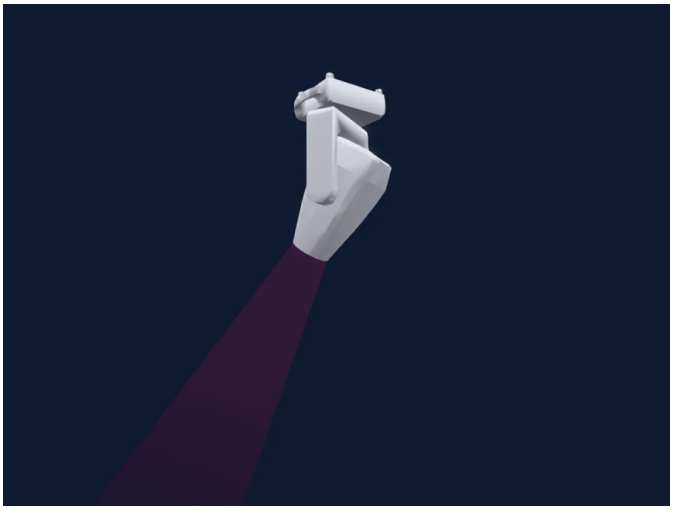
Infinity

Furion H402 Hybrid



Manufacturer	**Infinity**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**20, 27 channels**
Beam angle	**1.6-41.7°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**274 × 481 × 259 mm**
GDTF fixture type	**FAFD1BC8-7FDE-11EF-84D4-52…**

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 · Strobe

DMX modes

Basic	20 ch
Advanced	27 ch

Basic

20 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	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–6 Open - Shutter Open 7–66 Sync Strobe S > F - Strobe 67–127 Pulse Strobe S > F - Strobe Pulse Random 128–188 Ramp Down S > F - Strobe Pulse Closed 189–249 Strobe Random S > F - Strobe Random 250–255 Open - Shutter Open
7	Color Wheel	0	0–3 White - Color (wheel slot 1) 4–7 Red - Color (wheel slot 2) 8–11 Dark Blue - Color (wheel slot 3) 12–15 Dark Yellow - Color (wheel slot 4) 16–19 Neon Green - Color (wheel slot 5) 20–23 Magenta - Color (wheel slot 6) 24–27 Lavender - Color (wheel slot 7) 28–31 Pink - Color (wheel slot 8) 32–35 Dark Green - Color (wheel slot 9) 36–39 Lime - Color (wheel slot 10) 40–43 Cyan - Color (wheel slot 11) 44–47 Orange - Color (wheel slot 12) 48–51 CTO - Color (wheel slot 13) 52–59 Congo Blue - Color (wheel slot 14) 60–68 White + Color 1 - Color 69–77 Color 1 + Color 2 - Color 78–86 Color 2 + Color 3 - Color 87–95 Color 3 + Color 4 - Color 96–104 Color 4 + Color 5 - Color 105–113 Color 5 + Color 6 - Color 114–122 Color 6 + Color 7 - Color 123–131 Color 7 + Color 8 - Color 132–140 Color 8 + Color 9 - Color 141–149 Color 9 + Color 10 - Color 150–158 Color 10 + Color 11 - Color 159–167 Color 11 + Color 12 - Color 168–176 Color 12 + Color 13 - Color 177–187 Color 13 + White - Color 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW

Basic (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–4 Open - Gobo Open (wheel slot 1) 5–6 Gobo 1 - Gobo (wheel slot 2) 7–8 Gobo 2 - Gobo (wheel slot 3) 9–10 Gobo 3 - Gobo (wheel slot 4) 11–12 Gobo 4 - Gobo (wheel slot 5) 13–14 Gobo 5 - Gobo (wheel slot 6) 15–16 Gobo 6 - Gobo (wheel slot 7) 17–18 Gobo 7 - Gobo (wheel slot 8) 19–20 Gobo 8 - Gobo (wheel slot 9) 21–22 Gobo 9 - Gobo (wheel slot 10) 23–24 Open - Gobo Open (wheel slot 1) 25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2) 27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3) 29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4) 31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5) 33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6) 35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7) 37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8) 39–40 Gobo 8 Rotate - Gobo Rotate (wheel slot 9) 41–42 Gobo 9 Rotate - Gobo Rotate (wheel slot 10) 43–44 Open - Gobo Open (wheel slot 1) 45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2) 53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3) 61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4) 69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5) 77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6) 85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7) 93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8) 101–108 Gobo 8 Shake Idx - Gobo Shake (wheel slot 9) 109–116 Gobo 9 Shake Idx - Gobo Shake (wheel slot 10) 117–124 Open - Gobo Open (wheel slot 1) 125–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2) 133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3) 141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4) 149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5) 157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6) 165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7) 173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8) 181–188 Gobo 8 Shake Rot - Gobo Shake (wheel slot 9) 189–196 Gobo 9 Shake Rot - Gobo Shake (wheel slot 10) 197–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
9	Gobo Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 F > S - Rotate Random

Basic (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–9 Gobo 1 - Gobo (wheel slot 2) 10–12 Gobo 2 - Gobo (wheel slot 3) 13–15 Gobo 3 - Gobo (wheel slot 4) 16–18 Gobo 4 - Gobo (wheel slot 5) 19–21 Gobo 5 - Gobo (wheel slot 6) 22–24 Gobo 6 - Gobo (wheel slot 7) 25–27 Gobo 7 - Gobo (wheel slot 8) 28–30 Gobo 8 - Gobo (wheel slot 9) 31–33 Gobo 9 - Gobo (wheel slot 10) 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–55 Gobo 16 - Gobo (wheel slot 17) 56–63 Open - Gobo Open (wheel slot 1) 64–67 Gobo 1 Shake - Gobo Shake (wheel slot 2) 68–71 Gobo 2 Shake - Gobo Shake (wheel slot 3) 72–75 Gobo 3 Shake - Gobo Shake (wheel slot 4) 76–79 Gobo 4 Shake - Gobo Shake (wheel slot 5) 80–83 Gobo 5 Shake - Gobo Shake (wheel slot 6) 84–87 Gobo 6 Shake - Gobo Shake (wheel slot 7) 88–91 Gobo 7 Shake - Gobo Shake (wheel slot 8) 92–95 Gobo 8 Shake - Gobo Shake (wheel slot 9) 96–99 Gobo 9 Shake - Gobo Shake (wheel slot 10) 100–103 Gobo 10 Shake - Gobo Shake (wheel slot 10) 104–107 Gobo 11 Shake - Gobo Shake (wheel slot 12) 108–111 Gobo 12 Shake - Gobo Shake (wheel slot 13) 112–115 Gobo 13 Shake - Gobo Shake (wheel slot 14) 116–119 Gobo 14 Shake - Gobo Shake (wheel slot 15) 120–123 Gobo 15 Shake - Gobo Shake (wheel slot 16) 124–127 Gobo 16 Shake - Gobo Shake (wheel slot 17) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
11	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rotating) - Prism (wheel slot 1)
12	Prism Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
13	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rotating) - Prism (wheel slot 1)
14	Prism Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
15	Zoom	128	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
16	Focus	128	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
17	Focus1Distance	0	0–0 No Function - Custom 1–11 0-5m Auto Focus - Gobo 1 - Focus 12–22 6m Auto Focus - Gobo 1 - Focus 23–33 7m Auto Focus - Gobo 1 - Focus 34–44 8m Auto Focus - Gobo 1 - Focus 45–55 9m Auto Focus - Gobo 1 - Focus 56–66 10m Auto Focus - Gobo 1 - Focus 67–77 12 5m Auto Focus - Gobo 1 - Focus 78–88 15m Auto Focus - Gobo 1 - Focus 89–99 17 5m Auto Focus - Gobo 1 - Focus 100–110 20-60m Auto Focus - Gobo 1 - Focus 111–127 Auto Detect Distance - Gobo 1 - Focus 128–138 0-5m Auto Focus - Gobo 2 - Focus 139–149 6m Auto Focus - Gobo 2 - Focus 150–160 7m Auto Focus - Gobo 2 - Focus 161–171 8m Auto Focus - Gobo 2 - Focus 172–182 9m Auto Focus - Gobo 2 - Focus 183–193 10m Auto Focus - Gobo 2 - Focus 194–204 12 5m Auto Focus - Gobo 2 - Focus 205–215 15m Auto Focus - Gobo 2 - Focus 216–226 17 5m Auto Focus - Gobo 2 - Focus 227–237 20-60m Auto Focus - Gobo 2 - Focus 238–255 Auto Detect Distance - Gobo 2 - Focus
18	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Beam Shaper	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Control1	0	0–4 No Function - Custom 5–9 Pan Reverse - Custom 10–14 Pan Normal - Custom 15–19 Tilt Reverse - Custom 20–24 Tilt Normal - Custom 25–29 Auto Pan Invert Off - Custom 30–34 Auto Pan Invert On - Custom 35–39 BO P/T Off - Blackout 40–44 BO P/T On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo Off - Blackout 60–64 BO Gobo On - Blackout 65–104 Reserved - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–124 Reserved - Custom 125–129 Lamp On - Lamp on 130–199 Reserved - Custom 200–209 Reset P/T - Reset 210–214 Reset Color - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–229 Reserved - Custom 230–234 Frost Reset 235–239 Reset All - Reset 240–244 Reserved - Custom 245–249 Lamp Off - Lamp off 250–255 Reserved - Custom

Advanced

27 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 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–6 Open - Shutter Open 7–66 Sync Strobe S > F - Strobe 67–127 Pulse Strobe S > F - Strobe Pulse Random 128–188 Ramp Down S > F - Strobe Pulse Closed 189–249 Strobe Random S > F - Strobe Random 250–255 Open - Shutter Open
9	Color Wheel	0	0–3 White - Color (wheel slot 1) 4–7 Red - Color (wheel slot 2) 8–11 Dark Blue - Color (wheel slot 3) 12–15 Dark Yellow - Color (wheel slot 4) 16–19 Neon Green - Color (wheel slot 5) 20–23 Magenta - Color (wheel slot 6) 24–27 Lavender - Color (wheel slot 7) 28–31 Pink - Color (wheel slot 8) 32–35 Dark Green - Color (wheel slot 9) 36–39 Lime - Color (wheel slot 10) 40–43 Cyan - Color (wheel slot 11) 44–47 Orange - Color (wheel slot 12) 48–51 CTO - Color (wheel slot 13) 52–59 Congo Blue - Color (wheel slot 14) 60–68 White + Color 1 - Color 69–77 Color 1 + Color 2 - Color 78–86 Color 2 + Color 3 - Color 87–95 Color 3 + Color 4 - Color 96–104 Color 4 + Color 5 - Color 105–113 Color 5 + Color 6 - Color 114–122 Color 6 + Color 7 - Color 123–131 Color 7 + Color 8 - Color 132–140 Color 8 + Color 9 - Color 141–149 Color 9 + Color 10 - Color 150–158 Color 10 + Color 11 - Color 159–167 Color 11 + Color 12 - Color 168–176 Color 12 + Color 13 - Color 177–187 Color 13 + White - Color 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW

Advanced (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–4 Open - Gobo Open (wheel slot 1) 5–6 Gobo 1 - Gobo (wheel slot 2) 7–8 Gobo 2 - Gobo (wheel slot 3) 9–10 Gobo 3 - Gobo (wheel slot 4) 11–12 Gobo 4 - Gobo (wheel slot 5) 13–14 Gobo 5 - Gobo (wheel slot 6) 15–16 Gobo 6 - Gobo (wheel slot 7) 17–18 Gobo 7 - Gobo (wheel slot 8) 19–20 Gobo 8 - Gobo (wheel slot 9) 21–22 Gobo 9 - Gobo (wheel slot 10) 23–24 Open - Gobo Open (wheel slot 1) 25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2) 27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3) 29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4) 31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5) 33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6) 35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7) 37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8) 39–40 Gobo 8 Rotate - Gobo Rotate (wheel slot 9) 41–42 Gobo 9 Rotate - Gobo Rotate (wheel slot 10) 43–44 Open - Gobo Open (wheel slot 1) 45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2) 53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3) 61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4) 69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5) 77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6) 85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7) 93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8) 101–108 Gobo 8 Shake Idx - Gobo Shake (wheel slot 9) 109–116 Gobo 9 Shake Idx - Gobo Shake (wheel slot 10) 117–124 Open - Gobo Open (wheel slot 1) 125–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2) 133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3) 141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4) 149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5) 157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6) 165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7) 173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8) 181–188 Gobo 8 Shake Rot - Gobo Shake (wheel slot 9) 189–196 Gobo 9 Shake Rot - Gobo Shake (wheel slot 10) 197–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
11	Gobo Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 F > S - Rotate Random
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Advanced (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–9 Gobo 1 - Gobo (wheel slot 2) 10–12 Gobo 2 - Gobo (wheel slot 3) 13–15 Gobo 3 - Gobo (wheel slot 4) 16–18 Gobo 4 - Gobo (wheel slot 5) 19–21 Gobo 5 - Gobo (wheel slot 6) 22–24 Gobo 6 - Gobo (wheel slot 7) 25–27 Gobo 7 - Gobo (wheel slot 8) 28–30 Gobo 8 - Gobo (wheel slot 9) 31–33 Gobo 9 - Gobo (wheel slot 10) 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–55 Gobo 16 - Gobo (wheel slot 17) 56–63 Open - Gobo Open (wheel slot 1) 64–67 Gobo 1 Shake - Gobo Shake (wheel slot 2) 68–71 Gobo 2 Shake - Gobo Shake (wheel slot 3) 72–75 Gobo 3 Shake - Gobo Shake (wheel slot 4) 76–79 Gobo 4 Shake - Gobo Shake (wheel slot 5) 80–83 Gobo 5 Shake - Gobo Shake (wheel slot 6) 84–87 Gobo 6 Shake - Gobo Shake (wheel slot 7) 88–91 Gobo 7 Shake - Gobo Shake (wheel slot 8) 92–95 Gobo 8 Shake - Gobo Shake (wheel slot 9) 96–99 Gobo 9 Shake - Gobo Shake (wheel slot 10) 100–103 Gobo 10 Shake - Gobo Shake (wheel slot 10) 104–107 Gobo 11 Shake - Gobo Shake (wheel slot 12) 108–111 Gobo 12 Shake - Gobo Shake (wheel slot 13) 112–115 Gobo 13 Shake - Gobo Shake (wheel slot 14) 116–119 Gobo 14 Shake - Gobo Shake (wheel slot 15) 120–123 Gobo 15 Shake - Gobo Shake (wheel slot 16) 124–127 Gobo 16 Shake - Gobo Shake (wheel slot 17) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
14	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism 128–255 Prism (Rotating) - Prism
15	Prism Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
16	Prism Rotation Fine	0	Fine byte of Prism Rotation
17	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism 128–255 Prism (Rotating) - Prism
18	Prism Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
19	Prism Rotation Fine	0	Fine byte of Prism Rotation
20	Zoom	128	0–254 Wide 255–255 Narrow
21	Zoom Fine	0	Fine byte of Zoom
22	Focus	128	

Advanced (continued)

Ch	Function	Default	DMX values
23	Focus Fine	0	Fine byte of Focus
24	Focus1Distance	0	0–0 No Function - Custom 1–11 0-5m Auto Focus - Gobo 1 - Focus 12–22 6m Auto Focus - Gobo 1 - Focus 23–33 7m Auto Focus - Gobo 1 - Focus 34–44 8m Auto Focus - Gobo 1 - Focus 45–55 9m Auto Focus - Gobo 1 - Focus 56–66 10m Auto Focus - Gobo 1 - Focus 67–77 12 5m Auto Focus - Gobo 1 - Focus 78–88 15m Auto Focus - Gobo 1 - Focus 89–99 17 5m Auto Focus - Gobo 1 - Focus 100–110 20-60m Auto Focus - Gobo 1 - Focus 111–127 Auto Detect Distance - Gobo 1 - Focus 128–138 0-5m Auto Focus - Gobo 2 - Focus 139–149 6m Auto Focus - Gobo 2 - Focus 150–160 7m Auto Focus - Gobo 2 - Focus 161–171 8m Auto Focus - Gobo 2 - Focus 172–182 9m Auto Focus - Gobo 2 - Focus 183–193 10m Auto Focus - Gobo 2 - Focus 194–204 12 5m Auto Focus - Gobo 2 - Focus 205–215 15m Auto Focus - Gobo 2 - Focus 216–226 17 5m Auto Focus - Gobo 2 - Focus 227–237 20-60m Auto Focus - Gobo 2 - Focus 238–255 Auto Detect Distance - Gobo 2 - Focus
25	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Beam Shaper	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Control1	0	0–4 No Function - Custom 5–9 Pan Reverse - Custom 10–14 Pan Normal - Custom 15–19 Tilt Reverse - Custom 20–24 Tilt Normal - Custom 25–29 Auto Pan Invert Off - Custom 30–34 Auto Pan Invert On - Custom 35–39 BO P/T Off - Blackout 40–44 BO P/T On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo Off - Blackout 60–64 BO Gobo On - Blackout 65–104 Reserved - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–124 Reserved - Custom 125–129 Lamp On - Lamp on 130–199 Reserved - Custom 200–209 Reset P/T - Reset 210–214 Reset Color - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–229 Reserved - Custom 230–234 Frost Reser 235–239 Reset All - Reset 240–244 Reserved - Custom 245–249 Lamp Off - Lamp off 250–255 Reserved - Custom