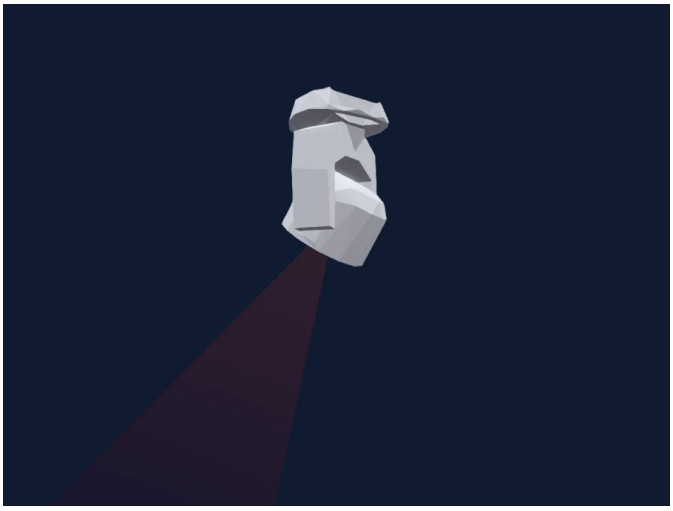
GLP

impression X5 IP



Manufacturer	**GLP**
Type	**Moving head**
DMX modes	**10**
DMX footprint	**16, 17, 24, 35, 41 channels**
Beam angle	**4-63°**
Pan range	**540°**
Tilt range	**240°**
Heads / cells	**4**
Size (W × H × D)	**302 × 227 × 300 mm**
GDTF fixture type	**9369A8DB-EA6F-487B-B481-22…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt

DMX modes

Mode 5 Mulipix Compressed RGB (71ch)	16 ch
Mode 6 Mulipix Compressed RGBL (89ch)	17 ch
Mode 1 Basic RGB (24ch)	24 ch
Mode 1 Basic RGBL (24ch)	24 ch
Mode 2 Normal RGB (35ch)	35 ch
Mode 2 Normal RGBL (35ch)	35 ch
Mode 4 Mulipix Advanced RGB (89ch)	35 ch
Mode 4 Mulipix Advanced RGBL (89ch)	35 ch
Mode 3 Segments RGB (41ch)	41 ch
Mode 3 Segments RGBL (41ch)	41 ch

Mode 5 Mulipix Compressed RGB (71ch)

16 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	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	255	Fine byte of Dimmer
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	14	
10	Accessory1	0	
11	Accessory2	0	
12	C TC	0	
13	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
14	Red	255	
15	Green	255	
16	Blue	255	

Mode 6 Mulipix Compressed RGBL (89ch)

17 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

Mode 6 Mulipix Compressed RGBL (89ch) (continued)

Ch	Function	Default	DMX values
5	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	255	Fine byte of Dimmer
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	14	
10	Accessory1	0	
11	Accessory2	0	
12	C TC	0	
13	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
14	Red	255	
15	Green	255	
16	Blue	255	
17	Color Add GY	255	

Mode 1 Basic RGB (24ch)

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	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 Basic RGB (24ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	No Feature	0	
19	No Feature Fine	0	Fine byte of No Feature

Mode 1 Basic RGB (24ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 1 Basic RGB (24ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function

Mode 1 Basic RGBL (24ch)

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	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 Basic RGBL (24ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 1 Basic RGBL (24ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 1 Basic RGBL (24ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function

Mode 2 Normal RGB (35ch)

35 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 Normal RGB (35ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	No Feature	0	
19	No Feature Fine	0	Fine byte of No Feature

Mode 2 Normal RGB (35ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 2 Normal RGB (35ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 Normal RGB (35ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	10	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	

Mode 2 Normal RGBL (35ch)

35 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 Normal RGBL (35ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 2 Normal RGBL (35ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 2 Normal RGBL (35ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 Normal RGBL (35ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	10	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	

Mode 4 Mulipix Advanced RGB (89ch)

35 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 Mulipix Advanced RGB (89ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	No Feature	0	
19	No Feature Fine	0	Fine byte of No Feature

Mode 4 Mulipix Advanced RGB (89ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 4 Mulipix Advanced RGB (89ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 Mulipix Advanced RGB (89ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	0	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	

Mode 4 Mulipix Advanced RGBL (89ch)

35 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 Mulipix Advanced RGBL (89ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 4 Mulipix Advanced RGBL (89ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 4 Mulipix Advanced RGBL (89ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 Mulipix Advanced RGBL (89ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	0	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	

Mode 3 Segments RGB (41ch)

41 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 Segments RGB (41ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	No Feature	0	
19	No Feature Fine	0	Fine byte of No Feature

Mode 3 Segments RGB (41ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 3 Segments RGB (41ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 Segments RGB (41ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	0	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Red	255	
40	Green	255	
41	Blue	255	

Mode 3 Segments RGBL (41ch)

41 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	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open

Mode 3 Segments RGBL (41ch) (continued)

Ch	Function	Default	DMX values
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
8	Zoom	128	0–127 Narrow 128–254 Medium 255–255 Wide
9	Control1	0	
10	Accessory1	0	
11	Accessory2	0	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY

Mode 3 Segments RGBL (41ch) (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–9 Open (wheel slot 1) 10–12 Filter 004 (medium Bastard Amber) (wheel slot 2) 13–15 Filter 019 (Fire) (wheel slot 3) 16–18 Filter 025 (Sunset Red) (wheel slot 4) 19–21 Filter 026 (Bright Red) (wheel slot 5) 22–24 Filter 036 (Medium Pink) (wheel slot 6) 25–27 Filter 049 (Medium Purple) (wheel slot 7) 28–30 Filter 058 (Lavender) (wheel slot 8) 31–33 Filter 068 (Sky Blue) (wheel slot 9) 34–36 Filter 088 (Lime Green) (wheel slot 10) 37–39 Filter 089 (Moss Green) (wheel slot 11) 40–42 Filter 090 (Dark Yellow Green) (wheel slot 12) 43–45 Filter 102 (Light Amber) (wheel slot 13) 46–48 Filter 103 (Straw) (wheel slot 14) 49–51 Filter 106 (Primary Red) (wheel slot 15) 52–54 Filter 111 (Dark Pink) (wheel slot 16) 55–57 Filter 115 (Peacock Blue) (wheel slot 17) 58–60 Filter 117 (Steel Blue) (wheel slot 18) 61–63 Filter 118 (Light Blue) (wheel slot 19) 64–66 Filter 121 (Filter Green) (wheel slot 20) 67–69 Filter 122 (Fem Green) (wheel slot 21) 70–72 Filter 124 (Dark Green) (wheel slot 22) 73–75 Filter 126 (Mauve) (wheel slot 23) 76–78 Filter 128 (Bright Pink) (wheel slot 24) 79–81 Filter 131 (Marine Blue) (wheel slot 25) 82–84 Filter 132 (Medium Blue) (wheel slot 26) 85–87 Filter 134 (Golden Amber) (wheel slot 27) 88–90 Filter 135 (Deep Golden Amber) (wheel slot 28) 91–93 Filter 136 (Pale Lavender) (wheel slot 29) 94–96 Filter 137 (Special Lavender) (wheel slot 30) 97–99 Filter 138 (Pale Green) (wheel slot 31) 100–102 Filter 140 (Summer Blue) (wheel slot 32) 103–105 Filter 141 (Bright Blue) (wheel slot 33) 106–108 Filter 143 (Pale Navy Blue) (wheel slot 34) 109–111 Filter 147 Apricot) (wheel slot 35) 112–114 Filter 148 (Bright Rose) (wheel slot 36) 115–117 Filter 152 (Pale Gold) (wheel slot 37) 118–120 Filter 154 (Pale Rose) (wheel slot 38) 121–123 Filter 157 (Pink) (wheel slot 39) 124–126 Filter 162 (Bastard Amber) (wheel slot 40) 127–129 Filter 164 (Flame Red) (wheel slot 41) 130–132 Filter 165 (Daylight Blue) (wheel slot 42) 133–135 Filter 169 (Lilac Tint) (wheel slot 43) 136–138 Filter 170 (Deep Lavender) (wheel slot 44) 139–141 Filter 172 (Lagoon Blue) (wheel slot 45) 142–144 Filter 180 (Dark Lavender) (wheel slot 46) 145–147 Filter 182 (Light Red) (wheel slot 47) 148–150 Filter 194 (Surprise Pink) (wheel slot 48) 151–153 Filter 197 (Alice Blue) (wheel slot 49) 154–156 Filter 201 (Full CT Blue) (wheel slot 50) 157–159 Filter 202 (Half CT Blue) (wheel slot 51) 160–162 Filter 203 (Quarter CT Blue) (wheel slot 52) 163–165 Filter 204 (Full CT Orange) (wheel slot 53) 166–168 Filter 206 (Quarter CT Orange) (wheel slot 54) 169–171 Filter 219 (Fluorescent Green) (wheel slot 55) 172–174 Filter 247 (Filter Minus Green) (wheel slot 56) 175–177 Filter 248 (Half Minus Green) (wheel slot 57) 178–180 Filter 281 (Three Quarter CT Blue) (wheel slot 58) 181–183 Filter 285 (Three Quarter CT Orange) (wheel slot 59) 184–186 Filter 352 (Glacier Blue) (wheel slot 60) 187–189 Filter 353 (Lighter Blue) (wheel slot 61) 190–192 Filter 507 (Madge) (wheel slot 62) 193–195 Filter 778 (Millennium Gold) (wheel slot 63) 196–198 Filter 793 (Vanity Fair) (wheel slot 64)

Mode 3 Segments RGBL (41ch) (continued)

Ch	Function	Default	DMX values
21	C TC	0	
22	C QC	0	0–9 HQ Saturated Color 10–117 Crossfade Saturated Unsaturated 118–127 HQ Unsaturated 128–137 HO Unsaturated 138–245 Crossfade Unsaturated Saturated 246–255 HO Saturated
23	Tint	0	0–9 Open no correction 10–10 Full Plus Magenta 11–124 Crossfade 125–140 Neutral 141–254 Crossfade 255–255 Full Plus Green
24	Tungsten Simulation	0	0–9 OFF 10–19 Tungsten ACL 250W/28V 20–29 Tungsten Blinder 650W/120V 30–39 Tungsten750W/80V 40–49 Tungsten 1000W/240V 50–59 Tungsten 1200W/240V 60–69 Tungsten 2000W/230V 70–79 Tungsten 2500W/230V 80–89 Tungsten 5000W/230V 90–119 No function 120–139 OFF 140–149 FX Tungsten ACL 250W/28V 150–159 FX Tungsten Blinder 650W/120V 160–169 FX Tungsten750W/80V 170–179 FX Tungsten 1000W/240V 180–189 FX Tungsten 1200W/240V 190–199 FX Tungsten 2000W/230V 200–209 FX Tungsten 2500W/230V 210–219 FX Tungsten 5000W/230V 220–255 No function
25	Mix Priority	0	0–9 Main and Sub HTP 10–19 Main only 20–29 Sub only 30–39 Main and Sub additive 40–49 Main minus Sub 50–59 Sub minus Main 60–69 snap True Color Main over Sub 70–79 snap True Color Sub over Main 80–89 cross True Color Main over Sub 90–99 cross True Color Sub over Main 100–127 NoFeature 128–130 Main only 2 131–190 cross Main HTP 191–192 Main and Sub HTP 193–252 cross Sub HTP 253–255 Sub only 2
26	Dimmer	0	0–63 Closed 64–127 25% 128–190 50% 191–254 75% 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 Segments RGBL (41ch) (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	255	0–4 Closed 5–9 Single Flash 10–99 Empty Channel Set 100–113 Slow 114–128 Medium 129–129 Fast 130–144 Slow 145–158 Medium 159–159 Fast 160–179 Slow 180–198 Medium 199–199 Fast 200–224 Slow 225–249 Medium 250–250 Fast 251–255 Open
29	Pattern Selection	0	
30	Pattern Step Speed	64	
31	Pattern Crossfade	0	0–9 Open (snap 1) 10–127 Crossfade 128–137 Off (snap 2) 138–255 Crossfade with Tail
32	Pattern Transition	0	0–9 =pen (snap 1) 10–10 Normal Transition snap 11–63 Normal Transition fade 5s 64–73 Off (snap 2) 74–74 Fade Over Black snap 75–127 Fade Over Black fade 5s 128–137 Off (snap 3) 138–138 Fade Over Full snap 139–191 Fade Over Full fade 5s 192–255 NoFeature
33	Red	255	
34	Green	255	
35	Blue	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Red	255	
40	Green	255	
41	Blue	255	