

Viking VK1212 Z

12x12w RGBW Zoom

Beam Light Instructions



This Led light is designed to create beam effects using RGBW Leds either as stand alone or DMX controlled with either 10,13 or 17 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 6.3a 20mm fuse. It has a high output 10-60 degree zoom lens and can be floor standing or hung via it's quick release Omega mounting clamp.

In Master Slave Configuration, no DMX signal must be present at the Master head and the slave heads set to slave 1 or 2. All units in the system will then respond in unison. As soon as DMX is present the head will revert to DMX control. Selecting Blackout On will prevent the heads from being active should dmx fail in a theatre type environment.

Display Settings:

Display	Value	Function
DMX Address	0-512	Select DMX starting address for the light
Channel Set	Xch	Select DMX Channel Mode 10 13 or 17 control channels
Show Mode	Show x	Select inbuilt show 1 2 3 or 4
Slave Mode	SlaveX	Select either slave1 (normal) or slave2 for light show slave
Blackout	Yes / No	Select if you wish the unit to blackout in loss of DMX signal
Sound State	On / Off	Select if the auto sound trigger is on or off
Sound Sense	0 / 100	Select sensivity of built in mic to trigger sound activation
Pan Inverse	Yes / No	Invert Pan on Head
Tilt Inverse	Yes / No	Invert Tilt on Head
Back Light	On / Off	Select if LCD backlight is to be constantly on or auto off
White Balance	R/G/B 0-255	Reset the head to factory defaults
Manu Test	Function 0-255	Manual test RGBW Dimmer & Strobe functions
Auto Test		Automatic test of functions
Temp		Shows the internal temperature of the head
Defaults	Yes/No Pro/Auto	Reset to factory defaults - either Pro or Auto (basic) level

The unit can be used as a variable zoom beam light from very tight beam to wide flood of 60 degrees which also enables it use as a mini wash light too. it's built in programs make it very easy to use without a lighting desk, but under control for one it can be used to it's best advantage and has 3 type of channel modes to suit most lighting desks. The unit measures 37.5 x 32.2 x 44.5cm and can therefore be used in tight spaces.

LED Display

Led	State	Function
DMX	On	DMX Input is present
Master	On	Head in Master Mode
Slave	On	Head in Salve Mode
Sound	Flashing	Sound Activation is in use

DMX Channels (10 Channels)

Channel	Value	Function
1	0-255	Pan (0-630 Degree)
2	0-255	Tilt (0-240 Degree)
3	0-255	Zoom : Wide to Narrow
4	0-15	No Function
	16-131	Strobe from Slow to Fast
	132-139	No Function
	140-181	Strobe Fade on Snap Off : Slow to Fast
	182-189	No Function
	190-231	Strobe Snap on Fade Off : Slow to Fast
	232-239	No Function
	240-247	Random Strobe from Fast to Slow
5	248-255	No Function
	0-255	Red LED from Dark to Bright
	0-255	Green LED from Dark to Bright
7	0-255	Blue LED from Dark to Bright
8	0-255	White LED from Dark to Bright
9	0-255	Master Dimmer
10	0-199	No Function
	200-209	Reset
	210-255	Sound Control

DMX Channels (13 Channels)

Channel	Value	Function
1	0-19	No Function (Light off)
	20-51	Shutter open (Light on)
	52-67	Strobe from fast to slow
	68-72	No Function
	73-87	strobe from dark to bright
	88-92	No Function
	93-108	Strobe Snap on Fade Off
	109-113	No Function
	114-128	Random Strobe
	129-133	No Function
	134-149	Strobe Fade On Snap Off
	150-154	No Function
155-255	Strobe Snap on Fade Off	
2	0-255	Master Dimmer
3	0-255	Pan (0-630 Degree)
4	0-255	Pan Fine
5	0-255	Tilt (0-240 Degree)
6	0-255	Tilt Fine
7	0-255	Zoom : Wide to Narrow
8	0-199	No Function
	200-209	Reset
	210-255	Sound Control Active
9	0-255	Colour Macro
10	0-255	Red LED from Dark to Bright
11	0-255	Green LED from Dark to Bright
12	0-255	Blue LED from Dark to Bright
13	0-255	White LED from Dark to Bright

DMX Channels (17 Channels)

Channel	Value	Function
1	0-255	Pan (0-630 Degree)
2	0-255	Pan Fine
3	0-255	Tilt (0-240 Degree)
4	0-255	Tilt Fine
5	0-255	Pan/Tilt Speed from fast to slow
6	0-255	Zoom : Wide to Narrow
7	0-15	No Function
	16-255	Pan / Tilt Auto Program
8	0-55	No Function
	56-255	Pan / Tilt Auto Speed : Fast to Slow
9	0-199	No Function
	200-210	Reset
	211-239	No Function
	240-255	Sound Control Active
10	0-255	Master Dimmer
11	0-15	No Function
	16-131	Strobe from Slow to Fast
	132-139	No Function
	140-181	Strobe Fade on Snap Off
	182-231	Strobe Snap on Fade Off
	232-239	No Function
	240-247	Random Strobe
248-255	No Function	
12	0-255	Red LED from Dark to Bright
13	0-255	Green LED from Dark to Bright
14	0-255	Blue LED from Dark to Bright
15	0-255	White LED from Dark to Bright
16	0-7	No Function
	8-127	Static Colour Macro (with Ch10 up)
	128-191	Colour Chase Macro - Snap (with Ch10 up)
	192-255	Colour Chase Macro - Fade (with Ch10 up)
17	0-255	Auto colour speed : Slow to Fast

M91