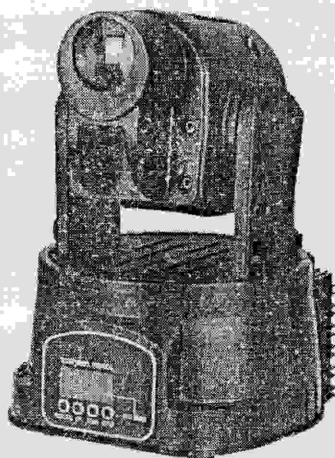


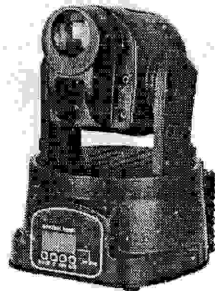
Mini Spot 15



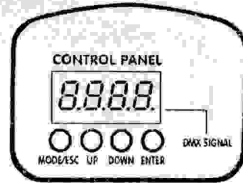
User Handbook

Getting to know the device

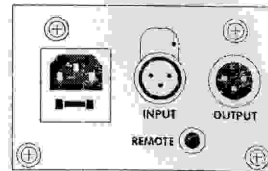
LEDs	1*14W Tri-color
DMX Control	5/13 Channel
Control Connections	3 Pin Female XLR sockets, 3 Pin Male XLR sockets
Power Requirement	110V-240V, 50/60Hz
Power Consumption	68 Watts
Dimensions	225mm*225mm*270mm
Net Weight	4.6Kg



Overall configuration



Control Panel





Control Connections

Gobo & Colour Options

The unit offers a range of 10 gobos & 16 preset colours. These can be individually selected with DMX control and feature in

Auto Run and Sound Activated modes

Gobo Name	Visible Pattern
Open	
Solar	
Inkblots	
Snow Lake	
Sunflower	
Celtic	
Fan	
Trident	

Segment	
Riddler	

Colour Presets
White
Red
Dark Green
Dark Blue
Light Blue
Magenta
Yellow
Purple
Orange
Light Green
Pink
Brown
Gold
Crimson
Violets
Dark Purple

Operating Modes

Six distinct operating modes, many with sub-modes, are supported by the unit. To select use the "MODE/ESC" button to enter the menu. "UP" and "DOWN" button choose from values available with the "ENTER" button confirming any selection. After a few seconds, the LED Display will blank during operation until another button is pressed.

1- In-built Program Mode

Setting Maximum Pan Angles

To select, use the "MODE/ESC" button and choose "PA18", "PA36", or "PA54". "UP" and "Down" buttons cycle between all available Pan Angles. Press the "ENTER" button to confirm the chosen selection.

LED Display	Maximum Pan
PA18	18°
PA36	36°
PA54	54°

Setting Maximum Tilt Angles

To select, use the "MODE/ESC" button and choose "t.9", "t.18", or "t.27". "UP" and "Down" buttons cycle between all available Tilt Angles. Press the "ENTER" button to confirm the chosen selection.

LED Display	Maximum Pan
t.9	9°
t.18	18°
t.27	27°

1- in-built Program Mode(continued)

As the unit can be mounted hung underneath trussing, or can sit equally well on a flat surface, pan, tilt and LED display settings can be reversed to provide correct coverage and ease of use.

Setting Reversed or Normal Pan

To select, use the "MODE/ESC" button and choose "Pan"(normal) or "rPan"(reversed). "UP" and "DOWN" buttons cycle between the two settings. Press the "ENTER" button to confirm the chosen selection

Setting Reversed or Normal Tilt

To select, use the "MODE/ESC" button and choose "t.L"(normal) or "rt.L"(reversed). "UP" and "DOWN" buttons cycle between the two settings. Press the "ENTER" button to confirm the chosen selection

Setting Reversed or Normal LED Display

To select, use the "MODE/ESC" button and choose "d.s"(normal) or "rd.s"(reversed). "UP" and "DOWN" buttons cycle between the two settings. Press the "ENTER" button to confirm the

chosen selection

2- Auto Run Mode

One of two Auto Run Sub-modes can be selected with a choice of preset speeds. This mode enables the unit to act as a Master to other Slave units.

Choosing Auto Run Sub-modes

To select use the "MODE/ESC" button to show "NAFA" or "NASL". "UP" and "DOWN" buttons change between the two initial options. With the appropriated option selected, use "ENTER" to confirm and the LED Display will change to "Fast"(fast) or "SloU"(slow). The unit will then run at the chosen speed

Initial LED Display	Second LED Display	Sub-mode
NAFA	Fast	Fast Auto Run
NAFL	SloU	Slow Auto Run

3- Sound Activated Mode

The unit responds to sounds picked up by the built in microphone to create a light show. Each sound picked up makes changes to color shown and position of the effects. This mode enables the unit to act as a Master to other Slave units

Choosing Sound Activated Mode

To select, use the MODE/ESC button and choose "NSStS". When the "ENTER" button is pressed the LED Display changes to "SrUn" and the unit enters Sound Activated Mode.

Initial LED Display	Second LED Display	Sub-mode
NSStS	SrUn	Sound Activated

4- Slave Mode

Up-to 32 units can be daisy chained together with one single unit acting as Master and all other linked units as Slaves. Slave units will all run in synch with the master unit without the need for an additional controller. Connections can be made using standard DMX control cables with the Master unit running in Auto Run or Sound Activated Modes and placed at the start of the chain.

Choosing Slave Mode

To select, use the "MODE/ESC" button and choose "SLAu". When the "ENTER" button is pressed the LED display changes to "Son" and the unit will be slaved to control signals coming from a Master unit.

5- Service Modes

After major configuration changes it may be necessary to reboot or reset the unit.

Resetting the Unit

To select, use the "MODE/ESC" button and choose "rEST"(restore). Press "ENTER" to confirm. The unit powers itself down and then on again for a few seconds. During this time the LED display will scroll "rEST" from left to right, after which normal operation recommences.

Restoring factory defaults

To select, use the "MODE/ESC" button and choose "LoAD"(load). Press "ENTER" to confirm. The LED display will change to "d001" to confirm a factory reset has been completed.

Powering the unit initially

During the warm up the unit will auto test itself for a few seconds. During this time the led display will scroll "rEST" from left to right. The unit then commences operation normally.

6- DMX Modes

The unit supports 5 and 13 channel DMX Sub-modes from a standard desk. When a suitable DMX connection is made, the "decimal point" in "d.001" will flash.

Setting DMX Addresses

Use the "MODE/ESC" button to display "d001", "UP" and "DOWN" buttons allows individual DMX addresses to be set

from “d001” to”d512”

Choosing between DMX Sub-modes

The LED display shows the chosen control mode when the “MODE” button is pressed. Use “UP” and “DOWN” buttons to choose the appropriate DMX control Mode.

LED Disply	DMX Sub-mode
5 CH	5 Channel
13Ch	13 Channel

DMX 5Channel Control Settings

	Ch1	Ch2	Ch1 3	Chl 4	Ch 5
	Pan	Tilt	Dimming&Stobe	Color	Gobo
0-7	↑	↑	All closed	Not used	Open static
8-15			Brightness	White	Solar static
16-21			↑	White	Inkblot static
22-23				Red	Inkblot static
24-31				Red	Snowflake statix
32-34				Red	Sunflower static
35-39				Dark green	Sunflower static
40-47				Dark green	Celtic static
48-49				Dark green	Fan static
50-55				Dark blue	Fan static
56-63				Dark blue	Trident static
64-71				Light blue	Segment static
72-77				Light blue	Riddler static
78-79				Magenta	Riddler static
80-91				Magenta	Open move
92-94				Yellow	Open move
95-105				Yellow	Solar move
106-109				Purple	Solar move
110-119				Purple	Inkblots move
120-124				Orange	Inkblots move
125-133	↓	↓	↓	Orange	Snowflake move
134			dimmet	Light green	Snowflake move

5 Channel DMX (continued)

	Ch1	Ch2	Ch3	Ch 4	Ch5
	Pan	Tilt	Dimming & Strobe	Color	Gobo
135-139	↑	↑	↑	Light green	Snowflake move
140-147				Light green	Sunflower static
148-154				Pink	Sunflower static
155-161				Pink	Celtic static
162-169				Brown	Celtic static
170-175				Brown	Fan move
176-184				Gold	Fan move
185-189				Gold	Trident move
190-199				Crimson	Trident move
200-203				Crimson	Segment move
204-214				Violet	Segment move
215-217				Violet	Rainbow 1
218-231				Dark purple	Rainbow 1
232-235			↓	Color change	Rainbow 1
236-239			40Hz strobe	Color change	Rainbow 2
240-255	↓	↓	All open	Color change	Rainbow 2

DMX 13 Channel Control Settings

13 channel DMX channels 1-7

	Ch1	Ch2	Ch 3	Ch4	Ch 5	Ch 6	Ch 7
	pan	Pan fine	tilt	Tilt fine	Vector speed	Dimmig&strobe	red
0-7	↑	↑	↑	↑	fastest	All closed	least
8-50						brightness	↑
51-80						↓	
81-100						dimmiest	
101-134						0Hz strobe	
135-180						↑	
181-200						↓	
201-220						40Hz strobe	
221-239						↓	
240-255	↓	↓	↓	↓	slowest	All opened	most

13 channel DMX channels 8-13

	Ch8	Ch9	Ch10	Ch11	Ch12	Ch13
	Green	Blue	color	Color speed	movment	gobo
0-7	least	least	Not used		Not used	Open static
8-15	↑	↑	White	↑	Auto 1	Solar static
16-21			White		Auto 1	Inkblot static
22			Red		Auto 1	Inkblot static
23			Red		Auto 2	Inkblot static
24-31			Red		Auto 2	Snowflake static
32-34			Red		Auto 2	Sunflower static
35-37			Dark green		Auto2	Sunflower static
38-39			Dark green		Auto 3	Sunflower static
40-47			Dark green		Auto 3	Celtic static
48-59			Dark green		Auto 3	Fan static
50-53			Dark blue		Auto 3	Fan static
54-55			Dark blue		Auto 4	Fan static
56-63			Dark blue		Auto 4	Trident static
64-67			Light blue		Auto 4	Segment static
68-71			Light blue		Auto 5	Segment static
72-77			Light blue		Auto 5	Riddler static
78-79	↓	↓	Magenta	↓	Auto 5	Riddler static

13 Channel DMX channels 8-13(continued)

	Ch8	Ch 9	Ch 10	Ch 11	Ch 12	Ch 13
	Green	Blue	color	Color speed	movment	gobo
80-82	↑	↑	Magenta	↑	Auto5	Open move
83-91			Magenta		Auto 6	Open move
92-94			Yellow		Auto 6	Open move
95-97			Yellow		Auto 6	Solar move
98-105			Yellow		Auto 7	Solar move
106-109			Purple		Auto 7	Solar move
110-112			Purple		Auto 7	Inkblots move
113-119			Purple		Auto 8	Inkblots move
120-124			Orange		Auto 8	Inkblots move
125-127			Orange		Auto 8	Snowflake move
128-134			Orange		Sound 1	Snowflake move
135-139			Light green		Sound 1	Snowflake move
140-142			Light green		Sound 1	Sunflower move
143-147			Light green		Sound 2	Sunflower move
148-154			Pink		Sound 2	Sunflower move
155-157			Pink		Sound 2	Celtic move
158-161			Pink		Sound 3	Celtic move
162-169			Brown		Sound 3	Celtic move
170-172	↓	↓	Brown	↓	Sound 3	Fan move

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173-175			Brown		Sound 4	Fan move
176-184			Gold		Sound 4	Fan move
185-187	↑	↑	Gold	↑	Sound 4	Fan move
188-189			Gold		Sound 5	Trident move
190-199			Crimson		Sound 5	Trident move
200-202			Crimson		Sound 5	Trident move
203			Crimson		Sound 6	Segment move
204-214			Violet		Sound 6	Segment move
215-217			Violet		Sound 6	Segment move
218-231			Dak purple		Sound 7	Rainbow 1
232			Color change		Sound 7	Rainbow 1
233-235			Color change		Sound 8	Rainbow 1
236-239	↓	↓	Color change	↓	Sound 8	Rainbow 2
240-255	most	most	Color change	↓	Sound 8	Rainbow 2

For your safety

- ◆ Follow all instructions to maintain Manufacturer Warranty and for your own safety.
- ◆ There are no user replacement parts inside the product. Do not open the product for any reason. This will invalidate your Manufacturer Warranty and may impair the safety features of the product.
- ◆ Do not expose this product to moisture, rain or other fluids.
- ◆ Do not use this product near water or other fluids.
- ◆ Do not use the product if you suspect it has been damaged in any way, including being dropped, is malfunctioning, or has been exposed to liquids or moisture. The unit must be repaired by an authorized service centre only. Manufacturer Warranty is void if unit is opened or adapted in any way. Operator safety may be compromised if this product is not operated and maintained in accordance with the details contained in this Owner Handbook.
- ◆ This appliance must be earthed. Do not remove the earth connection in the plug or any other location—it is essential for user safety.
- ◆ Be aware that products are mains powered and may be capable of producing high voltages from its outputs and has mains voltages inside the cabinet.

Product installation, Use & maintenance

- ◆ Keep this Owner handbook safe for future reference.
- ◆ Clean the product with a clean and dry,non-abrasive cloth. Do not use solvents or liquids to clean the product.
- ◆ To prevent overheating,do not obstruct any ventilation opening,fan cover or vent. Do not install any source of heat such as radiators,heaters,other heat producing items such as amplifiers,power units etc.
- ◆ Power connection to the product via a 110-240V power switch,please verify your local vothage.
- ◆ To maintain the Manufacture Waaranty,only attach authoorised accessories ans external devices.This includes cables,connectors and other electrical and /or mechanical device.
- ◆ Unplug the product from the mains during lighting storms or periods of maina fluctuations. If the product is goging to be unused for long periods,unplug the main.

Product Quality & Compliance

- ◆ Products from us meet all required safety standards in force at the time of manufacturer and are fully compliant with them.
- ◆ Uppacking & Inspection
- ◆ Inspect the packing before opening,If the packing appears to have sustained significant damage,please take extra care before using the product. If you are in any dount,counsult a

suitably qualified professional.

- ◆ If you suspect the product has been damaged,do not use it. Return it to your original supplier without delay.
- ◆ Keep all packaging in a safe place for storage or transport in future.

Thanks for choosing our products and your kind cooperations.