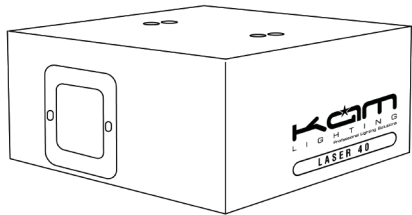
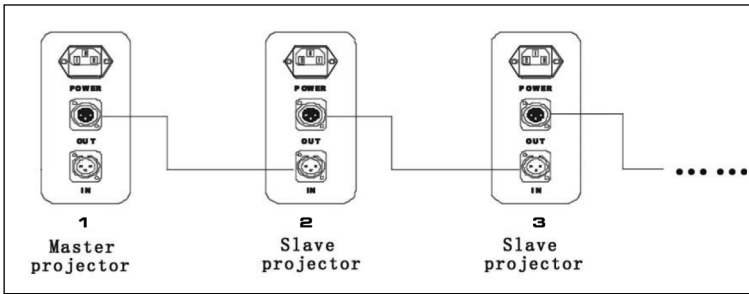


Notice: 1. When running in master slave mode you can not use a dmX controller to control the lasers, this is a stand alone setting only

Master & slave connection details as below:



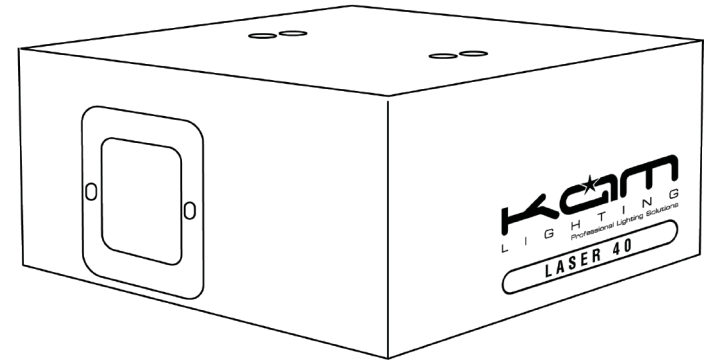
KAM
L I G H T I N G

DMX LASER 40

KAM
L I G H T I N G

DMX LASER 40

instruction manual



www.kam.co.uk

Due to continuous product development, specifications and appearance are subject to change. E&O E.

INTRODUCTION

Thank you for purchasing the KAM LASER 40 To optimize the performance of this product, prior to use, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. The KAM LASER 40 has the KAM funky design and is an amazing Laser effect. Please keep these user instructions in safe place for future reference. This unit has been Tested at the factory before being shipped to you. There is no Assembly required.

WARNING!

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to high Temperature / rain or moisture.

Laser Class 3B product. National Regulations must be adhered to at all steps of installation.

(In Germany apply DIN 56912 and BGVR LASER note: additional Regulations may apply).

Unintended reflections of the laser beam from reflective or metallic surfaces can be dangerous.

This appliance is to be used by Qualified personnel only.

Laser Radiation Warning

This unit uses diode lasers in green . This is CLASS 3B laser product.

Avoid exposure to eyes. Never open the laser diode box, please refer unit to a qualified engineer for servicing or repairs

UNPACKING

Please unpack your new laser effect carefully, checking that all the contents is present and that no damage to the unit has occurred in transit

If the unit is damaged in anyway, DO NOT operate the laser, contact your retailer where the unit was purchased from immediately

CONTENTS

- 1 x laser unit
- 1 x user manual
- 2x keys

MODES OF OPERATION

KAM LASER 40 has 4 DMX-512 channels and 4 control modes: DMX-512, sound activated, automatic, master and slave.

Technical Parameters:

Rated voltage: AC 220/240v
Rated frequency: 50HZ~60HZ
Power consumption: 40w
Laser power: 30-60mw/
Laser wavelength: 532nm
Laser source: full solid semiconductor laser generator
Colour: emerald green

This The KAM LASER 40 laser is controlled binary dmx dip switch settings and is used for choosing laser mode and dmx address code. 10 is the DMX-512 signal control _sound active and automatic control. Details as following:

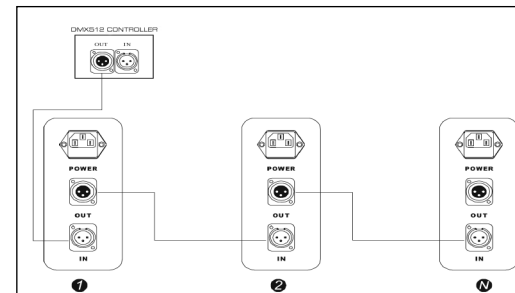
MODE	Control switch (ON)
1 DMX-512 signal control mode	10: ON
2 Single projector controlled by sound	1:ON
3 Single projector auto control mode	1-10:OFF
4 Master projector controlled by sound	1:ON
5 Master projector automatic control mode	1-10:OFF
6 Slave projector control mode	2:ON

Channel	DMX-512 numerical value 0 255	Controlling function
CH1	Control mode	0~63 for laser source switch on/off
		64~127 DMX control:25pcs laser effect control
		128~191 Automatic run under the DMX-512 signal control mode
CH2	Laser effects show selection	192~255 Sound active run under the DMX-512 signal control mode
		0 9 Patterns testing (square)
CH3	Patterns strobe effect	10-255 25pcs patterns effect selection
CH4	Patterns movement	11~255 Adjustment of patterns strobe effect speed
		25~255 Adjustment of patterns moving speed

DMX cable wiring

The dmx signal is via male / female xlr Wiring for these are

- Pin 1 Ground,
- Pin 2 Positive
- Pin 3 Negative



If your DMX-512 signal controller adopt 5 pins XLR plug, you need one transfer line from 1 pin to 5 pins, the transfer method as following:

When controlling several lasers via dmx each unit must have its own dmx address set unit 1 to number one using binary settings on the dip switches, set unit 2 to number 5 on the dip switches unit 3 to number 9 and so on. each laser unit uses 4 dmx channels The details of DMX-512 signal control mode address switch as follows

Light No.	Start address	Control switch ON
1	1	1
2	5	1+3
3	9	1+4
4	13	1+3+4
5	17	1+5
6	21	1+3+5
7	25	1+4+5
8	29	1+3+4+5
9	33	1+6
10	37	1+3+6

