LPL

MAC Viper Wash



Manufacturer	**LPL**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 24 channels**
Beam angle	**13.5-59°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**326 × 541 × 259 mm**
GDTF fixture type	**A91215B6-387E-4769-842A-22…**

Controls

Focus · Zoom · CMY colour mixing · Colour temperature · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions

DMX modes

Basic	18 ch
Extended	24 ch

Basic

18 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	30	0–19 Closed 20–49 Open 50–124 Strobe · Slow 0.8–5.34 Hz 125–199 Strobe · Medium 5.4–9.94 Hz 200–200 Strobe · Fast 10 Hz 201–210 Open 211–232 Strobe Random · Slow 0.8–5.19 Hz 233–254 Strobe Random · Medium 5.4–9.79 Hz 255–255 Strobe Random · Fast 10 Hz
2	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
3	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	C TO	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	No Feature1	0	
8	No Feature2	0	
9	No Feature3	0	
10	No Feature4	0	
11	No Feature5	0	
12	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
13	Focus	128	0–127 Far 128–254 Medium 255–255 Near
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt

Basic (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–9 Idle 10–14 Reset Entire Fixture (5s) 15–19 Reset Shutter/Dimmer (5s) 20–24 Reset Color Only (5s) 25–29 Reset Beam Only (5s) 30–34 Reset Pan and Tilt Only (5s) 35–39 No Function 1 40–44 Lamp On (5s) 45–49 Lamp Off (5s) 50–54 No Function 2 55–59 Enable Calibration (5s) 60–64 Linear (1s) 65–69 Square (1s) 70–74 Inverse Square (1s) 75–79 S-Curve (1s) 80–84 Normal (1s) 85–89 Fast (1s) 90–94 Smooth (1s) 95–99 Shortcuts ON 100–104 Shortcuts OFF 105–109 Off (1s) 110–114 Near Distance (1s) 115–119 Medium Distance (1s) 120–124 Far Distance (1s) 125–126 100% (1s) 127–128 90% (1s) 129–130 80% (1s) 131–132 70% (1s) 133–134 60% (1s) 135–139 Auto Blackout ON (1s) 140–144 Auto Blackout OFF (1s) 145–149 No Function 3 150–154 Control Panel Display ON (1s) 155–159 Control Panel Display OFF (1s) 160–164 No Function 4 165–169 Store Pan and Tilt Calibration (5s) 170–174 Store Dimmer Calibration (5s) 175–179 Store Cyan Calibration (5s) 180–184 Store Magenta Calibration (5s) 185–189 Store Yellow Calibration (5s) 190–194 Store CTO Calibration (5s) 195–224 Store All CMYC Calibration (5s) 225–229 Store Focus Calibration (5s) 230–234 Store Zoom Calibration (5s) 235–239 Store Pan Calibration (5s) 240–244 Store Tilt Calibration (5s) 245–249 Reset All Calibration To Factory Default (5s) 250–255 No Function 5

Extended

24 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	30	0–19 Closed 20–49 Open 50–124 Strobe · Slow 0.8–5.34 Hz 125–199 Strobe · Medium 5.4–9.94 Hz 200–200 Strobe · Fast 10 Hz 201–210 Open 211–232 Strobe Random · Slow 0.8–5.19 Hz 233–254 Strobe Random · Medium 5.4–9.79 Hz 255–255 Strobe Random · Fast 10 Hz

Extended (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	C TO	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	No Feature1	0	
9	No Feature2	0	
10	No Feature3	0	
11	No Feature4	0	
12	No Feature5	0	
13	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
14	Focus	128	0–127 Far 128–254 Medium 255–255 Near
15	Pan	128	
16	Pan Fine	0	Fine byte of Pan
17	Tilt	128	
18	Tilt Fine	0	Fine byte of Tilt

Extended (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–9 Idle 10–14 Reset Entire Fixture (5s) 15–19 Reset Shutter/Dimmer (5s) 20–24 Reset Color Only (5s) 25–29 Reset Beam Only (5s) 30–34 Reset Pan and Tilt Only (5s) 35–39 No Function 1 40–44 Lamp On (5s) 45–49 Lamp Off (5s) 50–54 No Function 2 55–59 Enable Calibration (5s) 60–64 Linear (1s) 65–69 Square (1s) 70–74 Inverse Square (1s) 75–79 S-Curve (1s) 80–84 Normal (1s) 85–89 Fast (1s) 90–94 Smooth (1s) 95–99 Shortcuts ON 100–104 Shortcuts OFF 105–109 Off (1s) 110–114 Near Distance (1s) 115–119 Medium Distance (1s) 120–124 Far Distance (1s) 125–126 100% (1s) 127–128 90% (1s) 129–130 80% (1s) 131–132 70% (1s) 133–134 60% (1s) 135–139 Auto Blackout ON (1s) 140–144 Auto Blackout OFF (1s) 145–149 No Function 3 150–154 Control Panel Display ON (1s) 155–159 Control Panel Display OFF (1s) 160–164 No Function 4 165–169 Store Pan and Tilt Calibration (5s) 170–174 Store Dimmer Calibration (5s) 175–179 Store Cyan Calibration (5s) 180–184 Store Magenta Calibration (5s) 185–189 Store Yellow Calibration (5s) 190–194 Store CTO Calibration (5s) 195–224 Store All CMYC Calibration (5s) 225–229 Store Focus Calibration (5s) 230–234 Store Zoom Calibration (5s) 235–239 Store Pan Calibration (5s) 240–244 Store Tilt Calibration (5s) 245–249 Reset All Calibration To Factory Default (5s) 250–255 No Function 5
20	No Feature6	0	
21	No Feature7	0	
22	No Feature8	0	
23	No Feature9	0	
24	No Feature10	0	