Flash

EVENT MH-SOLO200



Manufacturer	**Flash**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**22, 24, 32 channels**
Beam angle	**2.5-14°**
Pan range	**630°**
Tilt range	**220°**
Heads / cells	**3**
Size (W × H × D)	**160 × 210 × 160 mm**
GDTF fixture type	**A1540E62-A1C9-4025-BE76-07…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

22ch	22 ch
24ch	24 ch
32ch	32 ch

22ch

22 channels

Ch	Function	Default	DMX values
1	Pan	145	
2	Tilt	128	
3	Color Wheel	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Light blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 Blue (wheel slot 7) 70–79 Orange (wheel slot 8) 80–89 CTO (wheel slot 9) 90–127 CTB (wheel slot 10) 128–189 spin CW 190–193 spin stop 194–255 spin CCW
4	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) 70–79 Gobo 7 (wheel slot 8) 80–99 Gobo 1 shake (wheel slot 2) 100–119 Gobo 2 shake (wheel slot 3) 120–139 Gobo 3 shake (wheel slot 4) 140–159 Gobo 4 shake (wheel slot 5) 160–179 Gobo 5 shake (wheel slot 6) 180–199 Gobo 6 shake (wheel slot 7) 200–219 Gobo 7 shake (wheel slot 8) 220–254 spin slow 255–255 spin fast
5	Gobo Rotation	129	0–3 Gobo1Pos 1 4–127 << 128–131 > 132–255 >>>

22ch (continued)

Ch	Function	Default	DMX values
6	Gobo 2	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–80 Gobo 8 (wheel slot 9) 81–89 Gobo 9 (wheel slot 10) 90–98 Gobo 10 (wheel slot 11) 99–107 Gobo 11 (wheel slot 12) 108–116 Gobo 12 (wheel slot 13) 117–125 Gobo 1 shake (wheel slot 2) 126–134 Gobo 2 shake (wheel slot 3) 135–143 Gobo 3 shake (wheel slot 4) 144–152 Gobo 4 shake (wheel slot 5) 153–161 Gobo 5 shake (wheel slot 6) 162–170 Gobo 6 shake (wheel slot 7) 171–179 Gobo 7 shake (wheel slot 8) 180–188 Gobo 8 shake (wheel slot 9) 189–197 Gobo 9 shake (wheel slot 10) 198–206 Gobo 10 shake (wheel slot 11) 207–215 Gobo 11 shake (wheel slot 12) 216–224 Gobo 12 shake (wheel slot 13) 225–254 spin slow 255–255 spin fast
7	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–94 StrobeModeStrobe 2 · str > 1–19.4 Hz 95–95 StrobeModeStrobe 2 · str >>> 20 Hz 96–127 Open 128–159 pulse 160–191 Open 192–223 Shutter1StrobeRandom 6 · rnd 1–20 Hz 224–255 Open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Focus	127	
10	Zoom	127	
11	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 <<< 190–193 >< 194–255 >>>
12	Frost1	0	0–199 Open 200–255 Frost
13	Position MSpeed	0	0–224 fast 225–225 slow 226–235 B/O on movement 236–245 B/O on all functions 246–255 NoFeature 1

22ch (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–19 No function 20–20 Fan auto 21–38 Fan slow-fast 39–39 Fan slowest 80–84 Total reset 85–87 P/T reset 88–90 Color reset 91–93 Gobo reset 94–96 NoFeature 1 97–99 Beam reset 100–108 Program 1 109–117 Program 2 118–126 Program 3 127–135 Program 4 136–144 Program 5 145–153 Program 6 154–162 Program 7 163–171 Program 8 172–180 Program 9 181–189 Sound program 1 190–198 Sound program 2 199–207 Sound program 3 208–216 Sound program 4 217–225 Sound program 5 226–234 Sound program 6 235–243 Sound program 7 244–252 Sound program 8 253–255 Sound program 9
15	Dimmer	0	
16	Shutter / Strobe	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Color Effects1	0	
21	Gobo 3	0	0–15 Open (wheel slot 1) 16–29 Shape 1 (wheel slot 2) 30–43 Shape 2 (wheel slot 3) 44–57 Shape 3 (wheel slot 4) 58–71 Shape 4 (wheel slot 5) 72–85 Shape 5 (wheel slot 6) 86–99 Shape 6 (wheel slot 7) 100–113 Shape 7 (wheel slot 8) 114–127 Shape 8 (wheel slot 9) 128–143 Shape 9 (wheel slot 10) 144–155 Shape 10 (wheel slot 11) 156–169 Shape 11 (wheel slot 12) 170–183 Shape 12 (wheel slot 13) 184–197 Shape 13 (wheel slot 14) 198–211 Shape 14 (wheel slot 15) 212–225 Shape 15 (wheel slot 16) 226–239 Shape 16 (wheel slot 17) 240–255 Shape 17 (wheel slot 18)
22	Gobo Rotation	0	

24ch

24 channels

Ch	Function	Default	DMX values
1	Pan	145	
2	Pan Fine	228	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Light blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 Blue (wheel slot 7) 70–79 Orange (wheel slot 8) 80–89 CTO (wheel slot 9) 90–127 CTB (wheel slot 10) 128–189 spin CW 190–193 spin stop 194–255 spin CCW
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) 70–79 Gobo 7 (wheel slot 8) 80–99 Gobo 1 shake (wheel slot 2) 100–119 Gobo 2 shake (wheel slot 3) 120–139 Gobo 3 shake (wheel slot 4) 140–159 Gobo 4 shake (wheel slot 5) 160–179 Gobo 5 shake (wheel slot 6) 180–199 Gobo 6 shake (wheel slot 7) 200–219 Gobo 7 shake (wheel slot 8) 220–254 spin slow 255–255 spin fast
7	Gobo Rotation	129	0–3 Gobo1Pos 1 4–127 << 128–131 > 132–255 >>>

24ch (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–80 Gobo 8 (wheel slot 9) 81–89 Gobo 9 (wheel slot 10) 90–98 Gobo 10 (wheel slot 11) 99–107 Gobo 11 (wheel slot 12) 108–116 Gobo 12 (wheel slot 13) 117–125 Gobo 1 shake (wheel slot 2) 126–134 Gobo 2 shake (wheel slot 3) 135–143 Gobo 3 shake (wheel slot 4) 144–152 Gobo 4 shake (wheel slot 5) 153–161 Gobo 5 shake (wheel slot 6) 162–170 Gobo 6 shake (wheel slot 7) 171–179 Gobo 7 shake (wheel slot 8) 180–188 Gobo 8 shake (wheel slot 9) 189–197 Gobo 9 shake (wheel slot 10) 198–206 Gobo 10 shake (wheel slot 11) 207–215 Gobo 11 shake (wheel slot 12) 216–224 Gobo 12 shake (wheel slot 13) 225–254 spin slow 255–255 spin fast
9	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–94 StrobeModeStrobe 2 · str > 1–19.4 Hz 95–95 StrobeModeStrobe 2 · str >>> 20 Hz 96–127 Open 128–159 pulse 160–191 Open 192–223 Shutter1StrobeRandom 6 · rnd 1–20 Hz 224–255 Open
10	Dimmer	0	0–254 Closed 255–255 Open
11	Focus	127	
12	Zoom	127	
13	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 <<< 190–193 >< 194–255 >>>
14	Frost1	0	0–199 Open 200–255 Frost
15	Position MSpeed	0	0–224 fast 225–225 slow 226–235 B/O on movement 236–245 B/O on all functions 246–255 NoFeature 1

24ch (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–19 No function 20–20 Fan auto 21–38 Fan slow-fast 39–39 Fan slowest 80–84 Total reset 85–87 P/T reset 88–90 Color reset 91–93 Gobo reset 94–96 NoFeature 1 97–99 Beam reset 100–108 Program 1 109–117 Program 2 118–126 Program 3 127–135 Program 4 136–144 Program 5 145–153 Program 6 154–162 Program 7 163–171 Program 8 172–180 Program 9 181–189 Sound program 1 190–198 Sound program 2 199–207 Sound program 3 208–216 Sound program 4 217–225 Sound program 5 226–234 Sound program 6 235–243 Sound program 7 244–252 Sound program 8 253–255 Sound program 9
17	Dimmer	0	
18	Shutter / Strobe	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Color Effects1	0	
23	Gobo 3	0	0–15 Open (wheel slot 1) 16–29 Shape 1 (wheel slot 2) 30–43 Shape 2 (wheel slot 3) 44–57 Shape 3 (wheel slot 4) 58–71 Shape 4 (wheel slot 5) 72–85 Shape 5 (wheel slot 6) 86–99 Shape 6 (wheel slot 7) 100–113 Shape 7 (wheel slot 8) 114–127 Shape 8 (wheel slot 9) 128–143 Shape 9 (wheel slot 10) 144–155 Shape 10 (wheel slot 11) 156–169 Shape 11 (wheel slot 12) 170–183 Shape 12 (wheel slot 13) 184–197 Shape 13 (wheel slot 14) 198–211 Shape 14 (wheel slot 15) 212–225 Shape 15 (wheel slot 16) 226–239 Shape 16 (wheel slot 17) 240–255 Shape 17 (wheel slot 18)
24	Gobo Rotation	0	

32ch

32 channels

Ch	Function	Default	DMX values
1	Pan	145	
2	Pan Fine	228	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Light blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Yellow (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 Blue (wheel slot 7) 70–79 Orange (wheel slot 8) 80–89 CTO (wheel slot 9) 90–127 CTB (wheel slot 10) 128–189 spin CW 190–193 spin stop 194–255 spin CCW
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) 70–79 Gobo 7 (wheel slot 8) 80–99 Gobo 1 shake (wheel slot 2) 100–119 Gobo 2 shake (wheel slot 3) 120–139 Gobo 3 shake (wheel slot 4) 140–159 Gobo 4 shake (wheel slot 5) 160–179 Gobo 5 shake (wheel slot 6) 180–199 Gobo 6 shake (wheel slot 7) 200–219 Gobo 7 shake (wheel slot 8) 220–254 spin slow 255–255 spin fast
7	Gobo Rotation	129	0–3 Gobo1Pos 1 4–127 << 128–131 > 132–255 >>>

32ch (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–80 Gobo 8 (wheel slot 9) 81–89 Gobo 9 (wheel slot 10) 90–98 Gobo 10 (wheel slot 11) 99–107 Gobo 11 (wheel slot 12) 108–116 Gobo 12 (wheel slot 13) 117–125 Gobo 1 shake (wheel slot 2) 126–134 Gobo 2 shake (wheel slot 3) 135–143 Gobo 3 shake (wheel slot 4) 144–152 Gobo 4 shake (wheel slot 5) 153–161 Gobo 5 shake (wheel slot 6) 162–170 Gobo 6 shake (wheel slot 7) 171–179 Gobo 7 shake (wheel slot 8) 180–188 Gobo 8 shake (wheel slot 9) 189–197 Gobo 9 shake (wheel slot 10) 198–206 Gobo 10 shake (wheel slot 11) 207–215 Gobo 11 shake (wheel slot 12) 216–224 Gobo 12 shake (wheel slot 13) 225–254 spin slow 255–255 spin fast
9	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–94 StrobeModeStrobe 2 · str > 1–19.4 Hz 95–95 StrobeModeStrobe 2 · str >>> 20 Hz 96–127 Open 128–159 pulse 160–191 Open 192–223 Shutter1StrobeRandom 6 · rnd 1–20 Hz 224–255 Open
10	Dimmer	0	0–254 Closed 255–255 Open
11	Focus	127	
12	Zoom	127	
13	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 <<< 190–193 >< 194–255 >>>
14	Frost1	0	0–199 Open 200–255 Frost
15	Position MSpeed	0	0–224 fast 225–225 slow 226–235 B/O on movement 236–245 B/O on all functions 246–255 NoFeature 1

32ch (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–19 No function 20–20 Fan auto 21–38 Fan slow-fast 39–39 Fan slowest 80–84 Total reset 85–87 P/T reset 88–90 Color reset 91–93 Gobo reset 94–96 NoFeature 1 97–99 Beam reset 100–108 Program 1 109–117 Program 2 118–126 Program 3 127–135 Program 4 136–144 Program 5 145–153 Program 6 154–162 Program 7 163–171 Program 8 172–180 Program 9 181–189 Sound program 1 190–198 Sound program 2 199–207 Sound program 3 208–216 Sound program 4 217–225 Sound program 5 226–234 Sound program 6 235–243 Sound program 7 244–252 Sound program 8 253–255 Sound program 9
17	Color Wheel Select MSpeed	0	
18	Gobo Wheel1MSpeed	0	
19	Dimmer	0	
20	Shutter / Strobe	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Effects1	0	
25	Color Macro1	0	0–15 Open (wheel slot 1) 16–29 Shape 1 (wheel slot 2) 30–43 Shape 2 (wheel slot 3) 44–57 Shape 3 (wheel slot 4) 58–71 Shape 4 (wheel slot 5) 72–85 Shape 5 (wheel slot 6) 86–99 Shape 6 (wheel slot 7) 100–113 Shape 7 (wheel slot 8) 114–127 Shape 8 (wheel slot 9) 128–143 Shape 9 (wheel slot 10) 144–155 Shape 10 (wheel slot 11) 156–169 Shape 11 (wheel slot 12) 170–183 Shape 12 (wheel slot 13) 184–197 Shape 13 (wheel slot 14) 198–211 Shape 14 (wheel slot 15) 212–225 Shape 15 (wheel slot 16) 226–239 Shape 16 (wheel slot 17) 240–255 Shape 17 (wheel slot 18)
26	Gobo Rotation 3	0	

32ch (continued)

Ch	Function	Default	DMX values
27	Gobo 3	0	0–15 Open (wheel slot 1) 16–29 Shape 1 (wheel slot 2) 30–43 Shape 2 (wheel slot 3) 44–57 Shape 3 (wheel slot 4) 58–71 Shape 4 (wheel slot 5) 72–85 Shape 5 (wheel slot 6) 86–99 Shape 6 (wheel slot 7) 100–113 Shape 7 (wheel slot 8) 114–127 Shape 8 (wheel slot 9) 128–143 Shape 9 (wheel slot 10) 144–155 Shape 10 (wheel slot 11) 156–169 Shape 11 (wheel slot 12) 170–183 Shape 12 (wheel slot 13) 184–197 Shape 13 (wheel slot 14) 198–211 Shape 14 (wheel slot 15) 212–225 Shape 15 (wheel slot 16) 226–239 Shape 16 (wheel slot 17) 240–255 Shape 17 (wheel slot 18)
28	Dimmer Foreground	255	
29	Dimmer	255	
30	Red	255	
31	Green	255	
32	Blue	255	