

Viking VK1218 UL 12x18w 6 in 1 Led Battery / Mains Uplighter Instructions



This Led light is designed to create washes, either mains or battery powered, together with DMX or stand alone control, either wired or wireless using the built in 2.4g Wireless DMX Receiver

It uses 12 x 6 in 1 Led for RGBWA & UV for colour mixing, with powercon in and out for mains operation if required. In addition the unit has a fuel gauge led display to show the charge status of the battery together with a power saving switch to turn off the DMX wireless receiver if using cables.

In normal use the unit will need a 6 hour charge for full battery capacity which will provide up to 20 hours use if using one colour or 12 hours using 2 colours or 6 hours using full colour.

Display	Value	Function
A001	1-512	DMX Address of unit in 10 channel mode
D001	1-512	DMX Address of unit in 6 channel mode
CC01	01-99	Snap Colour Changing Slow to Fast
EE01	00-99	Colour Fade Change Gradual Slow to fast
FF01	01-99	Colour Fade with Blackout between colours Slow to Fast
dEdF		Sound to Light
r000	0-255	Manual Red Led Brightness
G000	0-255	Manual Green Led Brightness
b000	0-255	Manual Blue Led Brightness
o000	0-50	Manual White Led Brightness
Y000	0-255	Manual Amber Led Brightness
P000	0-255	Manual UV Led Brightness

10 Channel Mode (address on unit showing ie; A120)

Channel	Value	Function
1	0-255	Master Dimmer Dark to Bright
2	0-255	Strobe - Slow to Fast
3	0-50	Function: DMX Control on 9 Channels
	51-100	Auto Control: Snap Between Colours
	101-150	Auto Control: Gradual Fade Between Colours
	151-200	Auto Control: Pulse Change Between Colours
	201-255	Auto Control: Sound To Light Change Between Colours
4	0-255	Program Speed from Slow to Fast
5	0-255	Red LED from Dark to Bright
6	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	Amber LED from Dark to Bright
10	0-255	UV Led from Dark to Bright

Charging:

To charge the unit, turn off the Power switch & also the Signal switch. Plug the unit into the mains on either the Powercon socket on the unit or via the charge lead in the flightcase. A full charge from empty is normally achieved in approx 6 hours. The unit can be used at any time during the charge period.

Usage:

This unit is only for use Indoors. It is not suitable for use outside in the wet.

Mains Operation:

The unit can be used on Mains via the Powercon Blue Mains socket and linked through to up to 13 other units on the Mains Out Powercon socket. This 'daisy chaining' can also be used for charging.

Charge Indicator:

The 4 Led Charge Indicator shows the charge state of the unit.

All Led's on = Fully Charged

1 Red & 2 Green Leds on = above 75% charged

1 Red 1 Green Led on = above 50%

Red Led only = Charge required under 25% charge remaining

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Master Slave operation:

To use units where one Master will control slave units firstly daisy chain the DMX signal connections to all units being used WITHOUT a DMX signal being sent to the 1st unit in the chain. Either use a wired data cable from each unit linking to the next or switch on the wireless signal on each unit AND plug in a DMX transmitter into the output socket on the 1st (Master) unit.

Set the Master unit to master address number (A001) and the Slave units also to A001 Then set the master unit to the colour or fade option you want and the slave units will automatically follow the master colour and fade.

The DMX indicator will then show the status of the unit;

DMX Signal LED Status:

Red LED Lit: No DMX is being received either by cable or wireless

Red Led Flashing: Wired DMX signal is being received or unit is running built in program

Green Led Lit: Unit is acting as a slave

Green Led Flashing: Wireless DMX is being received by the unit

DMX Operation:

Set the unit to either 6 channel or 10 channel DMX mode. This is set by entering the DMX address with D prefix for 6 Channel or A prefix for 10 channel DMX control. For example if the unit is showing A500 then the DMX address is 500 with control using 10 channels . To use all units on the wireless transmitter the units need addressing to A001 and the transmitter is then plugged into the DMX output on the lighting desk being used.

6 Channel Mode (address on unit showing ie; D120

Channel	Value	Function
1	0-255	Red LED from Dark to Bright
2	0-255	Green LED from Dark to Bright
3	0-255	Blue LED from Dark to Bright
4	0-255	White LED from Dark to Bright
5	0-255	Amber LED from Dark to Bright
6	0-255	UV Led from Dark to Bright

Wireless DMX Use

Some wireless transmitters can be set to different frequencies as indicated by the colour of the LED on the transmitter (Normally Red).

To set the VK1218UL to the matching channel it is needed to change the wireless LED indicator on the unit by pressing the recessed channel button located in the centre of the wireless symbol as indicated below. Repeated pressing of the button will cause the unit to cycle through the colours of the channels available. (Default setting is also normally Red)

Wireless Master/Slave Use

- 1) Switch both POWER and SIGNAL to ON on ALL units
- 2) Ensure ALL units say A001; press the MENU button until prefix 'A' followed by 3 numbers shows in the LED display then press up/down change the number to 001 and press ENTER
- 3) Ensure all units have a green signal LED (not flashing) , this can be set by pressing the recessed signal button as pictured below. (green appears after red)
- 4) Choose which VK1218UL you want to act as Master then using the function table set the static colour or colour fade as required and press ENTER

