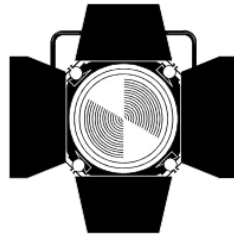# VIKING STAGE LIGHTING — VK918

Operating Instructions
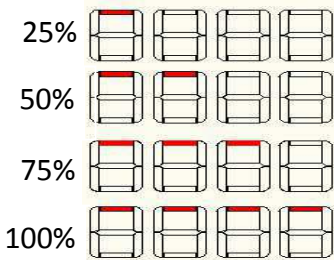
Operating Modes: You can use the VK918 in 5 ways:
● Sound activation – The unit will activated by sound.
● Static display – The unit will display ONLY the chosen colour.
● Auto Mode - The unit will automatically chase through different colours.
● DMX control (WDMX 2.4ghz) mode - This function allows you to control the fixture with a DMX controller.
● Phone app control (WIFI-control) – Control colour from an IOS or Android Device app.

Turning On Power to the Light
Press & Hold the **Menu** button for 3 seconds to power up the unit

Turning Off Power to the Light
Press & Hold the **Menu** button for 3 seconds to power off the unit - the LED display shows **OFF** to confirm power down. When power is restored to the unit the battery charge status will be shown in the LED display as follows;

25%
50%
75%
100%

Tips for charging the battery:

● After a **FULL** charge the battery can last for 6 hours with all LEDs on, & can last for more than 12-14 hours on auto mode chasing through each colour, or up to 20 hours with one colour on static. Results will vary based on brightness of LEDs

● It is suggested to charge the battery for at least 4 hours before use. This can be done in the Charging Flight case or individually by plugging the light into a 13a socket directly. For best battery life please remember to switch off **rF24** and **WIFI** modes if not being used.

DMX Mode:
1. The VK918 uses 6 or 10 channels of DMX to operate. Please see the DMX Channel List below for channel properties.
2. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller .
3. Set your desired DMX address on the VK918 ie; A124 on the Led disply and 6Ch or 10Ch according to preference.
4. The unit automatically recognizes the DMX signal once the DMX connection is made.

Stand Alone Mode (StAt):
Under the VK918 menu option StAt the user can set a Stand alone colour for the unit to produce. Using **R**xxx,**G**xxxx, **B**xxx,**U**xxx,**Y**xxx,**P**xxxx where xxx is value 0-255 you can set the brightness of colours Red, Green, Blue, Amber, White, & UV respectively. These will be retained when the unit is powered down. Strobing is also set under this option on the **St**xx menu option from 0 (no strobe) to 20 (fastest).

Auto Mode (Auto):
Under the VK918 menu option Auto the unit can be set to chase colours through a sequence of **Fade**s, or **Snap**s or sound (**Soud**) activated changes.

Wifi Mode:
There are 2 Wifi Modes selectable under the system menu option **SySt** : **rF24** - receiver for wireless DMX from a 2.4ghz transmitter, and **WIFI** for control from IOS or Andriod device app.

rF24: Ensure rF24 feature is set to **ON** and frequency of receiver (**FrEq** in system menu) in the light matches your transmitter (1 to 7) & the unit will respond to Wireless DMX from your controller.

WiFi: Under User Settings press ENTER choose **WiFi** mode press ENTER to confim, Wifi module will show up. Install the app **"LedHome"** into your cellphone in IOS or Android. Find and get in touch with device named "LED_XXX"

Remember both WiFi and rF24 modes consume more battery power and a shorter running time before cre-charging will apply.

M129

Specification:

Input voltage : 90-240V AC, 50/60Hz
Light source :9pc 18W RGBWA UV 6in1 leds
IP rate: IP65
Lamp life: 100000 hrs
LED angle: 45 degree
Control channels: 6 / 10 Channels
Battery power & wireless DMX,Wireless DMX-512 protocol
Battery working time: All leds on 6 hrs, Auto mode: 12-14 hrs, One colour on: 20 hrs
Built in 2.4G receiver/ transmitter for wireless DMX operations
Control mode: DMX512, master/slave, auto, sound activated
Automatic mode: colour change, colour strobe, colour dimmer, colour gradual change/colour jump change
Operation menu: 4 digit digital LED display
Connection: IP65 TrueCon connection & 3pin DMX in/out - waterproof covers on unit for un-used connections
Product size: 240 x 240 x 200mm
Weight: 4.5kg

DMX Values and Functions

6CH Mode:

CH1	0-255	RED dimmer (0-255)
CH2	0-255	GREEN dimmer (0-255)
CH3	0-255	BLUE dimmer (0-255)
CH4	0-255	WHITE dimmer (0-255)
CH5	0-255	AMBER dimmer (0-255)
CH6	0-255	UV dimmer(0-255)

10CH Mode:

CH1	0-255	Dimmer (0-255)
CH2	0-255	RED dimmer (0-255)
CH3	0-255	GREEN dimmer (0-255)
CH4	0-255	BLUE dimmer (0-255)
CH5	0-255	WHITE dimmer (0-255)
CH6	0-255	AMBER dimmer (0-255)
CH7	0-255	UV dimmer(0-255)
CH8	0-255	Strobe
CH9	0-255	Auto
CH10	0-255	Auto Slow to Fast (0-255)

Menu Functions:

Menu	Up/Down	Enter
"Addr"	"A001"	SAVE
	"A512"	
"Chnd"	" 6Ch"	SAVE
	" 10Ch"	
"SLAu"		"SLAU"
"StAt"	X=0-255	"rXXX"
		"GXXX"
		"bXXX"
		"UXXX"
		"yXXX"
		"PXXX"
	X=0-20	"StXX"
"CoLo"	"xx=1-32"	CLxx
"Auto"	"xx=1-99"	SAVE
"FAdE"	"xx=1-99"	SAVE
"SnAP"	"xx=1-99"	SAVE
"Soud"	"Sou1"	"SE00~SE99"
	"Sou2"	
	"Sou3"	
"SySt"		"tESt"
	"on/oFF"	"rF24"
	"Fr 1~Fr 7"	"FrEq"
		"WIFI"
	"on/oFF"	"LEd"
	"tEst"	"rEd"
		"GrEE"
		"bLuE"
		"Whit"
		"yELL"
		"PurP"