Flash

EVENT Moving Head 17R 350W 3w1 (F7100531)



Manufacturer	**Flash**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 24 channels**
Beam angle	**2.5-10°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 376 × 202 mm**
GDTF fixture type	**01ACE5C9-7F00-4B76-8F8C-FE…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

16 ch mode	16 ch
24 ch mode	24 ch

16 ch mode

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Time from min to Max Speed from max to min 255–255 Min Speed Mode
4	Control1	0	0–29 No function 30–59 Lamp ON full power 60–99 Lamp ON half power 100–199 Lamp OFF 200–239 Lamp ON 240–255 RESET
5	Color Wheel	0	0–129 Color1 130–134 Deep Red - Indexing (wheel slot 2) 135–138 Deep Blue - Indexing (wheel slot 3) 139–143 Yellow - Indexing (wheel slot 4) 144–147 Green - Indexing (wheel slot 5) 148–152 Magenta - Indexing (wheel slot 6) 153–157 Azure - Indexing (wheel slot 7) 158–161 Red - Indexing (wheel slot 8) 162–166 Dark green - Indexing (wheel slot 9) 167–171 Amber - Indexing (wheel slot 10) 172–176 Blue - Indexing (wheel slot 11) 177–180 Orange - Indexing (wheel slot 12) 181–185 CTO - Indexing (wheel slot 13) 186–189 UV (Kongo blue) - Indexing (wheel slot 14) 190–191 Fast to slow 1/9 192–194 Fast to slow 2/9 195–197 Fast to slow 3/9 198–201 Fast to slow 4/9 202–204 Fast to slow 5/9 205–206 Fast to slow 6/9 207–209 Fast to slow 7/9 210–211 Fast to slow 8/9 212–215 Fast to slow 9/9 216–217 No rotation middle 218–220 Slow to fast 1/9 221–222 Slow to fast 2/9 223–225 Slow to fast 3/9 226–227 Slow to fast 4/9 228–231 Slow to fast 5/9 232–234 Slow to fast 6/9 235–237 Slow to fast 7/9 238–240 Slow to fast 8/9 241–243 Slow to fast 9/9 244–249 Random colour selection by audio control 250–254 fast 255–255 slow

16 ch mode (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–3 Open/Hole (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 Beam reducer 1 (wheel slot 12) 70–75 Beam reducer 2 (wheel slot 13) 76–81 Beam reducer 3 (wheel slot 14) 82–87 Beam reducer 4 (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 Beam reducer 1 (wheel slot 12) 176–183 Beam reducer 2 (wheel slot 13) 184–191 Beam reducer 3 (wheel slot 14) 192–199 Beam reducer 4 (wheel slot 15) 200–201 Open/hole (wheel slot 1) 202–202 Fast to slow 1/8 203–205 Fast to slow 2/8 206–209 Fast to slow 3/8 210–212 Fast to slow 4/8 213–214 Fast to slow 5/8 215–216 Fast to slow 6/8 217–218 Fast to slow 7/8 219–221 Fast to slow 8/8 222–223 No rotation middle 224–226 Slow to fast 1/8 227–228 Slow to fast 2/8 229–230 Slow to fast 3/8 231–232 Slow to fast 4/8 233–235 Slow to fast 5/8 236–239 Slow to fast 6/8 240–242 Slow to fast 7/8 243–243 Slow to fast 8/8 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

16 ch mode (continued)

Ch	Function	Default	DMX values
7	Gobo 2	0	0–0 Open/Hole (wheel slot 1) 1–4 Hole (flat field) (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–13 Gobo 3 (wheel slot 4) 14–16 Gobo 4 (wheel slot 5) 17–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–25 Gobo 7 (wheel slot 8) 26–28 Gobo 8 (wheel slot 9) 29–31 Gobo 9 (wheel slot 10) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–52 Gobo 7 - Rotation (wheel slot 8) 53–55 Gobo 8 - Rotation (wheel slot 9) 56–59 Gobo 9 - Rotation (wheel slot 10) 60–67 Gobo 1 - Shaking Index (wheel slot 1) 68–75 Gobo 2 - Shaking Index (wheel slot 2) 76–83 Gobo 3 - Shaking Index (wheel slot 3) 84–91 Gobo 4 - Shaking Index (wheel slot 4) 92–99 Gobo 5 - Shaking Index (wheel slot 5) 100–107 Gobo 6 - Shaking Index (wheel slot 6) 108–115 Gobo 7 - Shaking Index (wheel slot 7) 116–123 Gobo 8 - Shaking Index (wheel slot 8) 124–129 Gobo 9 - Shaking Index (wheel slot 9) 130–137 Gobo 1 - Shaking Rotation (wheel slot 1) 138–145 Gobo 2 - Shaking Rotation (wheel slot 2) 146–153 Gobo 3 - Shaking Rotation (wheel slot 3) 154–161 Gobo 4 - Shaking Rotation (wheel slot 4) 162–169 Gobo 5 - Shaking Rotation (wheel slot 5) 170–177 Gobo 6 - Shaking Rotation (wheel slot 6) 178–185 Gobo 7 - Shaking Rotation (wheel slot 7) 186–193 Gobo 8 - Shaking Rotation (wheel slot 8) 194–199 Gobo 9 - Shaking Rotation (wheel slot 9) 200–201 Open/Hole 202–202 Fast to slow 1/9 203–207 Fast to slow 2/9 208–211 Fast to slow 3/9 212–215 Fast to slow 4/9 216–216 Fast to slow 5/9 217–218 Fast to slow 6/9 219–219 Fast to slow 7/9 220–220 Fast to slow 8/9 221–222 Fast to slow 9/9 223–224 Slow to fast 1/9 225–225 Slow to fast 2/9 226–226 Slow to fast 3/9 227–228 Slow to fast 4/9 229–229 Slow to fast 5/9 230–233 Slow to fast 6/9 234–237 Slow to fast 7/9 238–242 Slow to fast 8/9 243–243 Slow to fast 9/9 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

16 ch mode (continued)

Ch	Function	Default	DMX values
8	Gobo Rotation 2	128	0–0 min 1–24 Fast to slow 100% 25–49 Fast to slow 80% 50–74 Fast to slow 60% 75–99 Fast to slow 40% 100–119 Fast to slow 20% 120–123 Fast to slow 10% 124–127 Fast to slow 5% 128–128 center 129–132 Slow to fast 5% 133–136 Slow to fast 10% 137–156 Slow to fast 20% 157–181 Slow to fast 40% 182–206 Slow to fast 60% 207–231 Slow to fast 80% 232–254 Slow to fast 100% 255–255 max
9	Prism	0	0–63 No prism 64–127 Prism 1 128–191 Prism 2 192–255 Prism 1+2
10	Prism Rotation	0	0–127 PrismPos 1 128–190 Prism < 191–192 Prism >< 193–255 Prism >
11	Prism Rotation	0	0–127 PrismPos 2 128–190 Prism < 191–192 Prism >< 193–255 Prism >
12	Frost1	0	0–127 Open 128–255 100% Frost
13	Zoom	128	
14	Focus	128	
15	Shutter / Strobe	255	0–3 Closed 4–103 Strobe 104–107 open 108–207 StrobePulseOpen 208–212 open 213–251 StrobeRandom 252–255 open
16	Dimmer	0	0–254 Closed 255–255 Open

24 ch mode

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	0–0 Standard mode 1–1 Max Speed Mode 2–254 Time from min to Max Speed from max to min 255–255 Min Speed Mode

24 ch mode (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–29 No function 30–59 Lamp ON full power 60–99 Lamp ON half power 100–199 Lamp OFF 200–239 Lamp ON 240–255 RESET
7	Color Wheel	0	0–3 Open/White - Positioning (wheel slot 1) 4–12 Deep Red - Positioning (wheel slot 2) 13–21 Deep Blue - Positioning (wheel slot 3) 22–31 Yellow - Positioning (wheel slot 4) 32–40 Green - Positioning (wheel slot 5) 41–49 Magenta - Positioning (wheel slot 6) 50–58 Azure - Positioning (wheel slot 7) 59–67 Red - Positioning (wheel slot 8) 68–76 Dark green - Positioning (wheel slot 9) 77–85 Amber - Positioning (wheel slot 10) 86–95 Blue - Positioning (wheel slot 11) 96–104 Orange - Positioning (wheel slot 12) 105–113 CTO - Positioning (wheel slot 13) 114–123 UV (Kongo blue) - Positioning (wheel slot 14) 124–127 Open/White - Positioning (wheel slot 1) 128–129 Open/White (1) - Positioning (wheel slot 1) 130–134 Deep Red - Indexing (wheel slot 2) 135–138 Deep Blue - Indexing (wheel slot 3) 139–143 Yellow - Indexing (wheel slot 4) 144–147 Green - Indexing (wheel slot 5) 148–152 Magenta - Indexing (wheel slot 6) 153–157 Azure - Indexing (wheel slot 7) 158–161 Red - Indexing (wheel slot 8) 162–166 Dark green - Indexing (wheel slot 9) 167–171 Amber - Indexing (wheel slot 10) 172–176 Blue - Indexing (wheel slot 11) 177–180 Orange - Indexing (wheel slot 12) 181–185 CTO - Indexing (wheel slot 13) 186–189 UV (Kongo blue) - Indexing (wheel slot 14) 190–191 Fast to slow 1/9 192–194 Fast to slow 2/9 195–197 Fast to slow 3/9 198–201 Fast to slow 4/9 202–204 Fast to slow 5/9 205–206 Fast to slow 6/9 207–209 Fast to slow 7/9 210–211 Fast to slow 8/9 212–215 Fast to slow 9/9 216–217 No rotation middle 218–220 Slow to fast 1/9 221–222 Slow to fast 2/9 223–225 Slow to fast 3/9 226–227 Slow to fast 4/9 228–231 Slow to fast 5/9 232–234 Slow to fast 6/9 235–237 Slow to fast 7/9 238–240 Slow to fast 8/9 241–243 Slow to fast 9/9 244–249 Random colour selection by audio control 250–254 fast 255–255 slow
8	Color Wheel Fine	0	Fine byte of Color Wheel

24 ch mode (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–3 Open/Hole (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 Beam reducer 1 (wheel slot 12) 70–75 Beam reducer 2 (wheel slot 13) 76–81 Beam reducer 3 (wheel slot 14) 82–87 Beam reducer 4 (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 Beam reducer 1 (wheel slot 12) 176–183 Beam reducer 2 (wheel slot 13) 184–191 Beam reducer 3 (wheel slot 14) 192–199 Beam reducer 4 (wheel slot 15) 200–201 Open/hole (wheel slot 1) 202–202 Fast to slow 1/8 203–205 Fast to slow 2/8 206–209 Fast to slow 3/8 210–212 Fast to slow 4/8 213–214 Fast to slow 5/8 215–216 Fast to slow 6/8 217–218 Fast to slow 7/8 219–221 Fast to slow 8/8 222–223 No rotation middle 224–226 Slow to fast 1/8 227–228 Slow to fast 2/8 229–230 Slow to fast 3/8 231–232 Slow to fast 4/8 233–235 Slow to fast 5/8 236–239 Slow to fast 6/8 240–242 Slow to fast 7/8 243–243 Slow to fast 8/8 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

24 ch mode (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–0 Open/Hole (wheel slot 1) 1–4 Hole (flat field) (wheel slot 1) 5–7 Gobo 1 (wheel slot 2) 8–10 Gobo 2 (wheel slot 3) 11–13 Gobo 3 (wheel slot 4) 14–16 Gobo 4 (wheel slot 5) 17–19 Gobo 5 (wheel slot 6) 20–22 Gobo 6 (wheel slot 7) 23–25 Gobo 7 (wheel slot 8) 26–28 Gobo 8 (wheel slot 9) 29–31 Gobo 9 (wheel slot 10) 32–34 Gobo 1 - Rotation (wheel slot 2) 35–37 Gobo 2 - Rotation (wheel slot 3) 38–40 Gobo 3 - Rotation (wheel slot 4) 41–43 Gobo 4 - Rotation (wheel slot 5) 44–46 Gobo 5 - Rotation (wheel slot 6) 47–49 Gobo 6 - Rotation (wheel slot 7) 50–52 Gobo 7 - Rotation (wheel slot 8) 53–55 Gobo 8 - Rotation (wheel slot 9) 56–59 Gobo 9 - Rotation (wheel slot 10) 60–67 Gobo 1 - Shaking Index (wheel slot 1) 68–75 Gobo 2 - Shaking Index (wheel slot 2) 76–83 Gobo 3 - Shaking Index (wheel slot 3) 84–91 Gobo 4 - Shaking Index (wheel slot 4) 92–99 Gobo 5 - Shaking Index (wheel slot 5) 100–107 Gobo 6 - Shaking Index (wheel slot 6) 108–115 Gobo 7 - Shaking Index (wheel slot 7) 116–123 Gobo 8 - Shaking Index (wheel slot 8) 124–129 Gobo 9 - Shaking Index (wheel slot 9) 130–137 Gobo 1 - Shaking Rotation (wheel slot 1) 138–145 Gobo 2 - Shaking Rotation (wheel slot 2) 146–153 Gobo 3 - Shaking Rotation (wheel slot 3) 154–161 Gobo 4 - Shaking Rotation (wheel slot 4) 162–169 Gobo 5 - Shaking Rotation (wheel slot 5) 170–177 Gobo 6 - Shaking Rotation (wheel slot 6) 178–185 Gobo 7 - Shaking Rotation (wheel slot 7) 186–193 Gobo 8 - Shaking Rotation (wheel slot 8) 194–199 Gobo 9 - Shaking Rotation (wheel slot 9) 200–201 Open/Hole 202–202 Fast to slow 1/9 203–207 Fast to slow 2/9 208–211 Fast to slow 3/9 212–215 Fast to slow 4/9 216–216 Fast to slow 5/9 217–218 Fast to slow 6/9 219–219 Fast to slow 7/9 220–220 Fast to slow 8/9 221–222 Fast to slow 9/9 223–224 Slow to fast 1/9 225–225 Slow to fast 2/9 226–226 Slow to fast 3/9 227–228 Slow to fast 4/9 229–229 Slow to fast 5/9 230–233 Slow to fast 6/9 234–237 Slow to fast 7/9 238–242 Slow to fast 8/9 243–243 Slow to fast 9/9 244–249 Random gobo selection by audio control 250–250 Auto random gobo selection fast 251–254 Auto random gobo selection from fast to slow 255–255 Auto random gobo selection slow

24 ch mode (continued)

Ch	Function	Default	DMX values
11	Gobo Rotation 2	128	0–0 min 1–24 Fast to slow 100% 25–49 Fast to slow 80% 50–74 Fast to slow 60% 75–99 Fast to slow 40% 100–119 Fast to slow 20% 120–123 Fast to slow 10% 124–127 Fast to slow 5% 128–128 center 129–132 Slow to fast 5% 133–136 Slow to fast 10% 137–156 Slow to fast 20% 157–181 Slow to fast 40% 182–206 Slow to fast 60% 207–231 Slow to fast 80% 232–254 Slow to fast 100% 255–255 max
12	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
13	Prism	0	0–63 No prism 64–127 Prism 1 128–191 Prism 2 192–255 Prism 1+2
14	Prism Rotation	0	0–127 PrismPos 1 128–190 Prism < 191–192 Prism >< 193–255 Prism >
15	Prism Rotation	0	0–127 PrismPos 2 128–190 Prism < 191–192 Prism >< 193–255 Prism >
16	Frost1	0	0–127 Open 128–255 100% Frost
17	Zoom	128	
18	Zoom Fine	0	Fine byte of Zoom
19	Focus	128	
20	Focus Fine	128	Fine byte of Focus
21	No Feature	128	
22	Shutter / Strobe	255	0–3 Closed 4–103 Strobe 104–107 open 108–207 StrobePulseOpen 208–212 open 213–251 StrobeRandom 252–255 open
23	Dimmer	0	0–254 Closed 255–255 Open
24	Dimmer Fine	0	Fine byte of Dimmer