

TABLE 1. VL2600 WASH 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Zoom High	32767	0-65535	Zoom control
8	Zoom Low			Default value 50% zoom range
9	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
10	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
11	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
12	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
13	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Amber (centred at 160)
			176 - 207	Color 6 Congo Blue (centred at 192)
208 - 240	Color 7 CTB (centred at 224)			
241 - 255	Open			
14	Color Wheel Control	0	0 - 255	Linear Movement using shortest (quickest) path. Linear Movement using normal (longest) path. Wheel Spin CW (Forward) Wheel Spin STOP Wheel Spin CCW (Reverse) Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0 Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0 Reserved Values
			0 - 5	
			6 - 10	
			11 - 15	
			16 - 20	
			21 - 25	
			26 - 56	
57 - 87				
88 - 255				
15	Frame 1A	0	0-255	Controls Framing Shutter 1A from Open (0) to Full (255).
16	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (0) to Full (255).
17	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (0) to Full (255).
18	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (0) to Full (255).
19	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (0) to Full (255).
20	Frame 3B	0	0 - 255	Controls Framing Shutter 3B from Open (0) to Full (255).
21	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (0) to Full (255).
22	Frame 4B			Controls Framing Shutter 4B from Open (0) to Full (255).
23	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°
24	Beam softening	0	0-255	Linear control of frost mechanism from out (0) to full in (255)
25	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (0) to fastest (255) 0.5Hz to 30Hz

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26	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions.
		0 - 5		Open
		6 - 10		Closed
		11 - 15		Normal Strobe
		16 - 20		Random Strobe
		21 - 25		Random Sync
		26 - 255		Reserved Values
27	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level 1 reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			235 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
246 - 250	Dimmer Snap Off*			
28	Focus Timing	255	0 - 255	Adjustment of fixture timing to control Pan/Tilt mechanisms. See Timing Channel Chart in User Manual
29	Optics Timing	255	0 - 255	Adjustment of fixture timing to control lensing mechanisms. See Timing Channel Chart in User Manual
30	Color Timing	255	0 - 255	Adjustment of fixture timing to control color mechanisms. See Timing Channel Chart in User Manual
31	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . . Automatic fan/output adjustment (Default) Linear control of fan speed and LED max output. DMX 4 =Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed
32	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown

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DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
32	Luminaire Control continued	0	26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	Reserved Values
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
101 - 110	Side Hang Enable			
111 - 225	Reserved Values			