Prolights

MosaicoJR



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**7, 8, 11, 14 channels**
Beam angle	**14.7-45°**
Tilt range	**360°**
Size (W × H × D)	**216 × 250 × 172 mm**
GDTF fixture type	**EA9C70DA-53F2-45F2-89E4-96…**

Controls

Focus · Zoom · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

7ch Scene Record	7 ch
8ch Basic	8 ch
11ch Standard	11 ch
14ch Extended	14 ch

7ch Scene Record

7 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 96–127 Open1 128–159 Pulse Effects 160–191 Open2 192–192 Slow Random 193–222 Random Strobe 223–223 Fast Random 224–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Open + Dark Red (wheel slot 1) 8–11 Dark Red (wheel slot 2) 12–15 Dark Red + Dark Blue (wheel slot 2) 16–19 Dark Blue (wheel slot 3) 20–23 Dark Blue + Yellow (wheel slot 3) 24–27 Yellow (wheel slot 4) 28–31 Yellow + Green (wheel slot 4) 32–35 Green (wheel slot 5) 36–39 Green + Magenta (wheel slot 5) 40–43 Magenta (wheel slot 6) 44–47 Magenta + Orange (wheel slot 6) 48–51 2700K (wheel slot 7) 52–55 2700K + 3200K (wheel slot 7) 56–59 3200K (wheel slot 8) 60–63 3200K + Open (wheel slot 8) 64–64 >>> 65–93 > Spin 94–94 > 95–96 Stop 97–97 < 98–126 < Spin 127–127 << 128–254 Continuous min 255–255 Continuous max
4	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo1 (wheel slot 2) 11–15 Gobo2 (wheel slot 3) 16–20 Gobo3 (wheel slot 4) 21–25 Gobo4 (wheel slot 5) 26–30 Gobo5 (wheel slot 6) 31–35 Gobo6 (wheel slot 7) 36–40 Gobo7 (wheel slot 8) 41–55 Gobo1 (wheel slot 2) 56–70 Gobo2 (wheel slot 3) 71–85 Gobo3 (wheel slot 4) 86–100 Gobo4 (wheel slot 5) 101–115 Gobo5 (wheel slot 6) 116–130 Gobo6 (wheel slot 7) 131–145 Gobo7 (wheel slot 8) 146–146 >>> 147–198 > Spin 199–199 > 200–201 Stop 202–202 < 203–254 < Spin 255–255 <<<

7ch Scene Record (continued)

Ch	Function	Default	DMX values
5	Gobo Rotation	0	0–190 Min 191–191 Max 192–192 >>> 193–220 > Rotate 221–221 > 222–225 Stop 226–226 < 227–254 < Rotate 255–255 <<<
6	Focus	128	0–254 Focus min 255–255 Focus max
7	Zoom	128	

8ch Basic

8 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 96–127 Open1 128–159 Pulse Effects 160–191 Open2 192–192 Slow Random 193–222 Random Strobe 223–223 Fast Random 224–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Open + Dark Red (wheel slot 1) 8–11 Dark Red (wheel slot 2) 12–15 Dark Red + Dark Blue (wheel slot 2) 16–19 Dark Blue (wheel slot 3) 20–23 Dark Blue + Yellow (wheel slot 3) 24–27 Yellow (wheel slot 4) 28–31 Yellow + Green (wheel slot 4) 32–35 Green (wheel slot 5) 36–39 Green + Magenta (wheel slot 5) 40–43 Magenta (wheel slot 6) 44–47 Magenta + Orange (wheel slot 6) 48–51 2700K (wheel slot 7) 52–55 2700K + 3200K (wheel slot 7) 56–59 3200K (wheel slot 8) 60–63 3200K + Open (wheel slot 8) 64–64 >>> 65–93 > Spin 94–94 > 95–96 Stop 97–97 < 98–126 < Spin 127–127 <<< 128–254 Continuous min 255–255 Continuous max

8ch Basic (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo1 (wheel slot 2) 11–15 Gobo2 (wheel slot 3) 16–20 Gobo3 (wheel slot 4) 21–25 Gobo4 (wheel slot 5) 26–30 Gobo5 (wheel slot 6) 31–35 Gobo6 (wheel slot 7) 36–40 Gobo7 (wheel slot 8) 41–55 Gobo1 (wheel slot 2) 56–70 Gobo2 (wheel slot 3) 71–85 Gobo3 (wheel slot 4) 86–100 Gobo4 (wheel slot 5) 101–115 Gobo5 (wheel slot 6) 116–130 Gobo6 (wheel slot 7) 131–145 Gobo7 (wheel slot 8) 146–146 >>> 147–198 > Spin 199–199 > 200–201 Stop 202–202 < 203–254 < Spin 255–255 <<<
5	Gobo Rotation	0	0–190 Min 191–191 Max 192–192 >>> 193–220 > Rotate 221–221 > 222–225 Stop 226–226 < 227–254 < Rotate 255–255 <<<
6	Focus	128	0–254 Focus min 255–255 Focus max
7	Zoom	128	
8	Control1	0	0–59 NoFeature 60–69 Enable blackout while color change 70–79 Disable blackout while color change 80–89 Enable blackout while gobo change 90–99 Disable blackout while gobo change 100–109 ColorWheel Reset 110–119 GoboWheel Reset 120–129 FocusReset 130–139 ZoomReset 140–141 Advanced gobo index ON 142–143 Advanced gobo index OFF 144–145 Advanced Focus Index ON 146–147 Advanced Focus Index OFF 148–149 Advanced Zoom Index ON 150–151 Advanced Focus Index OFF 152–199 NoFeature2 200–209 ResetAll 210–255 NoFeature3

11ch Standard

11 channels

Ch	Function	Default	DMX values

11ch Standard (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 96–127 Open1 128–159 Pulse Effects 160–191 Open2 192–192 Slow Random 193–222 Random Strobe 223–223 Fast Random 224–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Open + Dark Red (wheel slot 1) 8–11 Dark Red (wheel slot 2) 12–15 Dark Red + Dark Blue (wheel slot 2) 16–19 Dark Blue (wheel slot 3) 20–23 Dark Blue + Yellow (wheel slot 3) 24–27 Yellow (wheel slot 4) 28–31 Yellow + Green (wheel slot 4) 32–35 Green (wheel slot 5) 36–39 Green + Magenta (wheel slot 5) 40–43 Magenta (wheel slot 6) 44–47 Magenta + Orange (wheel slot 6) 48–51 2700K (wheel slot 7) 52–55 2700K + 3200K (wheel slot 7) 56–59 3200K (wheel slot 8) 60–63 3200K + Open (wheel slot 8) 64–64 >>> 65–93 > Spin 94–94 > 95–96 Stop 97–97 < 98–126 < Spin 127–127 << 128–254 Continuous min 255–255 Continuous max

11ch Standard (continued)

Ch	Function	Default	DMX values
5	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo1 (wheel slot 2) 11–15 Gobo2 (wheel slot 3) 16–20 Gobo3 (wheel slot 4) 21–25 Gobo4 (wheel slot 5) 26–30 Gobo5 (wheel slot 6) 31–35 Gobo6 (wheel slot 7) 36–40 Gobo7 (wheel slot 8) 41–55 Gobo1 (wheel slot 2) 56–70 Gobo2 (wheel slot 3) 71–85 Gobo3 (wheel slot 4) 86–100 Gobo4 (wheel slot 5) 101–115 Gobo5 (wheel slot 6) 116–130 Gobo6 (wheel slot 7) 131–145 Gobo7 (wheel slot 8) 146–146 >>> 147–198 > Spin 199–199 > 200–201 Stop 202–202 < 203–254 < Spin 255–255 <<<
6	Gobo Rotation	0	0–190 Min 191–191 Max 192–192 >>> 193–220 > Rotate 221–221 > 222–225 Stop 226–226 < 227–254 < Rotate 255–255 <<<
7	Focus	128	0–254 Focus min 255–255 Focus max
8	Focus Fine	0	Fine byte of Focus
9	Zoom	128	
10	Zoom Fine	0	Fine byte of Zoom
11	Control1	0	0–59 NoFeature 60–69 Enable blackout while color change 70–79 Disable blackout while color change 80–89 Enable blackout while gobo change 90–99 Disable blackout while gobo change 100–109 ColorWheel Reset 110–119 GoboWheel Reset 120–129 FocusReset 130–139 ZoomReset 140–141 Advanced gobo index ON 142–143 Advanced gobo index OFF 144–145 Advanced Focus Index ON 146–147 Advanced Focus Index OFF 148–149 Advanced Zoom Index ON 150–151 Advanced Focus Index OFF 152–199 NoFeature2 200–209 ResetAll 210–255 NoFeature3

14ch Extended

14 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 96–127 Open1 128–159 Pulse Effects 160–191 Open2 192–192 Slow Random 193–222 Random Strobe 223–223 Fast Random 224–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Open + Dark Red (wheel slot 1) 8–11 Dark Red (wheel slot 2) 12–15 Dark Red + Dark Blue (wheel slot 2) 16–19 Dark Blue (wheel slot 3) 20–23 Dark Blue + Yellow (wheel slot 3) 24–27 Yellow (wheel slot 4) 28–31 Yellow + Green (wheel slot 4) 32–35 Green (wheel slot 5) 36–39 Green + Magenta (wheel slot 5) 40–43 Magenta (wheel slot 6) 44–47 Magenta + Orange (wheel slot 6) 48–51 2700K (wheel slot 7) 52–55 2700K + 3200K (wheel slot 7) 56–59 3200K (wheel slot 8) 60–63 3200K + Open (wheel slot 8) 64–64 >>> 65–93 > Spin 94–94 > 95–96 Stop 97–97 < 98–126 < Spin 127–127 << 128–254 Continuous min 255–255 Continuous max

14ch Extended (continued)

Ch	Function	Default	DMX values
5	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo1 (wheel slot 2) 11–15 Gobo2 (wheel slot 3) 16–20 Gobo3 (wheel slot 4) 21–25 Gobo4 (wheel slot 5) 26–30 Gobo5 (wheel slot 6) 31–35 Gobo6 (wheel slot 7) 36–40 Gobo7 (wheel slot 8) 41–55 Gobo1 (wheel slot 2) 56–70 Gobo2 (wheel slot 3) 71–85 Gobo3 (wheel slot 4) 86–100 Gobo4 (wheel slot 5) 101–115 Gobo5 (wheel slot 6) 116–130 Gobo6 (wheel slot 7) 131–145 Gobo7 (wheel slot 8) 146–146 >>> 147–198 > Spin 199–199 > 200–201 Stop 202–202 < 203–254 < Spin 255–255 <<<
6	Gobo Rotation	0	0–190 Min 191–191 Max 192–192 >>> 193–220 > Rotate 221–221 > 222–225 Stop 226–226 < 227–254 < Rotate 255–255 <<<
7	Focus	128	0–254 Focus min 255–255 Focus max
8	Focus Fine	0	Fine byte of Focus
9	Zoom	128	
10	Zoom Fine	0	Fine byte of Zoom
11	Control1	0	0–63 NoFeature 64–127 Show 1 128–191 Show 2 192–255 Show 3
12	Control2	0	0–28 NoFeature 29–56 Chase 1 57–85 Chase 2 86–113 Chase 3 114–141 Chase 4 142–170 Chase 5 171–198 Chase 6 199–226 Chase 7 227–255 Chase 8

14ch Extended (continued)

Ch	Function	Default	DMX values
13	Control3	0	0–7 NoFeature 8–15 Scene 1 16–23 Scene 2 24–30 Scene 3 31–38 Scene 4 39–46 Scene 5 47–54 Scene 6 55–61 Scene 7 62–69 Scene 8 70–77 Scene 9 78–85 Scene 10 86–92 Scene 11 93–100 Scene 12 101–108 Scene 13 109–115 Scene 14 116–123 Scene 15 124–131 Scene 16 132–139 Scene 17 140–146 Scene 18 147–154 Scene 19 155–162 Scene 20 163–170 Scene 21 171–177 Scene 22 178–185 Scene 23 186–193 Scene 24 194–200 Scene 25 201–208 Scene 26 209–216 Scene 27 217–224 Scene 28 225–231 Scene 29 232–239 Scene 30 240–247 Scene 31 248–255 Scene 32
14	Control4	0	0–10 NoFeature 11–128 Edit Scene Mode 129–255 Record Scene Mode