Kam

INSTRUCTION MANUAL

LED Disco Dome DMX
Tri colour LED DMX lighting effect

M A N U A L   V E R S I O N   1 . 0
1 3 . 0 7 . 1 0

Classic rotating disc effect made even better with modern LED technology
Produces 34 crisp, bright tri colour beams from one 9w LED source
Control of colour, strobe, clockwise or anti-clockwise rotation and rotation speed
DMX512 compatible
3 channel DMX operation
No fan due to cool running
LED function display
Sound-to-Light and auto modes
Built-in programs

For the latest instruction manual updates and information on the entire Kam range visit:

www.kam.co.uk

Thank you for purchasing this KAM product, we are sure that it will serve you for many years to come.

To optimise the performance of this product, please read these operating instructions carefully to familiarise yourself with the basic operations of this unit. After you have read the instructions, please retain them for future reference.

This unit has been tested at the factory before being shipped to you.

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture. To prevent a fire hazard, do not expose the unit to any naked flame sources. Unplug this apparatus during lightning storms or if it is unlikely to be used for long periods of time.

When installing the unit, please ensure you leave enough space around the unit for ventilation. Slots and openings in the unit are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered.

Always handle the power cable by the plug. Never pull out the plug by pulling on the cable. Never touch the power cable when your hands are wet as this could cause an electric shock. Do not tie a knot in the cable. The power cable should be placed such that it is not likely to be stepped on. A damaged power cable can cause a fire or give you an electrical shock. Check the power cord periodicaly, if you ever find that it is damaged, replace it before using the unit again. Contact your retailer for a replacement.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit is to be used meets the required written on the unit.

The lightning flash symbol inside a triangle is intended to alert the user to the presence high voltage within the unit's enclosure that may be of sufficient power to constitute a risk of electrical shock to persons.

Caution: to prevent the risk of electric shock, do not attempt to open the unit. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

The exclamation mark inside a triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Any modification carried out on the unit may invalidate the unit's warranty.

If applicable, only use the stand, tripod or bracket specified or sold with the apparatus.

Select the installation location of your unit carefully. Avoid placing it in direct sunlight or locations subject to vibration and excessive dust. Do not use the unit where there are extremes in temperature (below 41ºF / 5ºC or exceeding 95ºF / 35ºC).

Unpacking and safety: Please unpack your new product carefully, your new product should reach you in perfect condition. Please check that no damage has occurred during transit. If any damage is found, do not operate your unit. Please contact the retailer you purchased it from immediately. If there is any damage to the mains cable do not use the device. Always disconnect the unit from the mains supply when carrying out any servicing or cleaning of the unit.

The serial number for this equipment should be located on the rear or underside of the unit. Please make a note of this number as you will need it for your warranty, it is a good idea to keep a copy of the serial number for your own records.

OPERATION

Using in standalone mode
To set the disco dome to stand alone mode by pressing the menu button until nan is displayed.
Press the enter button.
Use the up/down buttons to select off. Press enter to confirm.
Note: in this mode it can be automatic or sound

To select either mode
Press the menu button until soun is displayed. Press the enter button.
Use the up/down buttons to select choice.
On = sound activated.
Off = automatic.
Press enter to confirm choice.

Manual colour mode
In manual mode you can select which colours will be shown.
Press the menu button until nan is displayed. Press enter.
Use the up/down buttons to select on. Press enter to confirm.
Press the menu button to select colour required. Press enter.
Use up/down buttons to select colour on or off. Press enter to confirm.
Repeat these steps as required.
Single or mixed colours can be chosen.

Mounting
The disco dome can be table or ceiling mounted.
There is an option to change the orientaion of the display when either table or ceiling mounted, therefore making the LED display easy to read.
Press the menu button until Disp is displayed. Press the enter button.
Use the up/down buttons to change the orientaion of the display. Press enter to confirm.

Display
The LED display can be switched on or off.
The LED display is either on permanatley or off if no controls are touched after one minute.

To set display
Press the menu button until LED is displayed. Press the enter button.
Use the up/down buttons to choose on or off. Press enter to confirm.

Setting DMX address
Press the menu button until Addr is displayed. Press enter.
A001 –A511 will be displayed.
Use the up/down arrow to select desired DMX start address. Press enter to confirm.

Master/slave
Press the menu button until SLnd is displayed. Press enter.
Use the up/down buttons to select nasr for master or SL-1 for slave mode. Press enter to confirm.
When linking several units together without DMX controller set one unit only to master and all other units to slave.

DMX address
Note: to operate channel 2-4, channel 1 must be in 0 position.

Channel	DMX	Function
CH1	0-19	Blackout
	20-39	Red
	40-59	Green
	60-79	Blue
	80-99	Green & Blue
	100-119	Red & Blue
	120-139	Red & Green
	140-159	Red / Green & Blue
	160-179	3 colour chase with rotation
	180-199	7 colour chase with rotation
	200-255	Sound activated
CH2	000-004	Blackout
	005-028	Red
	029-056	Green
	057-084	Blue
	085-112	Green & Blue
	113-140	Red & Blue
	141-168	Red & Green
	169-197	Red/Green/Blue
	198-224	3 colour chase
	225-255	7 colour chase
CH3	001-004	Static
	005-255	Strobe slow to fast
CH4	000-004	Static
	005-127	Speed of rotation slow to fast
	128-255	Auto movement variations

Software version
To check which software version is installed. Press menu unitil UEr is displayed.
Press the enter button and then the version will be displayed (Example V3).

Specifications

Power supply	90-250 V AC, 50 Hz ~ 60 Hz ~
Power consumption	20w
Current	0.28A
Sound control	via built-in microphone
Connection	3-pin XLR
Dimensions (LxWxH)	320 x 320 x180 mm
Weight	1.6Kgs
Maximum ambient temperature	45
Maximum housing temperature	50
Fuse	F1A, 250V
Channel	4
Number of LEDs	1x 9w