Flash

LED Moving Head 330 CMY



Manufacturer	**Flash**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**22, 27, 30 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**1A60735A-6173-4C70-86B9-6C…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · Extra LED colours · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

Basic	22 ch
Standard	27 ch
Extended	30 ch

Basic

22 channels

Ch	Function	Default	DMX values
1	Color RGBCyan	0	
2	Color RGBMagenta	0	
3	Color RGBYellow	0	
4	Color Wheel	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
5	Color Wheel 2	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
6	Color3	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
7	Shutter / Strobe	0	0–3 Closed 4–102 StrobeModeStrobe · > 1–11.9 Hz 103–103 StrobeModeStrobe · >>> 12 Hz 104–107 Open 108–206 > 207–207 >>> 208–212 Open 213–250 > 251–251 >>> 252–255 Open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Iris	0	0–191 Iris 1 192–223 IrisPulseClose 2 224–255 IrisPulseOpen 3
10	Gobo	0	0–9 Open (wheel slot 1) 10–18 Gobo 1 (wheel slot 2) 19–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Gobo 7 (wheel slot 8) 66–73 Gobo 8 (wheel slot 9) 74–81 Gobo 9 (wheel slot 10) 82–89 Gobo 10 (wheel slot 11) 90–97 Gobo 1 (wheel slot 2) 98–105 Gobo 2 (wheel slot 3) 106–113 Gobo 3 (wheel slot 4) 114–121 Gobo 4 (wheel slot 5) 122–129 Gobo 5 (wheel slot 6) 130–137 Gobo 6 (wheel slot 7) 138–145 Gobo 7 (wheel slot 8) 146–153 Gobo 8 (wheel slot 9) 154–161 Gobo 9 (wheel slot 10) 162–169 Gobo 10 (wheel slot 11) 170–204 <<< 205–220 >< 221–255 >>>

Basic (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–10 Open (wheel slot 1) 11–20 Gobo 1 (wheel slot 2) 21–30 Gobo 2 (wheel slot 3) 31–40 Gobo 3 (wheel slot 4) 41–50 Gobo 4 (wheel slot 5) 51–60 Gobo 5 (wheel slot 6) 61–70 Gobo 6 (wheel slot 7) 71–80 Gobo 7 (wheel slot 8) 81–90 Gobo 1 (wheel slot 2) 91–100 Gobo 2 (wheel slot 3) 101–110 Gobo 3 (wheel slot 4) 111–120 Gobo 4 (wheel slot 5) 121–130 Gobo 5 (wheel slot 6) 131–140 Gobo 6 (wheel slot 7) 141–150 Gobo 7 (wheel slot 8) 151–190 <<< 191–215 >< 216–255 >>>
12	Gobo Rotation 2	0	0–127 Gobo2Pos 1 128–190 <<< 191–192 >< 193–255 >>>
13	Prism	0	0–127 No prism 128–255 Prism
14	Prism Rotation	0	0–127 Prism1Pos 1 128–189 <<< 190–193 >< 194–255 >>>
15	Frost1	0	
16	Focus	0	
17	Zoom	0	
18	Pan	128	
19	Tilt	128	
20	Color Macro1	0	
21	Dummy	0	
22	Control1	0	0–20 No function 21–30 PositionReset 3 31–40 ColorWheelReset 4 41–50 GoboWheelReset 5 51–60 BeamReset 5 61–70 FixtureGlobalReset 6 71–255 No function 1

Standard

27 channels

Ch	Function	Default	DMX values
1	Color RGBCyan	0	
2	Color RGBMagenta	0	
3	Color RGBYellow	0	
4	Color Wheel	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)

Standard (continued)

Ch	Function	Default	DMX values
5	Color Wheel 2	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
6	Color3	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
7	Shutter / Strobe	255	0–3 Closed 4–102 StrobeModeStrobe · > 1–11.9 Hz 103–103 StrobeModeStrobe · >>> 12 Hz 104–107 Open 108–206 > 207–207 >>> 208–212 Open 213–250 > 251–251 >>> 252–255 Open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Iris	0	0–191 Iris 1 192–223 IrisPulseClose 2 224–255 IrisPulseOpen 3
11	Gobo	0	0–9 Open (wheel slot 1) 10–18 Gobo 1 (wheel slot 2) 19–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Gobo 7 (wheel slot 8) 66–73 Gobo 8 (wheel slot 9) 74–81 Gobo 9 (wheel slot 10) 82–89 Gobo 10 (wheel slot 11) 90–97 Gobo 1 (wheel slot 2) 98–105 Gobo 2 (wheel slot 3) 106–113 Gobo 3 (wheel slot 4) 114–121 Gobo 4 (wheel slot 5) 122–129 Gobo 5 (wheel slot 6) 130–137 Gobo 6 (wheel slot 7) 138–145 Gobo 7 (wheel slot 8) 146–153 Gobo 8 (wheel slot 9) 154–161 Gobo 9 (wheel slot 10) 162–169 Gobo 10 (wheel slot 11) 170–204 <<< 205–220 >< 221–255 >>>

Standard (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–10 Open (wheel slot 1) 11–20 Gobo 1 (wheel slot 2) 21–30 Gobo 2 (wheel slot 3) 31–40 Gobo 3 (wheel slot 4) 41–50 Gobo 4 (wheel slot 5) 51–60 Gobo 5 (wheel slot 6) 61–70 Gobo 6 (wheel slot 7) 71–80 Gobo 7 (wheel slot 8) 81–90 Gobo 1 (wheel slot 2) 91–100 Gobo 2 (wheel slot 3) 101–110 Gobo 3 (wheel slot 4) 111–120 Gobo 4 (wheel slot 5) 121–130 Gobo 5 (wheel slot 6) 131–140 Gobo 6 (wheel slot 7) 141–150 Gobo 7 (wheel slot 8) 151–190 << 191–215 > 216–255 >>>
13	Gobo Rotation 2	0	0–127 Gobo2Pos 1 128–190 << 191–192 > 193–255 >>>
14	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
15	Prism	0	0–127 No prism 128–255 Prism
16	Prism Rotation	0	0–127 Prism1Pos 1 128–189 <<< 190–193 > 194–255 >>>
17	Frost1	0	
18	Focus	0	
19	Focus Fine	0	Fine byte of Focus
20	Zoom	0	
21	Pan	128	
22	Pan Fine	0	Fine byte of Pan
23	Tilt	128	
24	Tilt Fine	0	Fine byte of Tilt
25	Color Macro1	0	
26	Dummy	0	
27	Control1	0	0–20 No function 21–30 PositionReset 3 31–40 ColorWheelReset 4 41–50 GoboWheelReset 5 51–60 BeamReset 5 61–70 FixtureGlobalReset 6 71–255 No function 1

Extended

30 channels

Ch	Function	Default	DMX values
1	Color RGBCyan	0	
2	Color RGBMagenta	0	
3	Color RGBYellow	0	

Extended (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
5	Color Wheel 2	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
6	Color3	0	0–64 Open (wheel slot 1) 65–127 Color 1 (wheel slot 2) 128–189 Color 2 (wheel slot 3) 190–254 Color 3 (wheel slot 4) 255–255 Color 4 (wheel slot 5)
7	Shutter / Strobe	255	0–3 Closed 4–102 StrobeModeStrobe · > 1–11.9 Hz 103–103 StrobeModeStrobe · >>> 12 Hz 104–107 Open 108–206 > 207–207 >>> 208–212 Open 213–250 > 251–251 >>> 252–255 Open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Iris	0	0–191 Iris 1 192–223 IrisPulseClose 2 224–255 IrisPulseOpen 3
11	Iris Fine	0	Fine byte of Iris
12	Gobo	0	0–9 Open (wheel slot 1) 10–18 Gobo 1 (wheel slot 2) 19–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Gobo 7 (wheel slot 8) 66–73 Gobo 8 (wheel slot 9) 74–81 Gobo 9 (wheel slot 10) 82–89 Gobo 10 (wheel slot 11) 90–97 Gobo 1 (wheel slot 2) 98–105 Gobo 2 (wheel slot 3) 106–113 Gobo 3 (wheel slot 4) 114–121 Gobo 4 (wheel slot 5) 122–129 Gobo 5 (wheel slot 6) 130–137 Gobo 6 (wheel slot 7) 138–145 Gobo 7 (wheel slot 8) 146–153 Gobo 8 (wheel slot 9) 154–161 Gobo 9 (wheel slot 10) 162–169 Gobo 10 (wheel slot 11) 170–204 <<< 205–220 >< 221–255 >>>

Extended (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–10 Open (wheel slot 1) 11–20 Gobo 1 (wheel slot 2) 21–30 Gobo 2 (wheel slot 3) 31–40 Gobo 3 (wheel slot 4) 41–50 Gobo 4 (wheel slot 5) 51–60 Gobo 5 (wheel slot 6) 61–70 Gobo 6 (wheel slot 7) 71–80 Gobo 7 (wheel slot 8) 81–90 Gobo 1 (wheel slot 2) 91–100 Gobo 2 (wheel slot 3) 101–110 Gobo 3 (wheel slot 4) 111–120 Gobo 4 (wheel slot 5) 121–130 Gobo 5 (wheel slot 6) 131–140 Gobo 6 (wheel slot 7) 141–150 Gobo 7 (wheel slot 8) 151–190 << 191–215 > 216–255 >>>
14	Gobo Rotation 2	0	0–127 Gobo2Pos 1 128–190 << 191–192 > 193–255 >>>
15	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
16	Prism	0	0–127 No prism 128–255 Prism
17	Prism Rotation	0	0–127 Prism1Pos 1 128–189 <<< 190–193 > 194–255 >>>
18	Prism Rotation Fine	0	Fine byte of Prism Rotation
19	Frost1	0	
20	Focus	0	
21	Focus Fine	0	Fine byte of Focus
22	Zoom	0	
23	Zoom Fine	0	Fine byte of Zoom
24	Pan	128	
25	Pan Fine	0	Fine byte of Pan
26	Tilt	128	
27	Tilt Fine	0	Fine byte of Tilt
28	Color Macro1	0	
29	Dummy	0	
30	Control1	0	0–20 No function 21–30 PositionReset 3 31–40 ColorWheelReset 4 41–50 GoboWheelReset 5 51–60 BeamReset 5 61–70 FixtureGlobalReset 6 71–255 No function 1