

Viking VK75 P 75w Led Moving Light Instructions



This Profile Led Moving Spot is designed to create gobos & colour patterns & in air effects using DMX control from a lighting desk or sound activated stand alone displays.

Hang the fixture using the clamp provided plus a M10 bolt set & Standard Hook Clamp, or stand the unit on a convenient surface without using any of the above.

DMX is daisy chained in and out of the unit using 3 pin XLR and power is connected via the supplied Powercon mains lead with blue Connector. The unit is fitted with an external 3a 20mm fuse for easy replacement and to protect the unit & electronics from mains surges.

The LCD Display is used to alter settings including the DMX Address using the Menu, up, down and enter buttons, while the Menu button is used to select the feature to be set. The Unit has a sophisticated service facility built in which is also accessed via these menu options and can be ignored by the end user.

Power Up:

On turning on the power the unit will briefly perform a self check and will display while the system is checked. On Completion the unit will display the current DMX address (called the home message)

RST 00XX
Wait

VIKING
ADDR:001

LCD Display Settings:

When the unit is displaying the DMX address pressing the MENU button will prompt for the DMX, pressing UP or DOWN buttons at this time will cycle through the options **RUN ADDRESS EDIT SPECIAL GENERAL** To select any of these press **ENTER**

ADDRESS

VIKING
ADDR:001

Setting DMX Address:

Press **Menu** when on the above screen and ADDRESS will appear - if it doesn't then cycle through the options using **Up** and **Down** buttons unit it does. Pressing **ENTER** will display the current setting and allow it to be altered with the **Up** and **Down** buttons. When correct, to store this new DMX value press **ENTER**, the value will stop flashing and is then stored. Press **ENTER** twice to return to the main menu again

M81

GENERAL

Under this menu you can adjust the following options:

GENERAL
Light

Used for service, this shows the hours the unit has been turned on and also LED usage (shown only when Service password has been entered.

GENERAL
INVERT

Used to reverse or normalise Pan or Tilt functions. Select option and adjust setting using **Up Down** and **Enter**. **Exit by pressing Menu** until the home message is displayed.

GENERAL
LCD. Disp

Used to either set the LCD display to turn off after 60 seconds of inactivity or to always be on. Select the function required as above options

GENERAL
SOUND

Used to select the sensitivity of the inbuilt microphone used to trigger the sound activated response of the unit. Value is from 001-255 and adjusted as the above functions.

GENERAL
DEFAULT

Used to reset the unit to factory defaults including DMX address & functions

SPECIAL

This option is used to reset the head entirely or just a particular function if it is incorrectly responding. This retains the DMX address. Other options under this heading are for service only

RUN

This option is used to select a mode of operation. Once selected the unit will boot into this mode on power up automatically .To alter scroll through options using **UP Down** buttons & **Enter** to select. The Mode is shown in the home message on power up.

RUN
Test

Options are:

Test : for service use only.

RUN
DMX512

DMX512 : Select this to use on a lighting desk or other DMX control equipment

RUN
Auto1

AUTO1 & AUTO2 : Select for inbuilt simple demo programs. Auto1 is quick moving and Auto 2 is a slow moving demo.

RUN
Sound

SOUND : Select for sound activated movement & the head will change gobo, location, colour and other parameters on a beat in music. Use with **GENERAL SOUND** sensitivity setting.

RUN
Slave

SLAVE : Select when linking multiple units together so this unit will replicate the unit being used as master.

RUN
Custom

This option is used to run the built in user defined program. One program may be stored of 255 steps which include all head settings ie; colour, gobo, pan, tilt, focus, speed, dimmer, strobe, prism etc.

SETTING CUSTOM PROGRAM

This can be set and stored using the same protocol of editing LCD information ; ie **UP DOWN** and **ENTER** buttons to select the various options.

EDIT
PROGRAM

Select **EDIT** and **PROGRAM** to begin editing stored program Any changes made will overwrite the existing program and will be saved when power is disconnected. The current step will be shown.

Step:
071

Press **ENTER** to alter Step Number and the number will flash. Alter using **UP DOWN** and **ENTER** buttons to select - the step number will cease flashing.

PRISM
255

Select each function you wish to set using **UP DOWN** and **ENTER** buttons to select - ie; Pan/Tilt position, colour, gobo etc - the head will take on the position and feature selected as a visual check. The value of each function (0-255) will be displayed on th LCD as a reference. **NB:** *Note down values for quick setting of favourite settings*

COLOR
125

Use:
Yes

Having set all the functions required in the step the last feature is to select whether to use this step in the program. It is therefore possible to have a library of 255 favourite head settings (steps) but select only to use a few in the program for an event.

Use:
No

The program is not cleared - event on a head reset so is completely safe. to clear a particular step just select **USE No**

Abbreviations in the EDIT display include G1.SHAKE for Gobo Shake function and C.Step for Split Colour function between 2 adjacent colours, particularly useful with Gobos and Prisms.

DMX Channels (14 Channels)

Channel	Value	Function
1	0-255	Pan 0-540 degrees
2	0-255	Tilt 0-270 degrees
3	0-255	Pant/Tilt Speed
4	0-255	Dimmer
5		Shutter (Strobe)
	0-30	No Strobe
	31-200	Strobe from Slow to Fast
	201-250	Random Strobe from Slow to Fast
251-255	No Strobe	
6		Colour
	0-19	Open (White)
	20-39	CTO Colour Correction
	40-59	Orange
	60-79	Yellow
	80-99	Light Blue
	100-119	Dark Blue
	120-139	Green
	140-159	Light Pink
	160-179	Dark Pink
	180-199	Red
200-227	Rainbow Scroll Clockwise Fast to Slow	
228-255	Rainbow Scroll Anticlockwise Slow to Fast	
7		Split Colour (C.Step)
	0-139	Split Colour between 2 adjacent colours
	140	Half colour position
141-255	Split Colour between 2 adjacent colours	



8	0-19	Open (No Gobo)
	20-39	Gobo 1
	40-59	Gobo 2
	60-79	Gobo 3
	80-99	Gobo 4
	100-119	Gobo 5
	120-139	Gobo 6
	140-159	Gobo 7
	160-179	Gobo 8
	180-199	Gobo 9
	200-217	Gobo Scroll Clockwise Slow to Fast
	218-244	Gobo Scroll Anticlockwise Slow to Fast
	245-255	Gobo Scroll Anticlockwise Fast to Very Fast
9	0-255	Gobo Shake from Slow to Fast
10	0-255	Focus Far to Near
11		Prism
	0-9	No Prism
	10-127	3 Facet Prism Static
	128-255	Prism Rotation Slow to Fast
12	0-255	Pan Fine
13	0-255	Tilt Fine
14	0-255	Reset

The unit can be used surface standing or hung using the bracket supplied and a M10 Bolt set and Hook Clamp. Despite it's light weight a Safety Bond should always also be used.

The unit is fitted with a 20mm fuse rated at 3a accessible from the rear panel for ease of replacement. This protects the electronics from sudden mains surges. Always replace such fuse with the mains power disconnected.

Clean the unit frequently to avoid the build up of dust and dirt as this will prevent the unit from functioning correctly and excessive dust can cause heat build up and component failure.

In the case of problems, the unit should not be disassembled but returned to Viking or one of it's service agents for repair. Help should first be sought via email or telephone to ascertain the cause.



DMX LED

The unit has a two colour DMX Led with various indications as below;

Blue: No DMX is Present

Red Flashing: DMX is Present

Red Constantly on: Head is not set to DMX (ie it is set to Auto½ Custom Sound to Light or Test)

Not lit at all: No power is applied to head or it's Red power switch is turned off

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