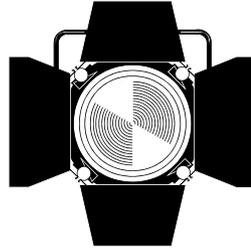# VIKING
STAGE LIGHTING

M117

VK740Z

The VK740z is a powerful LED Cob Wash Light with a 6-55 degree zoom lens using 7 40w RGBW Led Cobs and producing excellent colours. It is near silent and is equipped with 3 and 5 Pin XLR data connections together with Powercon In and out.

The unit has 2 omega style brackets for secure shake free mounting at any angle and can be used in Master/Slave Stand Alone, and DMX Modes using 17 channels of Dmx data.

Please read these instructions before use to ensure you get the best out of our VK740's !

Power to the light is via 16a In and Out Mains connectors , allowing up to 10 units to be daisy chained on a 13a mains feed or 13 on a 16a mains feed. DMX Data is in/out via XLR 3 pin connectors and as with all DMX products it is recommended to fit a Terminator to the last DMX product on the data line to ensure a clean signal.

Please ensure that the unit has the power switch turned on before use. The Omega clamps have a 'Brown' coloured spot to identify them for the product and the VK740 has a similar one on the base. The clamps are designed to be mounted to the unit in one direction only.

Operation

Simple to operate there are built in programs for creating effects, but in practice these are not normally of any use as the colour temperature and brightness are the two properties that are likely to be used.
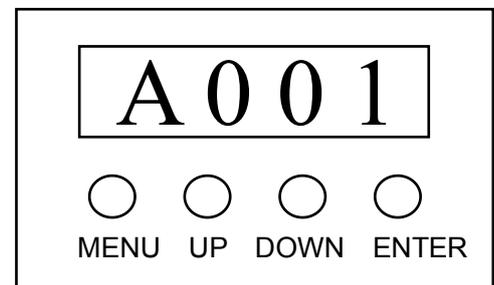
LCD DISPLAY

Operation of buttons
Menu: Used to select function
UP: Increase parameter value
Down: Decrease parameters value
Enter: to confirm value/preserve/enter submenu

A 0 0 1
○ MENU ○ UP ○ DOWN ○ ENTER

To Set Master / Salve Mode:
In order to set a light to 'Master' mode enter the RUN MODE on the LCD Menu of Master head and select 1) Master for this head. Select DMX512 mode on all slave heads and link lights together with DMX cable. This will cause the Master to transmit DMX to the salve units. Also set DMX address on Master and Salve heads to be the same and avoid any other DMX addresses that would cause a conflict - remembering the Master unit will transmit a DMX signal on the Data line that could upset other product if addresses clash (remember if DMX address of Master is 232 then you must avoid this address plus the 17 control channels (232-249) on other DMX equipment .

Remember: Press **Enter** to store. *The unit remembers settings when turned off as long as the Enter button has been pressed.*

LED Display Functions

Display	Value	Function
Run Mode	DMX512	DMX Control from Lighting controller or selected if SLAVE head
	Auto	1) Master head or 2) Alone if head is to be individually run in auto mode
	Sound	3) Sound activated
Reverse	Pan	
	Tilt	
	Display	Turn display through 180 degree for upside down mounting
Channel	17 Channel	
Pan Degree		
Mic Sense	001 to 100	Sound Sensitivity
Inform	Ch Value	Show current state & level of each DMX channel on head
	Temp 0	Show internal temperature of head
Reset	Yes / No	
Default	Yes / No	Restore Factory Setting
Adjust		Factory use only

17 Channel DMX Mode

Channel	DMX Value	Function
1	0-255	Head Pan position
2	0-255	Pan position - fine
3	0-255	Head Tilt position
4	0-255	Tilt position - fine
5	0-255	Speed of pan/tilt from fast to slow
6	0-15 16-214 215-255	Strobe No function Strobe from slow to fast Random Strobe
7	0-255	Master Dimmer
8	0-49 50-99 100-149 150-255	Dimming Mode 1 Dimming Mode 2 Dimming Mode 3 Dimming Mode 4
9	0-255	Zoom from near to far
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
14	0-255	Static Colour Macros
15	0-255	Moving Colour Macros
16	0-255	Speed of colour macros
17	0-79 80-99 100-255	Reset no function Reset head No function

To use each light in stand alone mode without a controller then the RUN MODE must be set to ALONE

To set as Sound activated then the RUN MODE must be set to SOUND

It is possible to limit the head movement to 360 degree rotation rather than the standard 540 degrees by selecting PAN DEGREE on LCD menu and the maximum pan angle required

The ADJUST LCD Menu option is for service and testing only by Viking Staff.

Remember SLAVE heads must be set to DMX in RUN MODE