 console. The user or installer creates a look using their DMX512 console of choice, then presses the recessed record button on Preset 8, followed by moving the slider to be recorded. Often, presets are recorded only once, at the time of installation. Presets may, however, be re-recorded up to 100,000 times.

Preset 8 systems may consist of single or multiple stations. Systems with multiple stations utilize a Main/Remote concept; looks are recorded into the main station but the remote station(s) can adjust the intensity of these looks. Control of each preset is determined by whichever slider was moved most recently. For example: if slider 1 was moved on one station, it would have control until slider 1 was moved on a different station. To prevent sudden level changes, a Match-and-Grab technique is used: a slider does not take over control until its level *matches* the current level.

Preset 8 can operate alone or in conjunction with another console. When operated with another console, Preset 8 can either “back-off” when the other console is on line, or merge its levels with those of the other console using a “highest-takes-precedence” approach. Back-off or merge mode is jumper selected at time of installation.

Preset 8's solid aluminum faceplate is designed to fit a North American three gang electrical box. Connections to Preset 8 are power (2 wires) and DMX512 (3 wires). Power for Preset 8 can be supplied from a variety of sources, including a 10V class 2 "doorbell" transformer. A second DMX512 connection (3 wires) is provided for use in DMX-Merge applications.

Preset 8's sliders feature recessed actuators to prevent physical damage.

SPECIFICATIONS:

Primary Connector:	Phoenix Contact MSTB series 5 position two part terminal block Model: MSTB 2,5/5-ST-5,08 Order Number: 17 57 04 8
Secondary Connector:	Phoenix Contact MSTB series 3 position two part terminal block Model: MSTB 2,5/3-ST-5,08 Order Number: 17 57 02 2
Connector pin outs:	1: DMX512 common, 2: DMX512 data -, 3: DMX512 data +, 4: Supply common (tied to pin1), 5: Supply “hot”
Input/Output circuits:	ESD protected EIA-485 transceiver (LT1785)
Indicators:	One red signal LED (Also indicates “locked-out” when in back-off mode)
User controls:	Eight 45mm sliders. Sliders are recessed in machined finger guides to prevent damage. One recessed record push button
Option jumpers:	Master / Remote selection Back-off / Merge selection
Power input:	10 to 24 volts AC or DC, 100mA per station (A 10 volt class 2 “doorbell” transformer is recommended for fixed installations)
Color:	Black anodized with no nomenclature. Custom nomenclature available on request.
Size:	Faceplate: 4.5"H × 0.2”D × 6.5"W, depth behind faceplate: 2.5", overall depth: 2.7"

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Limited Manufacturer's Warranty

Products manufactured by Doug Fleenor Design (DFD) carry a five-year parts and labor warranty against manufacturing defects. It is the customer's responsibility to return the product to DFD at the customer's expense. If covered under warranty, DFD will repair the unit and pay for return ground shipping. If a trip is necessary to the customer's site to solve a problem, the expenses of the trip must be paid by the customer.

This warranty covers manufacturing defects. It does not cover damage due to abuse, misuse, negligence, accident, alteration, or repair by other than by Doug Fleenor Design.

Most non-warranty repairs are made for a fixed $50.00 fee, plus shipping.

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