

# Viking VK1910 Halo Led Wash / Beam Zoom Instructions



This Led light is designed to create washes, in air effects of beams or Eye Candy with a lit Halo effect in the head itself. It uses 19 x 4in 1 Led for the beam and 30 x 3in1 Led for the Head Halo Effect.

The unit has 2 DMX modes of operation - 14 Channel (Beam only) and 25 Channel for Beam & Halo.

On Power up the unit will greet you with a welcome message & short delay while the unit initialises. When complete the DMX address will be shown with the message: Ready!

The Green DMX Signal light will flash when DMX is received and remain constantly lit when no DMX is present. The Red Power light will only remain lit during initialising the unit after which the LCD display shows power is present and DMX signal is OK.

There after you can set the DMX address, set Channel Mode, Switch on/off LCD & invert the display if hanging the unit.

2 Quick Rig Truss Hooks with Omega Clamps are provided for hanging - these should not be removed from the Omega Clamps.

To set DMX Number just rotate the encoder to display the new number and Press the decoder to set and save it.

**LCD Menu:** Options in the LCD Menu are selected by pressing the decoder or scrolled through by rotating the decoder.

Main Menu Options are:

1) **Dmx Address:** Rotate the encoder to the desired DMX Address and press to store. The unit will then return to the default screen showing DMX Number & Ready

2) **Channel Mode:** Standard (14 channel) Or Extended (25 Channel) To select rotate the encoder and highlight required mode & press to select. The Main menu will then reappear.

Channel	Value	Function
1	0-1	<b>Beam shutter</b> Shutter Open
	02-64	Snap on - Fade Off Pulse slow to fast
	65-127	Fade On - Snap Off Pulse slow to fast
	128-190	Slow Strobe slow to fast
	191-253	Fast Strobe slow to fast
	254-255	Shutter Open
2	0-255	Dimmer
3	0-255	Zoom Wide to Narrow
4	0-255	Pan 0-540 degrees
5	0-255	Pan Fine 16 bit
6	0-255	Tilt 0-212 degrees
7	0-255	Tilt Fine 16 Bit
8	0-59	<b>Function</b> No Function
	60-64	Fans Full Speed when cut in
	65-69	No Function
	70-74	Fans Adjust Speed to temperature of head when cut in
	75-79	No Function
	80-84	LCD Display Normal Orientation
	85-89	No Function
	90-94	LCD Display Inverted (for use when fixture hung )
	95-99	No Function
	100-104	LCD Display On
	105-109	No Function
	110-114	LCD Display off after 15 seconds
115-119	No Function	
120-124	Head Reset if selected >3 sec	
125-255	No Function	
9	0-3	<b>LED Macro</b> No Function
	4-67	Beam Colour Macro RGB Slow to Fast
	68-131	Beam Colour Macro RGB AND White Slow to Fast
	132-255	Beam Colour Macro 3 Function

10	0-255	Red
11	0-255	Green
12	0-255	Blue
13	0-255	White
14	0-255	Beam CTO White
		<b>Beam Fx Engine (Beam Open= On / Beam Closed = Off)</b>
15	0-255	BM.Close - duration of time of beam closed in FX engine
16	0-255	BM.CtoO duration beam takes from closed to open
17	0-255	BM.Open duration beam open in FX engine
18	0-255	BM OtoClose duration beam takes from open to closed
19	0-255	BM.Fade
		<b>Halo Shutter</b>
20	0-1	Halo Shutter Closed
	2-64	Closing Pulse slow to fast
	65-127	Opening Pulse slow to fast
	128-190	Slow Strobe slow to fast
	191-253	Fast Strobe slow to fast
	254-255	Halo Shutter Open
21	0-255	Halo dimmer
		<b>Halo Macro</b>
22	0-3	Macro off
	4-67	RGB Macro 1
	68-131	RGB Macro 2
	132-255	No function
23	0-255	Halo Red
24	0-255	Halo Green
25	0-255	Halo Blue

5) **Information:** Various Options for service use only:  
System Version, Fixture Hours, Lamp Hours, Fans Monitor, Temperature, DMX Monitor

3) **Test: Manual** - allows the individual testing of each Dmx channel by name. This can be used for presetting the head as a static display. **Auto Show** sets the head in action performing an automatic show. Press the encoder to select the option.

4) **Option: Invert Pan, Invert Tilt, Display Invert, Display ON/OFF**

Invert Pan or Tilt by selecting option and selecting On. The display can be inverted for clarity when hanging the unit by selecting this function ON. It can also be selected to be lit permanently or to turn off after 15 seconds of not being touched. The display options can also be controlled remotely by Dmx .