LPL

MAC Viper AirFX



Manufacturer	**LPL**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**20, 28 channels**
Beam angle	**11-58°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**326 × 541 × 259 mm**
GDTF fixture type	**BD995C18-5A8F-4FDB-AB80-98…**

Controls

Focus · Frost · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

DMX modes

Basic	20 ch
Extended	28 ch

Basic

20 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

Basic (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–7 Open (wheel slot 1) 8–22 Blue (wheel slot 2) 23–37 Green (wheel slot 3) 38–52 Orange (wheel slot 4) 53–67 Minus Green (wheel slot 5) 68–82 Deep Magenta (wheel slot 6) 83–97 Deep Blue (wheel slot 7) 98–112 Red (wheel slot 8) 113–120 Open (wheel slot 1) 121–125 Blue (wheel slot 2) 126–130 Green (wheel slot 3) 131–135 Orange (wheel slot 4) 136–140 Minus Green (wheel slot 5) 141–145 Deep Magenta (wheel slot 6) 146–150 Deep Blue (wheel slot 7) 151–155 Red (wheel slot 8) 156–160 Open (wheel slot 1) 161–179 CW Max 180–199 CW Med 200–200 CW Min 201–203 Stop 204–223 CCW Min 224–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
8	Gobo	0	0–9 Open (wheel slot 1) 10–14 Gobo 1 (wheel slot 2) 15–19 Gobo 2 (wheel slot 3) 20–24 Gobo 3 (wheel slot 4) 25–29 Gobo 4 (wheel slot 5) 30–34 Gobo 5 (wheel slot 6) 35–39 Gobo 1 (wheel slot 2) 40–44 Gobo 2 (wheel slot 3) 45–49 Gobo 3 (wheel slot 4) 50–54 Gobo 4 (wheel slot 5) 55–59 Gobo 5 (wheel slot 6) 60–89 Gobo 1 (wheel slot 2) 90–119 Gobo 2 (wheel slot 3) 120–149 Gobo 3 (wheel slot 4) 150–179 Gobo 4 (wheel slot 5) 180–209 Gobo 5 (wheel slot 6) 210–220 CW Max 221–231 CW Med 232–232 CW Min 233–243 CCW Min 244–254 CCW Med 255–255 CCW Max
9	Gobo Rotation	128	0–1 197 deg 2–10 CCW Max 11–62 180 deg 63–68 CCW Med 69–124 90 deg 125–127 CCW Min 128–185 0 deg 186–189 -90 deg 190–243 CW Med 244–251 -180 deg 252–254 CW Max 255–255 -197 deg
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Basic (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–7 Open (wheel slot 1) 8–22 Gobo 1 (wheel slot 2) 23–37 Gobo 2 (wheel slot 3) 38–52 Gobo 3 (wheel slot 4) 53–67 Gobo 4 (wheel slot 5) 68–82 Gobo 5 (wheel slot 6) 83–97 Gobo 6 (wheel slot 7) 98–112 Gobo 7 (wheel slot 8) 113–120 Open (wheel slot 1) 121–125 Gobo 1 (wheel slot 2) 126–130 Gobo 2 (wheel slot 3) 131–135 Gobo 3 (wheel slot 4) 136–140 Gobo 4 (wheel slot 5) 141–145 Gobo 5 (wheel slot 6) 146–150 Gobo 6 (wheel slot 7) 151–155 Gobo 7 (wheel slot 8) 156–160 Open (wheel slot 1) 161–179 CW Max 180–199 CW Med 200–200 CW Min 201–203 Stop 204–223 CCW Min 224–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
12	Frost1	0	0–63 Open 64–127 25% 128–191 50% 192–254 75% 255–255 Full
13	Iris	0	0–63 Open 64–127 25% 128–191 50% 192–254 75% 255–255 Closed
14	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
15	Focus	128	0–127 Far 128–254 Medium 255–255 Near
16	Pan	128	
17	Pan Fine	0	Fine byte of Pan
18	Tilt	128	
19	Tilt Fine	0	Fine byte of Tilt
20	Control1	0	

Extended

28 channels

Ch	Function	Default	DMX values

Extended (continued)

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	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

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10	Gobo Rotation	128	0–1 197 deg 2–10 CCW Max 11–62 180 deg 63–68 CCW Med 69–124 90 deg 125–127 CCW Min 128–185 0 deg 186–189 -90 deg 190–243 CW Med 244–251 -180 deg 252–254 CW Max 255–255 -197 deg
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13	Frost1	0	0–63 Open 64–127 25% 128–191 50% 192–254 75% 255–255 Full
14	Iris	0	0–63 Open 64–127 25% 128–191 50% 192–254 75% 255–255 Closed
15	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
16	Zoom Fine	0	Fine byte of Zoom
17	Focus	128	0–127 Far 128–254 Medium 255–255 Near
18	Focus Fine	0	Fine byte of Focus
19	Pan	128	
20	Pan Fine	0	Fine byte of Pan
21	Tilt	128	
22	Tilt Fine	0	Fine byte of Tilt
23	Control1	0	
24	No Feature1	0	
25	No Feature2	0	
26	No Feature3	0	
27	No Feature4	0	
28	No Feature5	0	