Viking VK1212 F
12x12w RGBW Flower
Beam Light Instructions

This Led light is designed to create beam flower effects using RGBW Leds either as stand alone or DMX controlled with either 18 or 29 DMX channels with DMX input and output on 3 pin XLR connectors.

The unit uses 12 x 12w 4 in 1 Led for RGBW colour mixing with Powercon in and out for mains operation & is protected with an external 3a 20mm fuse. It has a high output 40 degree lens and can be floor standing or hung via it's quick release Omega mounting clamp.

The Plate (beam plate) is adjusted to create flowing beams of light using different leds as selected in the dmx charts. This allows a great number of beam effects to be created which can be controlled stand alone, or via dmx.

Display Settings:

Display	Value	Function
DMX Mode	CH18	Select either 18 or 29 Channel DMX Profile
DMX ADR	001	Select DMX Address
ADJ-R	001-255	Manual Red Led Brightness
ADJ-G	001-255	Manual Green Led Brightness
ADJ-B	001-255	Manual Blue Led Brightness
ADJ-W	001-255	Manual White Led Brightness
PROGRAM	1-16	Select Internal Program Number
SPEED	1-16	Select Built in Program Speed
FOCUS	0-255	Effect Plate Position of Beams
TEST MODE		Sound and Auto Test/Demo Mode
RESET ?		Reset the head to factory defaults

DMX Channels (18 Channels)

Channel	Value	Function
1	0-255	Pan
2	0-255	Tilt
3	0-255	Pan Fine
4	0-255	Tilt Fine
5	0-255	Pan/Tilt Speed from fast to slow
6	0-255	Master Dimmer
7	0-255	Strobe from slow to fast
8	0-255	Red LED from Dark to Bright
9	0-255	Green LED from Dark to Bright
10	0-255	Blue LED from Dark to Bright
11	0-255	White LED from Dark to Bright
12	0-255	Colour Macro
13		Select Disk Patiition
	0-60	
	61-120	
	121-160	
	161-200	
	201-255	
14	0-75	No Function Ch1-13 control head
	76-85	built in programs in steps of 10
15	0-255	Speed of Built in Program
16	0-127	Effect Plate position
	128-255	Plate turns from slow to fast
17	0-64	No Effect
	65-128	X Reversed
	129-192	Y reversed
	193-255	X & Y Reversed
18		Function set when DMX value is held >10 seconds
	0-64	No Function
	65.128	Built In Program Activated
	129-192	Sound Activated Control
	193-255	Reset

DMX Channels (29 Channels)

Channel	Value	Function
1	0-255	Pan
2	0-255	Tilt
3	0-255	Pan Fine
4	0-255	Tilt Fine
5	0-255	Pan/Tilt Speed from fast to slow
6	0-255	Master Dimmer
7	0-255	Strobe from slow to fast
8	0-255	1st Red LED from Dark to Bright
9	0-255	1st Green LED from Dark to Bright
10	0-255	1st Blue LED from Dark to Bright
11	0-255	1st White LED from Dark to Bright
12	0-255	2nd Red LED from Dark to Bright
13	0-255	2nd Green LED from Dark to Bright
14	0-255	2nd Blue LED from Dark to Bright
15	0-255	2nd White LED from Dark to Bright
16	0-255	3rd Red LED from Dark to Bright
17	0-255	3rd Green LED from Dark to Bright
18	0-255	3rd Blue LED from Dark to Bright
19	0-255	3rd White LED from Dark to Bright
20	0-255	4th Red LED from Dark to Bright
21	0-255	4th Green LED from Dark to Bright
22	0-255	4th Blue LED from Dark to Bright
23	0-255	4th White LED from Dark to Bright
24	0-255	Colour Macros
25	0-75	No Function Ch1-24 control head
	76-255	built in programs in steps of 10 (18 programs)
26	0-255	Speed of Built in Program
	0-127	Effect Plate Position (Beam position) static
27	128-255	Effect Plate continuous turning beams slow to fast

Channel	Value	Function
28	0-64	No Effect
	65-128	X Reversed
	129-192	Y reversed
	193-255	X & Y Reversed
29		Function set when DMX value is held >10 seconds
	0-64	No Function
	65.128	Built In Program Activated
	129-192	Sound Activated Control
	193-255	Reset

DMX
With DMX present the display will change from showing 'X' (DMX not present) to 'V' for DMX present.

Master/Slave Use
No DMX must be present on the Master unit. The slave units are then daisy chained from one to the next. It is important that all sale units are set to 29CH mode and the display is changed to address A001 and it is showing on the LCD Display - the slaves will then respond to the functions of the master unit.