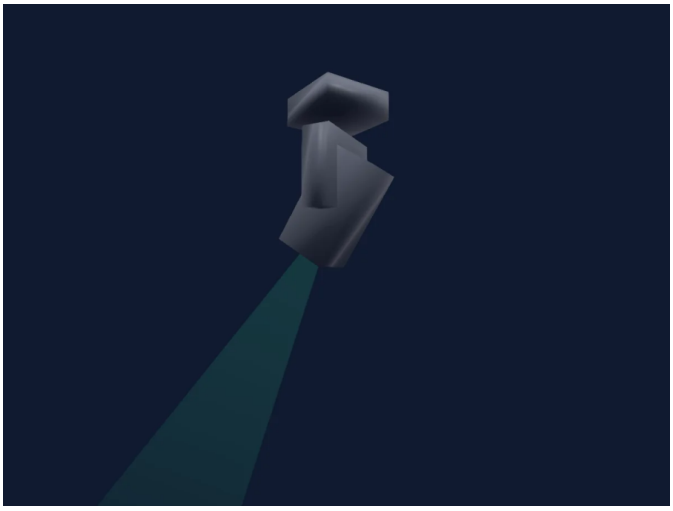
Flash

HYBRID 17R 3W1 SWB v2



Manufacturer	**Flash**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 24 channels**
Beam angle	**5-40°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**F7ABE03C-75DF-4317-BBA0-D6…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16ch	16 ch
24ch	24 ch

16ch

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Control1	0	0–29 No function 30–59 Full power 60–80 Half power 81–99 No function 100–199 Lamp off 200–205 Lamp on 206–239 No function 240–255 Reset
5	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) 116–129 Wheel Slot 11 (wheel slot 11) 130–134 Color 1 (wheel slot 2) 135–138 Color 2 (wheel slot 3) 139–143 Color 3 (wheel slot 4) 144–147 Color 4 (wheel slot 5) 148–152 Color 5 (wheel slot 6) 153–157 Color 6 (wheel slot 7) 158–161 Color 7 (wheel slot 8) 162–166 Color 8 (wheel slot 9) 167–171 Color 9 (wheel slot 10) 172–176 Color 10 (wheel slot 11) 177–180 Color 11 (wheel slot 12) 181–185 Color 12 (wheel slot 13) 186–189 Color 13 (wheel slot 14) 190–220 Spin < 221–224 Stop spin 225–255 Spin >

16ch (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–3 Open (wheel slot 1) 4–9 Gobo 1 (wheel slot 2) 10–15 Gobo 2 (wheel slot 3) 16–21 Gobo 3 (wheel slot 4) 22–27 Gobo 4 (wheel slot 5) 28–33 Gobo 5 (wheel slot 6) 34–39 Gobo 6 (wheel slot 7) 40–45 Gobo 7 (wheel slot 8) 46–51 Gobo 8 (wheel slot 9) 52–57 Gobo 9 (wheel slot 10) 58–63 Gobo 10 (wheel slot 11) 64–69 Gobo 11 (wheel slot 12) 70–75 Gobo 12 (wheel slot 13) 76–81 Gobo 13 (wheel slot 14) 82–87 Gobo 14 (wheel slot 15) 88–95 Gobo 1 (wheel slot 2) 96–103 Gobo 2 (wheel slot 3) 104–111 Gobo 3 (wheel slot 4) 112–119 Gobo 4 (wheel slot 5) 120–127 Gobo 5 (wheel slot 6) 128–135 Gobo 6 (wheel slot 7) 136–143 Gobo 7 (wheel slot 8) 144–151 Gobo 8 (wheel slot 9) 152–159 Gobo 9 (wheel slot 10) 160–167 Gobo 10 (wheel slot 11) 168–175 Gobo 11 (wheel slot 12) 176–183 Gobo 12 (wheel slot 13) 184–199 Gobo 13 (wheel slot 14) 200–201 Gobo 14 (wheel slot 15) 202–227 Spin < 228–229 Stop 230–255 Spin >
7	Gobo 2	0	0–4 Open (wheel slot 1) 5–8 Gobo 1 (wheel slot 2) 9–12 Gobo 2 (wheel slot 3) 13–16 Gobo 3 (wheel slot 4) 17–20 Gobo 4 (wheel slot 5) 21–24 Gobo 5 (wheel slot 6) 25–28 Gobo 6 (wheel slot 7) 29–32 Gobo 7 (wheel slot 8) 33–36 Gobo 8 (wheel slot 9) 37–40 Gobo 9 (wheel slot 10) 41–48 Gobo 1 (wheel slot 2) 49–56 Gobo 2 (wheel slot 3) 57–64 Gobo 3 (wheel slot 4) 65–72 Gobo 4 (wheel slot 5) 73–80 Gobo 5 (wheel slot 6) 81–88 Gobo 6 (wheel slot 7) 89–96 Gobo 7 (wheel slot 8) 97–104 Gobo 8 (wheel slot 9) 105–112 Gobo 9 (wheel slot 10) 120–185 Spin < 186–189 Stop 190–255 Spin >
8	Gobo Rotation 2	0	0–126 Min 127–127 Max 128–190 Rot < 191–192 Rot >< 193–255 Rot >

16ch (continued)

Ch	Function	Default	DMX values
9	Prism	0	0–63 Open (wheel slot 1) 64–127 Prism 1 (wheel slot 2) 128–191 Prism 2 (wheel slot 3) 192–255 Prism 1+2
10	Prism Rotation	0	0–126 Min 127–127 Max 128–190 Rot < 191–192 Rot >< 193–255 Rot >
11	Prism Rotation	0	0–127 Prism2Pos 1 128–190 Rot < 191–192 Stop 193–255 Rot >
12	Frost1	0	0–127 Open 128–255 Frost
13	Zoom	128	
14	Focus	128	
15	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
16	Dimmer	0	0–254 Closed 255–255 Open

24ch

24 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	Position MSpeed	0	
6	Control1	0	0–29 No function 30–59 Full power 60–80 Half power 81–99 No function 100–199 Lamp off 200–205 Lamp on 206–239 No function 240–255 Reset

24ch (continued)

Ch	Function	Default	DMX values
7	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) 116–129 Wheel Slot 11 (wheel slot 11) 130–134 Color 1 (wheel slot 2) 135–138 Color 2 (wheel slot 3) 139–143 Color 3 (wheel slot 4) 144–147 Color 4 (wheel slot 5) 148–152 Color 5 (wheel slot 6) 153–157 Color 6 (wheel slot 7) 158–161 Color 7 (wheel slot 8) 162–166 Color 8 (wheel slot 9) 167–171 Color 9 (wheel slot 10) 172–176 Color 10 (wheel slot 11) 177–180 Color 11 (wheel slot 12) 181–185 Color 12 (wheel slot 13) 186–189 Color 13 (wheel slot 14) 190–220 Spin < 221–224 Stop spin 225–255 Spin >
8	Color Wheel Fine	0	Fine byte of Color Wheel
9	Gobo	0	0–3 Open (wheel slot 1) 4–9 Gobo 1 (wheel slot 2) 10–15 Gobo 2 (wheel slot 3) 16–21 Gobo 3 (wheel slot 4) 22–27 Gobo 4 (wheel slot 5) 28–33 Gobo 5 (wheel slot 6) 34–39 Gobo 6 (wheel slot 7) 40–45 Gobo 7 (wheel slot 8) 46–51 Gobo 8 (wheel slot 9) 52–57 Gobo 9 (wheel slot 10) 58–63 Gobo 10 (wheel slot 11) 64–69 Gobo 11 (wheel slot 12) 70–75 Gobo 12 (wheel slot 13) 76–81 Gobo 13 (wheel slot 14) 82–87 Gobo 14 (wheel slot 15) 88–95 Gobo 1 (wheel slot 2) 96–103 Gobo 2 (wheel slot 3) 104–111 Gobo 3 (wheel slot 4) 112–119 Gobo 4 (wheel slot 5) 120–127 Gobo 5 (wheel slot 6) 128–135 Gobo 6 (wheel slot 7) 136–143 Gobo 7 (wheel slot 8) 144–151 Gobo 8 (wheel slot 9) 152–159 Gobo 9 (wheel slot 10) 160–167 Gobo 10 (wheel slot 11) 168–175 Gobo 11 (wheel slot 12) 176–183 Gobo 12 (wheel slot 13) 184–199 Gobo 13 (wheel slot 14) 200–201 Gobo 14 (wheel slot 15) 202–227 Spin < 228–229 Stop 230–255 Spin >

24ch (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–4 Open (wheel slot 1) 5–8 Gobo 1 (wheel slot 2) 9–12 Gobo 2 (wheel slot 3) 13–16 Gobo 3 (wheel slot 4) 17–20 Gobo 4 (wheel slot 5) 21–24 Gobo 5 (wheel slot 6) 25–28 Gobo 6 (wheel slot 7) 29–32 Gobo 7 (wheel slot 8) 33–36 Gobo 8 (wheel slot 9) 37–40 Gobo 9 (wheel slot 10) 41–48 Gobo 1 (wheel slot 2) 49–56 Gobo 2 (wheel slot 3) 57–64 Gobo 3 (wheel slot 4) 65–72 Gobo 4 (wheel slot 5) 73–80 Gobo 5 (wheel slot 6) 81–88 Gobo 6 (wheel slot 7) 89–96 Gobo 7 (wheel slot 8) 97–104 Gobo 8 (wheel slot 9) 105–112 Gobo 9 (wheel slot 10) 120–185 Spin < 186–189 Stop 190–255 Spin >
11	Gobo Rotation 2	0	0–126 Min 127–127 Max 128–190 Rot < 191–192 Rot >< 193–255 Rot >
12	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
13	Prism	0	0–63 Open (wheel slot 1) 64–127 Prism 1 (wheel slot 2) 128–191 Prism 2 (wheel slot 3) 192–255 Prism 1+2
14	Prism Rotation	0	0–126 Min 127–127 Max 128–190 Rot < 191–192 Rot >< 193–255 Rot >
15	Prism Rotation	0	0–127 Prism2Pos 1 128–190 Rot < 191–192 Stop 193–255 Rot >
16	Frost1	0	0–127 Open 128–255 Frost
17	Zoom	128	
18	Zoom Fine	128	Fine byte of Zoom
19	Focus	128	
20	Focus Fine	128	Fine byte of Focus
21	Dummy	0	
22	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

24ch (continued)

Ch	Function	Default	DMX values
23	Dimmer	0	0–254 Closed 255–255 Open
24	Dimmer Fine	0	Fine byte of Dimmer