

TABLE 1. VL2600 PROFILE 16-BIT MODE

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	Focus High	32767	0-65535	Focus control Default value 50% Focus range
8	Focus Low			
9	Zoom High	32767	0-65535	Zoom control Default value 50% zoom range
10	Zoom Low			
11	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
12	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
13	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
14	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
15	Color Wheel	0	0 - 255 0 - 15 16 - 47 48 - 79 80 - 111 112 - 143 144 - 175 176 - 207 208 - 240 241 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel) OPEN (centred at 0) Color 1 RED (centred at 32) Color 2 Dark Blue (centred at 64) Color 3 Yellow (centred at 96) Color 4 Kelly Green (centred at 128) Color 5 Amber (centred at 160) Color 6 Congo Blue (centred at 192) Color 7 CTB (centred at 224) Open
16	Color Wheel Control	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 56 57 - 87 88 - 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
17	Gobo Wheel 1	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 30 31 - 35 36 - 40 41 - 45	8-bit control of Gobo Wheel 1. See Channel 20 for control Open - No Gobo Gobo 1 (Night Sky) Index Gobo 2 (Circle of Ovals) Index Gobo 3 (Bricked Out) Index Gobo 4 (Punchcard) Index Gobo 5 (Swirl) Index Gobo 6 (Honeycomb Reverse) Index Gobo 7 (On the Rock) Index Open - No Gobo

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21	Gobo Wheel 2 (Fixed)	0	0-255	8-bit control of Gobo Wheel for movement options see channel 22
			0 - 5	Open - No Gobo
			6 - 10	6-10 Gobo 1 (Leafy Breakup)
			11 - 15	11-15 Gobo 2 (Medium Circle)
			16 - 20	16-20 Gobo 3 Swirl (Lattice)
			21 - 25	21-25 Gobo 4 (Radial Breakup)
			26 - 30	26-30 Gobo 5 (Dust)
			31 - 35	31-35 Gobo 6 (Neurons)
			36 - 40	36-40 Gobo 7 (Grid)
			41 - 45	41-45 Gobo 8 (Cross bars)
			46 - 255	Reserved
22	Gobo Wheel 2 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 2 (Channel 21)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Reserved Values
			181 - 210	Reserved Values
			211 - 255	Reserved Values
23	Iris	0	0-255	Iris size control
			0 - 200	Iris beam size open to closed
			201 - 255	Iris pulse slow to fast
24	Frame 1A	0	0 - 255	Controls Framing Shutter 1A from Open (DMX 0) to Full (DMX 255).
25	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (DMX 0) to Full (DMX 255).
26	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (DMX 0) to Full (DMX 255).
27	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (DMX 0) to Full (DMX 255).
28	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (DMX 0) to Full (DMX 255).
29	Frame 3B	0	0 - 255	Controls Framing Shutter 3B from Open (DMX 0) to Full (DMX 255).
30	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (DMX 0) to Full (DMX 255).
31	Frame 4B	0	0 - 255	Controls Framing Shutter 4B from Open (DMX 0) to Full (DMX 255).
32	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°

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DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
40	Fan Control		0 - 255 0-4 05 - 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 5 =Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed * Standard mode only
41	Optical Style	0 - 30	0 - 255 31 - 60 61 - 90 91 - 120	Hybrid - full zoom range no restrictions (default) Spot Projection - 6%-100% Zoom Range No other restrictions besides zoom range Open Beam - Open Beam locked in at 2% zoom - Edge 0% (Hard Edged) - Iris 0% - Beam/Iris/edge functions not operational- Prism Fully functional Shaft - Open Beam locked in at 0% zoom-Edge 0%- Iris limited Range of 26%-100% (iris never completely leaves beam to keep hard edge)- Gobo Functionality disabled. Prism Fully functional
42	Luminaire Control	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 30 31 - 35 36 - 40 41 - 45 46 - 50 51 - 55 56 - 60 61 - 65 66 - 70 71 - 75 76 - 80 81 - 85 86 - 90 91 - 100 101 - 110 111 - 225	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) Idle (Default) Full Luminaire ReCal - Also Used to Wake fixture up from shutdown Reserved Values Reserved Values Fixture Shutdown Display - Menu ON Display - Menu OFF ReCal Position ReCal Color ReCal Gobo ReCal Beam ReCal Optics Reserved Values Reset Fixture to Defaults Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters. 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. Standard Mode - Fixture operates at maximum output (Default) Studio Mode - Reduced output with lower fan settings Side Hang Disable (Default) Side Hang Enable Reserved Values