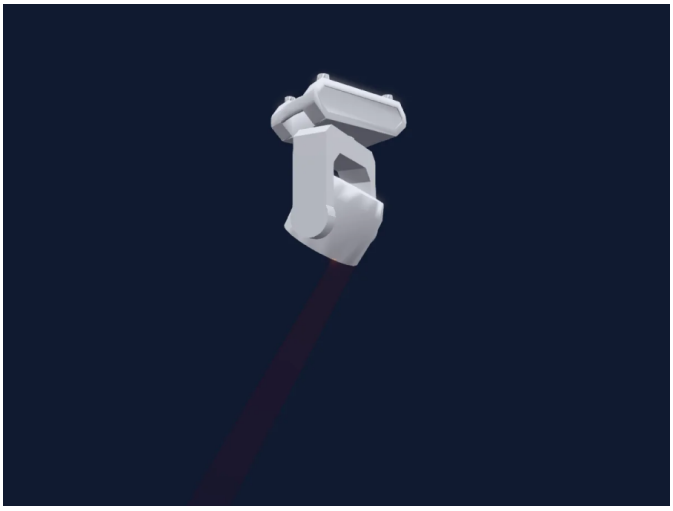
Chauvet Professional

Maverick MK Pyxis



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**10**
DMX footprint	**13, 26, 30, 40, 41, 66, 80, 113, 131 channels**
Beam angle	**2.8-6.7°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**11**
Size (W × H × D)	**247 × 183 × 241 mm**
GDTF fixture type	**CE469220-B2D2-44AC-9A44-A9…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Dual Control Movement: Basic 13Ch	13 ch
Single Control: Basic 26Ch	26 ch
Dual Control Movement: Standard 30Ch	30 ch
Dual Control Pixels: Basic 30Ch	30 ch
Dual Control Pixels: Standard 40Ch	40 ch
Dual Control Movement: Advanced 41Ch	41 ch
Single Control: Standard 66Ch	66 ch
Dual Control Pixels: Advanced 80Ch	80 ch
Single Control: Advanced 113Ch	113 ch
Single Control: Tour 131Ch	131 ch

Dual Control Movement: Basic 13Ch

13 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
6	Tilt Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
7	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Dual Control Movement: Basic 13Ch (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
12	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
13	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–49 Reserved 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–109 Reserved 110–114 Fast P/T Speed 115–119 Slow P/T Speed 120–124 Slow Fan Mode 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–255 Reserved

Single Control: Basic 26Ch

26 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
6	Tilt Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
7	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
8	C TC	0	0–0 Open 1–255 2800-10000K - CTC
9	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed 2	128	0–127 Fast > Slow 128–128 Stop 129–255 Slow > Fast
14	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Macro2	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
16	Background Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
20	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
21	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
22	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–49 Reserved 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–109 Reserved 110–114 Fast P/T Speed 115–119 Slow P/T Speed 120–124 Slow Fan Mode 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–255 Reserved
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

Single Control: Basic 26Ch (continued)

Ch	Function	Default	DMX values
24	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
26	White	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Movement: Standard 30Ch

30 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
6	Tilt Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
7	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
8	C TC	0	0–0 Open 1–255 2800-10000K - CTC

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
10	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed 2	128	0–127 Fast > Slow 128–128 Stop 129–255 Slow > Fast
14	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Macro2	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
16	Background Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
20	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
21	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
22	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–49 Reserved 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–109 Reserved 110–114 Fast P/T Speed 115–119 Slow P/T Speed 120–124 Slow Fan Mode 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–255 Reserved
23	Red	0	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Movement: Standard 30Ch (continued)

Ch	Function	Default	DMX values
24	Red	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Green	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Green	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Blue	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Blue	0	0–0 Min 1–254 Min > Max 255–255 Max
29	White	0	0–0 Min 1–254 Min > Max 255–255 Max
30	White	0	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Basic 30Ch

30 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Basic 30Ch (continued)

Ch	Function	Default	DMX values
11	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Basic 30Ch (continued)

Ch	Function	Default	DMX values
29	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Standard 40Ch

40 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
12	White	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Standard 40Ch (continued)

Ch	Function	Default	DMX values
16	White	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
20	White	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
24	White	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
28	White	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
32	White	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Pixels: Standard 40Ch (continued)

Ch	Function	Default	DMX values
34	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
36	White	255	0–0 Min 1–254 Min > Max 255–255 Max
37	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
40	White	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Movement: Advanced 41Ch

41 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
6	Tilt Rotate	0	0–0 Stop 1–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–255 S > F - Rotate CCW
7	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
8	C TC	0	0–0 Open 1–255 2800-10000K - CTC

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
10	Color Macro1	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed 2	128	0–127 Fast > Slow 128–128 Stop 129–255 Slow > Fast
14	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Macro2	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 5) 11–11 Blue (wheel slot 6) 12–48 + Green (wheel slot 7) 49–49 Cyan (wheel slot 8) 50–86 - Blue (wheel slot 9) 87–87 Green (wheel slot 10) 88–124 + Red (wheel slot 11) 125–125 Yellow (wheel slot 12) 126–162 - Green (wheel slot 13) 163–163 Red (wheel slot 14) 164–200 + Blue (wheel slot 15) 201–201 Magenta (wheel slot 16) 202–238 - Red (wheel slot 17) 239–239 Blue (wheel slot 6) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
16	Background Dimmer	0	
17	Background Dimmer Fine	0	Fine byte of Background Dimmer
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
22	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
23	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
24	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
25	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–49 Reserved 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–109 Reserved 110–114 Fast P/T Speed 115–119 Slow P/T Speed 120–124 Slow Fan Mode 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–255 Reserved
26	Red	0	
27	Red Fine	0	Fine byte of Red
28	Red	0	
29	Red Fine	0	Fine byte of Red

Dual Control Movement: Advanced 41Ch (continued)

Ch	Function	Default	DMX values
30	Green	0	
31	Green Fine	0	Fine byte of Green
32	Green	0	
33	Green Fine	0	Fine byte of Green
34	Blue	0	
35	Blue Fine	0	Fine byte of Blue
36	Blue	0	
37	Blue Fine	0	Fine byte of Blue
38	White	0	
39	White Fine	0	Fine byte of White
40	White	0	
41	White Fine	0	Fine byte of White

Single Control: Standard 66Ch

66 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	
6	Tilt Rotate	0	
7	Position MSpeed	0	
8	C TC	0	
9	Color Macro1	0	
10	Color Macro1	0	
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Single Control: Standard 66Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro
13	Effect Speed 2	128	

Single Control: Standard 66Ch (continued)

Ch	Function	Default	DMX values
14	Effects2Adjust1	0	
15	Color Macro2	0	
16	Background Dimmer	0	
17	Dimmer	0	
18	Dimmer	0	
19	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Single Control: Standard 66Ch (continued)

Ch	Function	Default	DMX values
20	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
21	Zoom	127	
22	Control1	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	White	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	White	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	White	255	
39	Red	255	
40	Green	255	
41	Blue	255	

Single Control: Standard 66Ch (continued)

Ch	Function	Default	DMX values
42	White	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	White	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	White	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	White	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	White	255	
63	Red	255	
64	Green	255	
65	Blue	255	
66	White	255	

Dual Control Pixels: Advanced 80Ch

80 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	White	255	
16	White Fine	255	Fine byte of White

Dual Control Pixels: Advanced 80Ch (continued)

Ch	Function	Default	DMX values
17	Red	255	
18	Red Fine	255	Fine byte of Red
19	Green	255	
20	Green Fine	255	Fine byte of Green
21	Blue	255	
22	Blue Fine	255	Fine byte of Blue
23	White	255	
24	White Fine	255	Fine byte of White
25	Red	255	
26	Red Fine	255	Fine byte of Red
27	Green	255	
28	Green Fine	255	Fine byte of Green
29	Blue	255	
30	Blue Fine	255	Fine byte of Blue
31	White	255	
32	White Fine	255	Fine byte of White
33	Red	255	
34	Red Fine	255	Fine byte of Red
35	Green	255	
36	Green Fine	255	Fine byte of Green
37	Blue	255	
38	Blue Fine	255	Fine byte of Blue
39	White	255	
40	White Fine	255	Fine byte of White
41	Red	255	
42	Red Fine	255	Fine byte of Red
43	Green	255	
44	Green Fine	255	Fine byte of Green
45	Blue	255	
46	Blue Fine	255	Fine byte of Blue
47	White	255	
48	White Fine	255	Fine byte of White
49	Red	255	
50	Red Fine	255	Fine byte of Red
51	Green	255	
52	Green Fine	255	Fine byte of Green
53	Blue	255	
54	Blue Fine	255	Fine byte of Blue
55	White	255	
56	White Fine	255	Fine byte of White
57	Red	255	
58	Red Fine	255	Fine byte of Red
59	Green	255	
60	Green Fine	255	Fine byte of Green
61	Blue	255	

Dual Control Pixels: Advanced 80Ch (continued)

Ch	Function	Default	DMX values
62	Blue Fine	255	Fine byte of Blue
63	White	255	
64	White Fine	255	Fine byte of White
65	Red	255	
66	Red Fine	255	Fine byte of Red
67	Green	255	
68	Green Fine	255	Fine byte of Green
69	Blue	255	
70	Blue Fine	255	Fine byte of Blue
71	White	255	
72	White Fine	255	Fine byte of White
73	Red	255	
74	Red Fine	255	Fine byte of Red
75	Green	255	
76	Green Fine	255	Fine byte of Green
77	Blue	255	
78	Blue Fine	255	Fine byte of Blue
79	White	255	
80	White Fine	255	Fine byte of White

Single Control: Advanced 113Ch

113 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	
6	Tilt Rotate	0	
7	Position MSpeed	0	
8	C TC	0	
9	Color Macro1	0	
10	Color Macro1	0	
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Single Control: Advanced 113Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro
13	Effect Speed 2	128	

Single Control: Advanced 113Ch (continued)

Ch	Function	Default	DMX values
14	Effects2Adjust1	0	
15	Color Macro2	0	
16	Background Dimmer	0	
17	Background Dimmer Fine	0	Fine byte of Background Dimmer
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer
22	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Single Control: Advanced 113Ch (continued)

Ch	Function	Default	DMX values
23	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
24	Zoom	127	
25	Control1	0	
26	Red	0	
27	Red Fine	0	Fine byte of Red
28	Green	0	
29	Green Fine	0	Fine byte of Green
30	Blue	0	
31	Blue Fine	0	Fine byte of Blue
32	White	0	
33	White Fine	0	Fine byte of White
34	Red	255	
35	Red Fine	255	Fine byte of Red
36	Green	255	
37	Green Fine	255	Fine byte of Green
38	Blue	255	
39	Blue Fine	255	Fine byte of Blue
40	White	255	
41	White Fine	255	Fine byte of White
42	Red	255	
43	Red Fine	255	Fine byte of Red
44	Green	255	

Single Control: Advanced 113Ch (continued)

Ch	Function	Default	DMX values
45	Green Fine	255	Fine byte of Green
46	Blue	255	
47	Blue Fine	255	Fine byte of Blue
48	White	255	
49	White Fine	255	Fine byte of White
50	Red	255	
51	Red Fine	255	Fine byte of Red
52	Green	255	
53	Green Fine	255	Fine byte of Green
54	Blue	255	
55	Blue Fine	255	Fine byte of Blue
56	White	255	
57	White Fine	255	Fine byte of White
58	Red	255	
59	Red Fine	255	Fine byte of Red
60	Green	255	
61	Green Fine	255	Fine byte of Green
62	Blue	255	
63	Blue Fine	255	Fine byte of Blue
64	White	255	
65	White Fine	255	Fine byte of White
66	Red	255	
67	Red Fine	255	Fine byte of Red
68	Green	255	
69	Green Fine	255	Fine byte of Green
70	Blue	255	
71	Blue Fine	255	Fine byte of Blue
72	White	255	
73	White Fine	255	Fine byte of White
74	Red	255	
75	Red Fine	255	Fine byte of Red
76	Green	255	
77	Green Fine	255	Fine byte of Green
78	Blue	255	
79	Blue Fine	255	Fine byte of Blue
80	White	255	
81	White Fine	255	Fine byte of White
82	Red	255	
83	Red Fine	255	Fine byte of Red
84	Green	255	
85	Green Fine	255	Fine byte of Green
86	Blue	255	
87	Blue Fine	255	Fine byte of Blue
88	White	255	
89	White Fine	255	Fine byte of White

Single Control: Advanced 113Ch (continued)

Ch	Function	Default	DMX values
90	Red	255	
91	Red Fine	255	Fine byte of Red
92	Green	255	
93	Green Fine	255	Fine byte of Green
94	Blue	255	
95	Blue Fine	255	Fine byte of Blue
96	White	255	
97	White Fine	255	Fine byte of White
98	Red	255	
99	Red Fine	255	Fine byte of Red
100	Green	255	
101	Green Fine	255	Fine byte of Green
102	Blue	255	
103	Blue Fine	255	Fine byte of Blue
104	White	255	
105	White Fine	255	Fine byte of White
106	Red	255	
107	Red Fine	255	Fine byte of Red
108	Green	255	
109	Green Fine	255	Fine byte of Green
110	Blue	255	
111	Blue Fine	255	Fine byte of Blue
112	White	255	
113	White Fine	255	Fine byte of White

Single Control: Tour 131Ch

131 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	
6	Tilt Rotate	0	
7	Position MSpeed	0	
8	C TC	0	
9	Color Macro1	0	
10	Color Macro1	0	
11	Effect	0	0–0 Open 1–255 Gobo - Macro

Single Control: Tour 131Ch (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–15 LED Built-In Open 16–19 LED Built-In 1 - Macro 20–23 LED Built-In 2 - Macro 24–27 LED Built-In 3 - Macro 28–31 LED Built-In 4 - Macro 32–35 LED Built-In 5 - Macro 36–39 LED Built-In 6 - Macro 40–43 LED Built-In 7 - Macro 44–47 LED Built-In 8 - Macro 48–51 LED Built-In 9 - Macro 52–55 LED Built-In 10 - Macro 56–59 LED Built-In 11 - Macro 60–63 LED Built-In 12 - Macro 64–67 LED Built-In 13 - Macro 68–71 LED Built-In 14 - Macro 72–75 LED Built-In 15 - Macro 76–79 LED Built-In 16 - Macro 80–83 LED Built-In 17 - Macro 84–87 LED Built-In 18 - Macro 88–91 LED Built-In 19 - Macro 92–95 LED Built-In 20 - Macro 96–99 LED Built-In 21 - Macro 100–103 LED Built-In 22 - Macro 104–107 LED Built-In 23 - Macro 108–111 LED Built-In 24 - Macro 112–115 LED Built-In 25 - Macro 116–119 LED Built-In 26 - Macro 120–123 LED Built-In 27 - Macro 124–127 LED Built-In 28 - Macro 128–131 LED Built-In 29 - Macro 132–135 LED Built-In 30 - Macro 136–139 LED Built-In 61 - Macro 140–143 LED Built-In 62 - Macro 144–147 LED Built-In 63 - Macro 148–151 LED Built-In 64 - Macro 152–155 LED Built-In 65 - Macro 156–159 LED Built-In 66 - Macro 160–163 LED Built-In 67 - Macro 164–167 LED Built-In 68 - Macro 168–171 LED Built-In 69 - Macro 172–175 LED Built-In 70 - Macro 176–179 LED Built-In 71 - Macro 180–183 LED Built-In 72 - Macro 184–187 LED Built-In 73 - Macro 188–191 LED Built-In 74 - Macro 192–195 LED Built-In 75 - Macro 196–199 LED Built-In 76 - Macro 200–203 LED Built-In 77 - Macro 204–207 LED Built-In 78 - Macro 208–211 LED Built-In 79 - Macro 212–215 LED Built-In 80 - Macro 216–219 LED Built-In 81 - Macro 220–223 LED Built-In 82 - Macro 224–227 LED Built-In 83 - Macro 228–231 LED Built-In 84 - Macro 232–235 LED Built-In 85 - Macro 236–239 LED Built-In 86 - Macro 240–243 LED Built-In 87 - Macro 244–247 LED Built-In 88 - Macro 248–251 LED Built-In 89 - Macro 252–255 LED Built-In 90 - Macro
13	Effect Speed 2	128	

Single Control: Tour 131Ch (continued)

Ch	Function	Default	DMX values
14	Effects2Adjust1	0	
15	Color Macro2	0	
16	Background Dimmer	0	
17	Background Dimmer Fine	0	Fine byte of Background Dimmer
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open

Single Control: Tour 131Ch (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–68 STROBE · Fast > Slow 19.5–0.552 Hz 69–69 STROBE · Slow 0.1 Hz 70–70 STROBE 100-0% · Fast 20 Hz 71–88 STROBE 100-0% · Fast > Slow 19–1.15 Hz 89–89 STROBE 100-0% · Slow 0.1 Hz 90–90 STROBE 0-100% · Fast 20 Hz 91–108 STROBE 0-100% · Fast > Slow 19–1.15 Hz 109–109 STROBE 0-100% · Slow 0.1 Hz 110–110 RANDOM STROBE · Fast 20 Hz 111–128 RANDOM STROBE · Fast > Slow 19–1.15 Hz 129–129 RANDOM STROBE · Slow 0.1 Hz 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–148 RANDOM STROBE 100-0% · Fast > Slow 19–1.15 Hz 149–149 RANDOM STROBE 100-0% · Slow 0.1 Hz 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–168 RANDOM STROBE 0-100% · Fast > Slow 19–1.15 Hz 169–169 RANDOM STROBE 0-100% · Slow 0.1 Hz 170–170 PULSE STROBE · Fast 20 Hz 171–188 PULSE STROBE · Fast > Slow 19–1.15 Hz 189–189 PULSE STROBE · Slow 0.1 Hz 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–208 RANDOM PULSE STROBE · Fast > Slow 19–1.15 Hz 209–209 RANDOM PULSE STROBE · Slow 0.1 Hz 210–210 STROBE 0-100-0% · Fast 20 Hz 211–228 STROBE 0-100-0% · Fast > Slow 19–1.15 Hz 229–229 STROBE 0-100-0% · Slow 0.1 Hz 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
22	Zoom	127	
23	Control1	0	
24	Red	0	
25	Red Fine	0	Fine byte of Red
26	Green	0	
27	Green Fine	0	Fine byte of Green
28	Blue	0	
29	Blue Fine	0	Fine byte of Blue
30	White	0	
31	White Fine	0	Fine byte of White
32	Dimmer	255	
33	Dimmer Fine	255	Fine byte of Dimmer
34	Red	255	
35	Red Fine	255	Fine byte of Red
36	Green	255	
37	Green Fine	255	Fine byte of Green
38	Blue	255	
39	Blue Fine	255	Fine byte of Blue
40	White	255	
41	White Fine	255	Fine byte of White
42	Dimmer	255	

Single Control: Tour 131Ch (continued)

Ch	Function	Default	DMX values
43	Dimmer Fine	255	Fine byte of Dimmer
44	Red	255	
45	Red Fine	255	Fine byte of Red
46	Green	255	
47	Green Fine	255	Fine byte of Green
48	Blue	255	
49	Blue Fine	255	Fine byte of Blue
50	White	255	
51	White Fine	255	Fine byte of White
52	Dimmer	255	
53	Dimmer Fine	255	Fine byte of Dimmer
54	Red	255	
55	Red Fine	255	Fine byte of Red
56	Green	255	
57	Green Fine	255	Fine byte of Green
58	Blue	255	
59	Blue Fine	255	Fine byte of Blue
60	White	255	
61	White Fine	255	Fine byte of White
62	Dimmer	255	
63	Dimmer Fine	255	Fine byte of Dimmer
64	Red	255	
65	Red Fine	255	Fine byte of Red
66	Green	255	
67	Green Fine	255	Fine byte of Green
68	Blue	255	
69	Blue Fine	255	Fine byte of Blue
70	White	255	
71	White Fine	255	Fine byte of White
72	Dimmer	255	
73	Dimmer Fine	255	Fine byte of Dimmer
74	Red	255	
75	Red Fine	255	Fine byte of Red
76	Green	255	
77	Green Fine	255	Fine byte of Green
78	Blue	255	
79	Blue Fine	255	Fine byte of Blue
80	White	255	
81	White Fine	255	Fine byte of White
82	Dimmer	255	
83	Dimmer Fine	255	Fine byte of Dimmer
84	Red	255	
85	Red Fine	255	Fine byte of Red
86	Green	255	
87	Green Fine	255	Fine byte of Green

Single Control: Tour 131Ch (continued)

Ch	Function	Default	DMX values
88	Blue	255	
89	Blue Fine	255	Fine byte of Blue
90	White	255	
91	White Fine	255	Fine byte of White
92	Dimmer	255	
93	Dimmer Fine	255	Fine byte of Dimmer
94	Red	255	
95	Red Fine	255	Fine byte of Red
96	Green	255	
97	Green Fine	255	Fine byte of Green
98	Blue	255	
99	Blue Fine	255	Fine byte of Blue
100	White	255	
101	White Fine	255	Fine byte of White
102	Dimmer	255	
103	Dimmer Fine	255	Fine byte of Dimmer
104	Red	255	
105	Red Fine	255	Fine byte of Red
106	Green	255	
107	Green Fine	255	Fine byte of Green
108	Blue	255	
109	Blue Fine	255	Fine byte of Blue
110	White	255	
111	White Fine	255	Fine byte of White
112	Dimmer	255	
113	Dimmer Fine	255	Fine byte of Dimmer
114	Red	255	
115	Red Fine	255	Fine byte of Red
116	Green	255	
117	Green Fine	255	Fine byte of Green
118	Blue	255	
119	Blue Fine	255	Fine byte of Blue
120	White	255	
121	White Fine	255	Fine byte of White
122	Dimmer	255	
123	Dimmer Fine	255	Fine byte of Dimmer
124	Red	255	
125	Red Fine	255	Fine byte of Red
126	Green	255	
127	Green Fine	255	Fine byte of Green
128	Blue	255	
129	Blue Fine	255	Fine byte of Blue
130	White	255	
131	White Fine	255	Fine byte of White