Event Lighting

LM250



Manufacturer	**Event Lighting**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**14, 16, 18 channels**
Beam angle	**20°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 376 × 202 mm**
GDTF fixture type	**C399DE59-076B-40B5-80A4-CF…**

Controls

Focus · Frost · Prism · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Strobe

DMX modes

14 Channel	14 ch
16 Channel	16 ch
18 Channel	18 ch

14 Channel

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color	0	0–9 Open (wheel slot 1) 10–127 Colors (wheel slot 14) 128–189 Rot CW (wheel slot 11) 190–193 Stop (wheel slot 12) 194–255 Rot CCW (wheel slot 13)
4	Gobo	0	0–9 Open (wheel slot 1) 10–69 Gobos (wheel slot 15) 70–189 Gobo Shake (wheel slot 16) 190–255 Rot CW (wheel slot 14)
5	Gobo Rot	0	0–127 Indexing 128–189 Rot CW 190–193 Stop 194–255 Rot CCW
6	Gobo 2	0	0–9 Open (wheel slot 1) 10–119 Gobos (wheel slot 25) 120–229 Gobo Shake (wheel slot 26) 230–255 Rot CW (wheel slot 24)
7	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–127 Strobe 128–191 Pulse 192–255 Random Strobe
8	Dimmer	0	0–254 Closed 255–255 Open
9	Focus	0	
10	Zoom	0	
11	Prism	0	0–5 Open (wheel slot 1) 6–127 3-Facet Prism (wheel slot 2) 128–255 Prism Rot (wheel slot 6)
12	Frost	0	0–199 Open 200–255 Frost
13	Position MSpeed	0	0–225 Fast-Slow 226–235 Blackout during Pan/Tilt 236–245 Blackout during Color/Gobo 246–255 Reserved
14	Control1	0	80–99 Reset All 100–255 Programs

16 Channel

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt

16 Channel (continued)

Ch	Function	Default	DMX values
5	Color	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 CTO (wheel slot 7) 70–79 CTB (wheel slot 8) 80–89 Pink (wheel slot 9) 90–127 Orange (wheel slot 10) 128–189 Rot CW (wheel slot 11) 190–193 Stop (wheel slot 12) 194–255 Rot CCW (wheel slot 13)
6	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake (wheel slot 8) 90–109 Gobo 2 Shake (wheel slot 9) 110–129 Gobo 3 Shake (wheel slot 10) 130–149 Gobo 4 Shake (wheel slot 11) 150–169 Gobo 5 Shake (wheel slot 12) 170–189 Gobo 6 Shake (wheel slot 13) 190–255 Rot CW (wheel slot 14)
7	Gobo Rot	0	0–127 Indexing 128–189 Rot CW 190–193 Stop 194–255 Rot CCW
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 8 (wheel slot 9) 90–99 Gobo 9 (wheel slot 10) 100–109 Gobo 10 (wheel slot 11) 110–119 Gobo 11 (wheel slot 12) 120–129 Gobo 1 Shake (wheel slot 13) 130–139 Gobo 2 Shake (wheel slot 14) 140–149 Gobo 3 Shake (wheel slot 15) 150–159 Gobo 4 Shake (wheel slot 16) 160–169 Gobo 5 Shake (wheel slot 17) 170–179 Gobo 6 Shake (wheel slot 18) 180–189 Gobo 7 Shake (wheel slot 19) 190–199 Gobo 8 Shake (wheel slot 20) 200–209 Gobo 9 Shake (wheel slot 21) 210–219 Gobo 10 Shake (wheel slot 22) 220–229 Gobo 11 Shake (wheel slot 23) 230–255 Rot CW (wheel slot 24)

16 Channel (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–95 Strobe 96–127 Open 128–159 Pulse 160–191 Open 192–223 Random Strobe 224–255 Open
10	Dimmer	0	0–254 Closed 255–255 Open
11	Focus	0	
12	Zoom	0	
13	Prism	0	0–5 Open (wheel slot 1) 6–127 3-Facet Prism (wheel slot 2) 128–189 Rot CW (wheel slot 3) 190–193 Stop (wheel slot 4) 194–255 Rot CCW (wheel slot 5)
14	Frost	0	0–199 Open 200–255 Frost
15	Position MSpeed	0	0–225 Fast-Slow 226–235 Blackout during Pan/Tilt 236–245 Blackout during Color/Gobo 246–255 Reserved
16	Control1	0	0–79 Reserved 80–84 Reset All 85–87 Reset Pan/Tilt 88–90 Reset Color 91–93 Reset Gobo 94–96 Reserved 97–99 Reset Others 100–109 Internal Program 1 110–119 Internal Program 2 120–129 Internal Program 3 130–139 Internal Program 4 140–149 Internal Program 5 150–159 Internal Program 6 160–169 Internal Program 7 170–179 Internal Program 8 180–189 Internal Sound Program 1 190–199 Internal Sound Program 2 200–209 Internal Sound Program 3 210–219 Internal Sound Program 4 220–229 Internal Sound Program 5 230–239 Internal Sound Program 6 240–249 Internal Sound Program 7 250–255 Internal Sound Program 8

18 Channel

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color	0	0–9 Open (wheel slot 1) 10–127 Colors (wheel slot 14) 128–255 Rainbow (wheel slot 15)

18 Channel (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 Open (wheel slot 1) 10–69 Gobos (wheel slot 15) 70–189 Gobo Shake (wheel slot 16) 190–255 Rot CW (wheel slot 14)
7	Gobo Rot	0	0–127 Indexing 128–255 Rotation
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–119 Gobos (wheel slot 25) 120–229 Gobo Shake (wheel slot 26) 230–255 Rot CW (wheel slot 24)
9	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–127 Strobe 128–191 Pulse 192–255 Random Strobe
10	Dimmer	0	0–254 Closed 255–255 Open
11	Focus	0	
12	Zoom	0	
13	Prism	0	0–5 Open (wheel slot 1) 6–127 3-Facet Prism (wheel slot 2) 128–255 Prism Rot (wheel slot 6)
14	Frost	0	0–199 Open 200–255 Frost
15	Position MSpeed	0	0–225 Fast-Slow 226–235 Blackout during Pan/Tilt 236–245 Blackout during Color/Gobo 246–255 Reserved
16	Control1	0	80–99 Reset All 100–255 Programs
17	Color Wheel Select MSpeed	0	
18	Gobo Wheel1MSpeed	0	