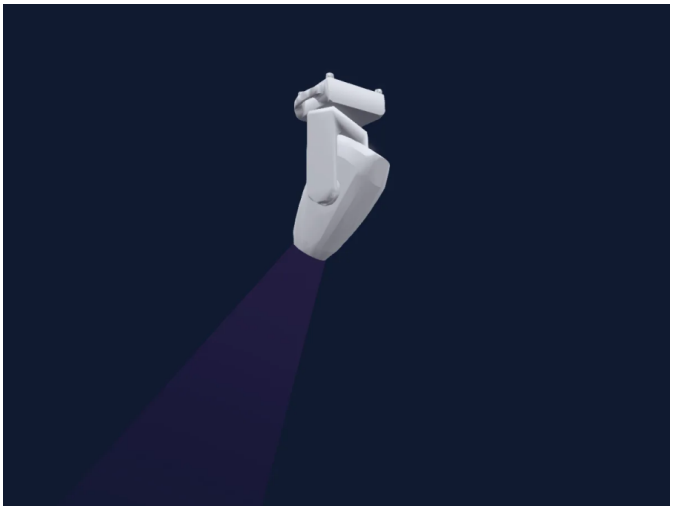
Infinity

Furion S602 Spot



Manufacturer	**Infinity**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**26, 37 channels**
Beam angle	**6.3-54.1°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**276 × 495 × 259 mm**
GDTF fixture type	**31326319-821E-11EF-AF1A-525…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Basic	26 ch
Advanced	37 ch

Basic

26 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	0–6 White - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Light Pink - Color (wheel slot 3) 21–27 Orange - Color (wheel slot 4) 28–34 Dark Lavender - Color (wheel slot 5) 35–41 Primary Green - Color (wheel slot 6) 42–48 Aquamarine - Color (wheel slot 7) 49–59 Congo Blue - Color (wheel slot 8) 60–75 White + Color 1 - Color (wheel slot 9) 76–91 Color 1 + Color 2 - Color (wheel slot 10) 92–107 Color 2 + Color 3 - Color (wheel slot 11) 108–123 Color 3 + Color 4 - Color (wheel slot 12) 124–139 Color 4 + Color 5 - Color (wheel slot 13) 140–155 Color 5 + Color 6 - Color (wheel slot 14) 156–171 Color 6 + Color 7 - Color (wheel slot 15) 172–187 Color 7 + Open - Color (wheel slot 16) 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
8	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
11	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Color Macro1	0	0–9 No Function - Custom 10–127 CMY Preset - Macro 128–255 F > S - Speed

Basic (continued)

Ch	Function	Default	DMX values
13	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) 19–24 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) 39–44 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) 101–122 Open - Gobo Open (wheel slot 1) 123–132 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) 181–195 Open - Gobo Open (wheel slot 1) 196–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
14	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 Gobo Swiveling F > S - Rotate Random

Basic (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–5 Open - Gobo Open (wheel slot 1) 6–11 Gobo 1 - Gobo (wheel slot 2) 12–17 Gobo 2 - Gobo (wheel slot 3) 18–23 Gobo 3 - Gobo (wheel slot 4) 24–29 Gobo 4 - Gobo (wheel slot 5) 30–35 Gobo 5 - Gobo (wheel slot 6) 36–41 Gobo 6 - Gobo (wheel slot 7) 42–47 Gobo 7 - Gobo (wheel slot 8) 48–53 Gobo 8 - Gobo (wheel slot 9) 54–59 Gobo 9 - Gobo (wheel slot 10) 60–63 Open - Gobo Open (wheel slot 1) 64–69 Gobo 1 Shake - Gobo Shake (wheel slot 2) 70–75 Gobo 2 Shake - Gobo Shake (wheel slot 3) 76–81 Gobo 3 Shake - Gobo Shake (wheel slot 4) 82–87 Gobo 4 Shake - Gobo Shake (wheel slot 5) 88–93 Gobo 5 Shake - Gobo Shake (wheel slot 6) 94–99 Gobo 6 Shake - Gobo Shake (wheel slot 7) 100–105 Gobo 7 Shake - Gobo Shake (wheel slot 8) 106–111 Gobo 8 Shake - Gobo Shake (wheel slot 9) 112–117 Gobo 9 Shake - Gobo Shake (wheel slot 10) 118–127 Open - Gobo Open (wheel slot 1) 128–191 F > S - Rotate CW 192–255 S > F - Rotate CCW
16	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rot) - Prism (wheel slot 1)
17	Prism 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 Prism Swiveling F > S - Rotate Random
18	Zoom	128	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
19	Iris	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Iris Mode	0	0–63 No Function - Custom 64–127 Auto Change F > S - Macro 128–191 Slow Open Fast Close S > F - Macro 192–255 Slow Close Fast Open S > F - Macro
21	Focus	128	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
22	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
23	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Animation Wheel1	0	0–1 No Function - Custom 2–125 Rotate CW - Rotate CW 126–131 Stop - Stop Loop 132–255 S > F - Rotate CCW
25	Effect	0	0–1 No Function - Custom 2–126 Shaking Effect F > S - Effect 127–130 Stop - Stop Loop 131–255 Fade Effect S > F - Effect

Basic (continued)

Ch	Function	Default	DMX values
26	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 65–84 Reserved - Custom 85–89 Fans Auto - Custom 90–94 Fans Full - Custom 95–99 Fans Silent - Custom 100–104 Fans Studio - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–119 Dimmer Mode Fast - Custom 120–124 Dimmer Mode Smooth - Custom 125–129 Reserved - Custom 130–134 Dimmer Linear - Custom 135–139 Dimmer Square - Custom 140–144 Dimmer Inv Square - Custom 145–149 Dimmer S-Curve - Custom 150–154 PWM 600Hz - Custom 155–159 PWM 1200Hz - Custom 160–164 PWM 2000Hz - Custom 165–169 PWM 4000Hz - Custom 170–174 PWM 6000Hz - Custom 175–179 PWM 15000Hz - Custom 180–199 Reserved - Custom 200–204 Reset P/T - Reset 205–209 Reset Iris/Prism - Reset 210–214 Reset Color/CMY - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–229 Reserved - Custom 230–234 Reset Frost/Animation 235–239 Reset All - Reset 240–244 CTB When Gobo In On - Custom 245–249 CTB When Gobo In Off - Custom 250–255 No Function - Custom

Advanced

37 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

Advanced (continued)

Ch	Function	Default	DMX values
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	0–6 White - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Light Pink - Color (wheel slot 3) 21–27 Orange - Color (wheel slot 4) 28–34 Dark Lavender - Color (wheel slot 5) 35–41 Primary Green - Color (wheel slot 6) 42–48 Aquamarine - Color (wheel slot 7) 49–59 Congo Blue - Color (wheel slot 8) 60–75 White + Color 1 - Color (wheel slot 9) 76–91 Color 1 + Color 2 - Color (wheel slot 10) 92–107 Color 2 + Color 3 - Color (wheel slot 11) 108–123 Color 3 + Color 4 - Color (wheel slot 12) 124–139 Color 4 + Color 5 - Color (wheel slot 13) 140–155 Color 5 + Color 6 - Color (wheel slot 14) 156–171 Color 6 + Color 7 - Color (wheel slot 15) 172–187 Color 7 + Open - Color (wheel slot 16) 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
10	Cyan	0	
11	Cyan Fine	0	Fine byte of Cyan
12	Magenta	0	
13	Magenta Fine	0	Fine byte of Magenta
14	Yellow	0	
15	Yellow Fine	0	Fine byte of Yellow
16	C TO	0	
17	C TO Fine	0	Fine byte of C TO
18	Color Macro1	0	0–9 No Function - Custom 10–127 CMY Preset - Macro 128–255 F > S - Speed

Advanced (continued)

Ch	Function	Default	DMX values
19	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) 19–24 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) 39–44 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) 101–122 Open - Gobo Open (wheel slot 1) 123–132 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) 181–195 Open - Gobo Open (wheel slot 1) 196–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
20	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 Gobo Swiveling F > S - Rotate Random
21	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Advanced (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–5 Open - Gobo Open (wheel slot 1) 6–11 Gobo 1 - Gobo (wheel slot 2) 12–17 Gobo 2 - Gobo (wheel slot 3) 18–23 Gobo 3 - Gobo (wheel slot 4) 24–29 Gobo 4 - Gobo (wheel slot 5) 30–35 Gobo 5 - Gobo (wheel slot 6) 36–41 Gobo 6 - Gobo (wheel slot 7) 42–47 Gobo 7 - Gobo (wheel slot 8) 48–53 Gobo 8 - Gobo (wheel slot 9) 54–59 Gobo 9 - Gobo (wheel slot 10) 60–63 Open - Gobo Open (wheel slot 1) 64–69 Gobo 1 Shake - Gobo Shake (wheel slot 2) 70–75 Gobo 2 Shake - Gobo Shake (wheel slot 3) 76–81 Gobo 3 Shake - Gobo Shake (wheel slot 4) 82–87 Gobo 4 Shake - Gobo Shake (wheel slot 5) 88–93 Gobo 5 Shake - Gobo Shake (wheel slot 6) 94–99 Gobo 6 Shake - Gobo Shake (wheel slot 7) 100–105 Gobo 7 Shake - Gobo Shake (wheel slot 8) 106–111 Gobo 8 Shake - Gobo Shake (wheel slot 9) 112–117 Gobo 9 Shake - Gobo Shake (wheel slot 10) 118–127 Open - Gobo Open (wheel slot 1) 128–191 F > S - Rotate CW 192–255 S > F - Rotate CCW
23	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rot) - Prism (wheel slot 1)
24	Prism 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 Prism Swiveling F > S - Rotate Random
25	Prism Rotation Fine	0	Fine byte of Prism Rotation
26	Zoom	128	0–254 Wide 255–255 Narrow
27	Zoom Fine	0	Fine byte of Zoom
28	Iris	0	
29	Iris Fine	0	Fine byte of Iris
30	Iris Mode	0	0–63 No Function - Custom 64–127 Auto Change F > S - Macro 128–191 Slow Open Fast Close S > F - Macro 192–255 Slow Close Fast Open S > F - Macro
31	Focus	128	
32	Focus Fine	0	Fine byte of Focus

Advanced (continued)

Ch	Function	Default	DMX values
33	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
34	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
35	Animation Wheel1	0	0–1 No Function - Custom 2–125 Rotate CW - Rotate CW 126–131 Stop - Stop Loop 132–255 S > F - Rotate CCW
36	Effect	0	0–1 No Function - Custom 2–126 Shaking Effect F > S - Effect 127–130 Stop - Stop Loop 131–255 Fade Effect S > F - Effect

Advanced (continued)

Ch	Function	Default	DMX values
37	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 65–84 Reserved - Custom 85–89 Fans Auto - Custom 90–94 Fans Full - Custom 95–99 Fans Silent - Custom 100–104 Fans Studio - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–119 Dimmer Mode Fast - Custom 120–124 Dimmer Mode Smooth - Custom 125–129 Reserved - Custom 130–134 Dimmer Linear - Custom 135–139 Dimmer Square - Custom 140–144 Dimmer Inv Square - Custom 145–149 Dimmer S-Curve - Custom 150–154 PWM 600Hz - Custom 155–159 PWM 1200Hz - Custom 160–164 PWM 2000Hz - Custom 165–169 PWM 4000Hz - Custom 170–174 PWM 6000Hz - Custom 175–179 PWM 15000Hz - Custom 180–199 Reserved - Custom 200–204 Reset P/T - Reset 205–209 Reset Iris/Prism - Reset 210–214 Reset Color/CMY - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–229 Reserved - Custom 230–234 Frost/Animation Reset 235–239 Reset All - Reset 240–244 CTB When Gobo In On - Custom 245–249 CTB When Gobo In Off - Custom 250–255 No Function - Custom