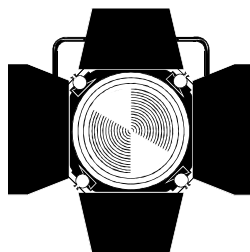


# VIKING STAGE LIGHTING



# M120

## VK200 COB

The VK200 Cob is a powerful LED Cob Light using a dual white Warm White/Cool White 200w chip. It's main purpose is to give the user the ability to control the colour temperature of the light's white output from traditional Tungsten to the blue white colour of moving lights.



Power to the light is via Powercon Mains cable and up to 15 lights can be daisy chained via the powercon in / out sockets for ease of cabling. 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.

On the rear of the unit is an external fuse carrier for a 20mm 3a fuse to protect the unit. If necessary to check or replace the fuse just **gently** turn the fuse holder cap with a cross head screwdriver - do not use excessive force.

Barndoors and colour frames fit the front runners on the light - ensure the locking spring is applied to ensure, if inverted, they cannot fall out.

### 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.

### Rear LED DISPLAY

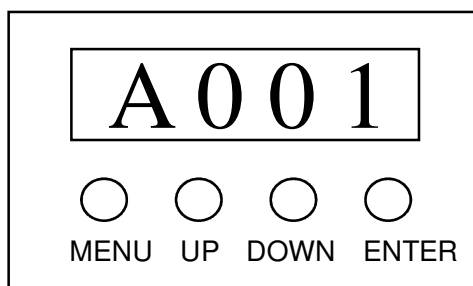
#### Operation of buttons

Menu: Used to select function

UP: Increase parameter value

Down: Decrease parameters value

Enter: to confirm value/preserve/enter submenu



#### To Set DMX Mode:

In order to enter the DMX start address of the unit select either D001 or A001 on the menu, then enter the required start address using the **Up** or **Down** buttons and when correct for your requirement remember to press **Enter** to store. *The unit remembers settings when turned off as long as the Enter button has been pressed.*

An Address beginning A ie:A012 is for using the light in 6 channel mode whereas an address beginning D ie : D012 is for using the light in basic 2 channel mode. The unit will not respond to DMX if either an A or D address are not set on the back of the unit. After a few seconds the display will blank - to view again press any button.

## LED Display Functions

Display	Value	Function
D001	1-512	2 Channel DMX Mode
A001	1-512	6 Channel DMX Mode
CC00	1-99	Colour Change Program A
CP00	1-99	Colour Change Program B
DE00	1-99	Colour Change Program C
BEBE		Sound Activated Control
R200	0-255	Manual Level of Warm White
G200	0-255	Manual Level of Cool White

With the exception of BEBE mode, the number following the Alpha code can be increased / decreased to alter the setting of the light or for using the light without a DMX controller.

Please remember to press enter to set and store the value

## DMX Charts

### 2 Channel Basic Mode: DMX Address showing D at start ie: D123

Channel	Value	Channel
1	0-255	Warm White from 0 to full
2	0-255	Cool White from 0 to full

### 6 Channel Full DMX Mode: DMX Address showing A at start ie: A123

Channel	Value	Channel
1	0-255	Master Dimmer: dark to bright
2	0-255	Strobe: from slow to fast
3	0-50	DMX Control
	51-100	Built in Program 1 (CC)
	101-150	Built in Program 2 (CP)
	151-200	Built in Program 3 (DE)
	201-255	Sound Triggered
4	0-255	Program Speed: slow to fast
5	0-255	Warm White: from 0 to full
6	0-255	Cool White: from 0 to full