

Preset-12 User Guide

(Version 1.2)

The Preset-12 is a two preset, twelve channel lighting desk, which outputs data using the DMX512 (1990) protocol.



Specification:

Input Voltage:	9V DC
Current:	25mA
Width:	250mm
Length:	280mm
Weight:	2.1Kg
Height:	60mm (including faders)
Listings:	CE, FCC
Data Connector:	5pin XLR (female)
Power Connector:	5.5mm DC Jack

Power Supply Options: (included)

PSU-9-1.5-DCJ	
Output:	9V 1.5A
Input:	Auto-sensing
Connector:	5.5mm DC Jack
Listing:	CE / FCC / UL / PSE

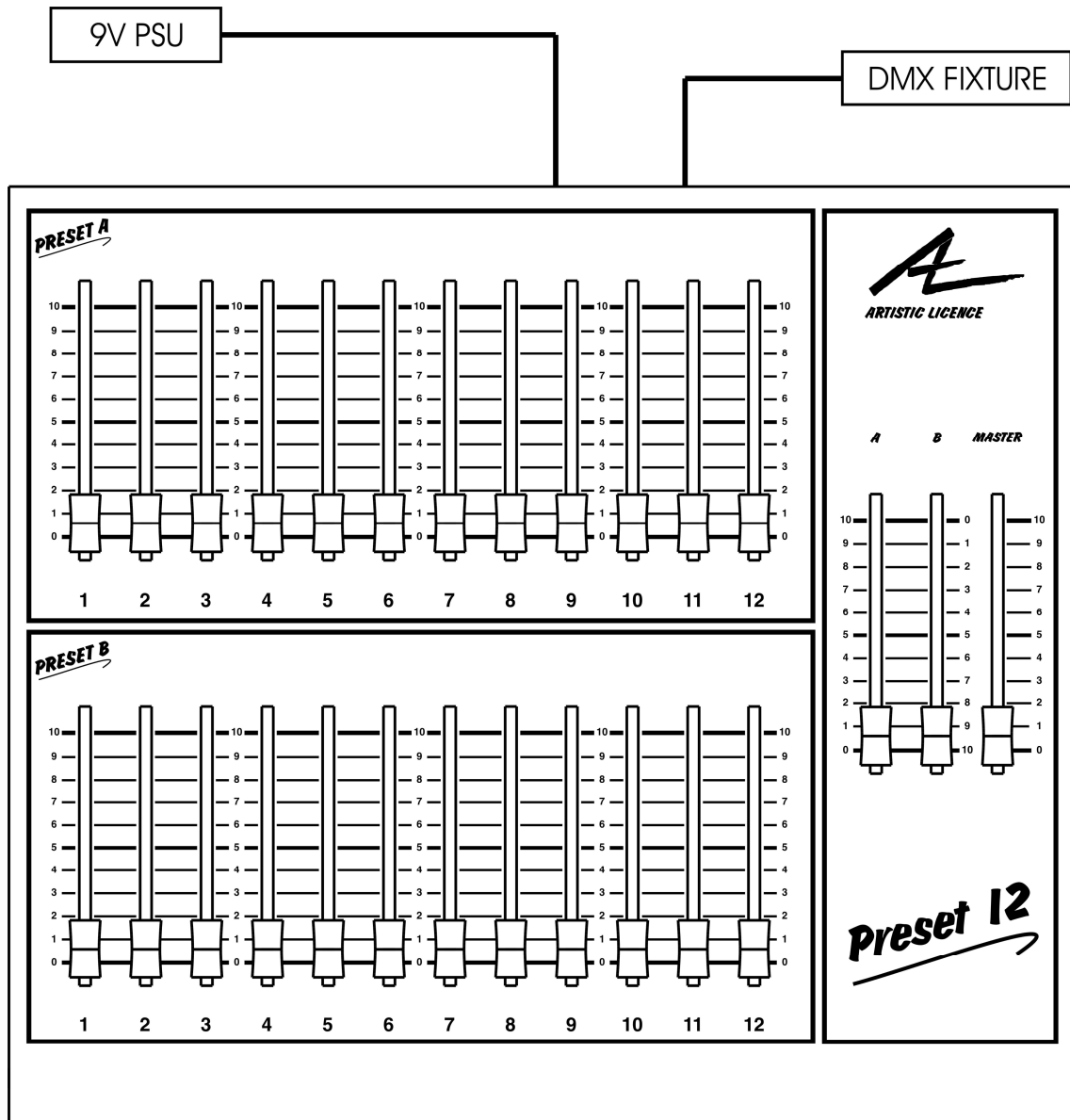
Description:

The two presets allow the creation of two output settings on two different banks of faders, Preset A and Preset B. Either or both presets may output from the desk with the highest value of each channel taking precedence. The output level of each preset is determined by the two master faders labelled A and B. The B master fader is reversed such that both master faders may be moved together to crossfade between the presets. The fader labelled Master controls the overall output of the desk.


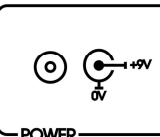


The Preset-12 may also be used as a single preset twenty-four channel lighting desk. Preset A is output to DMX channels 13 to 24 and Preset B is output to DMX channels 25 to 36. The Master fader determines the output level of DMX channels 13 to 36.

The Preset-12 is powered by an external 9VDC power supply. The power input may be connected to either the 5.5mm jack socket or to pins 4 and 5 of the DMX512 connector.

Wiring Diagram:



Rear Connections:

 <p>DMX512</p>	 <p>POWER</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CHANNEL</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr> <td>1 - 12</td> <td>Preset A + Preset B</td> </tr> <tr> <td>13 - 24</td> <td>Preset A</td> </tr> <tr> <td>25 - 36</td> <td>Preset B</td> </tr> <tr> <td>37</td> <td>Firmware Revision</td> </tr> </tbody> </table> <p>OUTPUT</p>	CHANNEL	FUNCTION	1 - 12	Preset A + Preset B	13 - 24	Preset A	25 - 36	Preset B	37	Firmware Revision	 <p>Designed and Manufactured in England by <i>Artistic Licence (UK) Ltd</i></p> 
CHANNEL	FUNCTION												
1 - 12	Preset A + Preset B												
13 - 24	Preset A												
25 - 36	Preset B												
37	Firmware Revision												

DMX512 Connector:

XLR PIN	FUNCTION
Pin 1	Data Ground
Pin 2	Data -
Pin 3	Data +
Pin 4	Power Input Ground
Pin 5	Power Input 9VDC

Power Connector:

CONNECTION	FUNCTION
Centre	Power Input 9VDC
Ring	Power Ground

DMX Channel Assignment:

PRESET A FADER	DMX CHANNEL	DMX CHANNEL
	(Preset A & Master)	(Master Only)
Fader 1	1	13
Fader 2	2	14
Fader 3	3	15
Fader 4	4	16
Fader 5	5	17
Fader 6	6	18
Fader 7	7	19
Fader 8	8	20
Fader 9	9	21
Fader 10	10	22
Fader 11	11	23
Fader 12	12	24

PRESET B FADER	DMX CHANNEL	DMX CHANNEL
	(Preset B & Master)	(Master Only)
Fader 1	1	25
Fader 2	2	26
Fader 3	3	27
Fader 4	4	28
Fader 5	5	29
Fader 6	6	30
Fader 7	7	31
Fader 8	8	32
Fader 9	9	33
Fader 10	10	34
Fader 11	11	35
Fader 12	12	36
Firmware Revision		37

Related Products:

- ❑ Preset-6 - A small DMX512 output six channel lighting desk with no frills!
- ❑ Light-Switch - A wall panel mounting lighting controller, capable of controlling all 512 channels at the touch of a button. Features include; infrared remote, slave panels, multi-zone programming, sequences, Grand-Master control and fade between memories.
- ❑ Dimmer-Switch - A 'fader operated' wall panel mounting lighting controller. Six faders control either memories or sequences. Features include; live DMX input, Grand-Master control, multi-sequence running and LED faders.
- ❑ Show-Control - A compact DMX512 controller. Operating on either battery or mains power, Show-Control is perfect for small DMX installations. Features include; external trigger, 60-channel control, auto-start up, access lock, manual or PC software programming and battery back-up.
- ❑ Colour-Tramp - A lighting control system specifically designed to handle the complexity of two and three-dimensional lighting system consisting of RGB fixtures. Features include; layout wizards, visual patch, live video, import picture and video files, export to Light-Switch etc.
- ❑ Four-Play - The ultimate DMX512 and Art-Net record replay product. Four-Play will record up to four universes simultaneously and then allow various triggers to replay them. Triggers include; time, DMX, Art-Net, external triggers, front-panel buttons. Other features include; file back up over Art-Net, multi-unit time syncing, VGA output and Art-Net to DMX conversion.

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