Flash

HYBRID 17R CMY S/W/B v3



Manufacturer	**Flash**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**32 channels**
Beam angle	**5-40°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**1D311499-2943-418A-9366-15…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

32ch 32 ch

32ch

32 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–3 Closed 4–102 Shutter1Strobe 2 · Min 1–14.9 Hz 103–103 Shutter1Strobe 2 · Max 15 Hz 104–107 Open 108–206 Shutter1StrobePulse 4 · Min 1–14.9 Hz 207–207 Shutter1StrobePulse 4 · Max 15 Hz 208–212 Open 213–250 Shutter1StrobeRandom 6 · Min 1–14.6 Hz 251–251 Shutter1StrobeRandom 6 · Max 15 Hz 252–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	0–1 No function 2–254 Min 255–255 Max
8	Color Wheel	0	0–11 Open (wheel slot 1) 12–22 Wheel Slot 2 (wheel slot 2) 23–34 Wheel Slot 3 (wheel slot 3) 35–46 Wheel Slot 4 (wheel slot 4) 47–57 Wheel Slot 5 (wheel slot 5) 58–69 Wheel Slot 6 (wheel slot 6) 70–80 Wheel Slot 7 (wheel slot 7) 81–92 Wheel Slot 8 (wheel slot 8) 93–104 Wheel Slot 9 (wheel slot 9) 105–115 Wheel Slot 10 (wheel slot 10) 116–127 Wheel Slot 11 (wheel slot 11) 128–134 Wheel Slot 2 (wheel slot 2) 135–139 Wheel Slot 3 (wheel slot 3) 140–145 Wheel Slot 4 (wheel slot 4) 146–151 Wheel Slot 5 (wheel slot 5) 152–158 Wheel Slot 6 (wheel slot 6) 159–164 Wheel Slot 7 (wheel slot 7) 165–170 Wheel Slot 8 (wheel slot 8) 171–182 Wheel Slot 9 (wheel slot 9) 183–189 Wheel Slot 10 (wheel slot 10) 190–220 Spin < 221–224 Stop spin 225–255 Spin >

32ch (continued)

Ch	Function	Default	DMX values
9	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 6 (wheel slot 7) 40–44 Gobo 7 (wheel slot 8) 45–49 Gobo 8 (wheel slot 9) 50–54 Gobo 9 (wheel slot 10) 55–59 Gobo 10 (wheel slot 11) 60–64 Gobo 11 (wheel slot 12) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–114 Gobo 10 (wheel slot 11) 115–127 Gobo 11 (wheel slot 12) 128–190 Spin < 191–192 Stop 193–255 Spin >
10	Gobo 2	0	0–4 Open (wheel slot 1) 5–19 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 1 (wheel slot 2) 90–99 Gobo 2 (wheel slot 3) 100–109 Gobo 3 (wheel slot 4) 110–119 Gobo 4 (wheel slot 5) 120–129 Gobo 5 (wheel slot 6) 130–139 Gobo 6 (wheel slot 7) 140–149 Gobo 7 (wheel slot 8) 150–199 Spin < 200–255 Spin >
11	Gobo Rotation 2	0	0–126 Min 127–127 Max 128–187 Rot < 188–195 Rot >< 196–255 Rot >
12	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
13	Gobo 3	0	0–4 Open (wheel slot 1) 5–14 Gobo 1 (wheel slot 2) 15–29 Gobo 2 (wheel slot 3) 30–44 Gobo 3 (wheel slot 4) 45–59 Gobo 4 (wheel slot 5) 60–74 Gobo 5 (wheel slot 6) 75–89 Gobo 2 (wheel slot 3) 90–104 Gobo 3 (wheel slot 4) 105–114 Gobo 4 (wheel slot 5) 115–127 Gobo 5 (wheel slot 6) 128–254 Min 255–255 Max

32ch (continued)

Ch	Function	Default	DMX values
14	Focus	128	
15	Focus Fine	128	Fine byte of Focus
16	Zoom	128	
17	Focus1Distance	0	0–31 No function 32–63 5m 64–127 7m 128–191 10m 192–255 15m
18	Prism	0	0–127 Open 128–255 Prism 1
19	Prism Rotation	0	0–126 Min 127–127 Max 128–187 Rot < 188–195 Rot >< 196–255 Rot >
20	Prism	0	0–127 Open 128–255 Prism 2
21	Prism Rotation	0	0–127 Prism2Pos 1 128–187 Rot < 188–195 Rot >< 196–255 Rot >
22	Frost1	0	0–127 off 128–255 on
23	Pan	128	
24	Pan Fine	0	Fine byte of Pan
25	Tilt	128	
26	Tilt Fine	0	Fine byte of Tilt
27	Position MSpeed	0	
28	Color Effects1	0	
29	Color Macro1	0	0–31 No function 32–255 Macro
30	Color Wheel 2	0	0–31 Open (wheel slot 1) 32–63 Color 1 (wheel slot 2) 64–95 Color 2 (wheel slot 3) 96–127 Color 3 (wheel slot 4) 128–159 Color 4 (wheel slot 5) 160–191 Color 5 (wheel slot 6) 192–223 Color 6 (wheel slot 7) 224–255 Color 7 (wheel slot 8)
31	Control2	0	0–239 No function 240–255 Reset
32	Control3	0	0–24 No function 25–100 Lamp OFF 101–255 Lamp ON