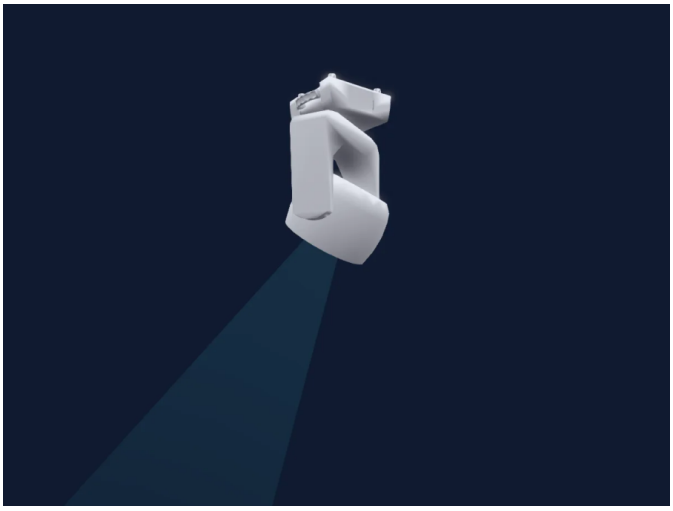
Chauvet Professional

Rogue outcast 3X Wash



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**21, 62, 71, 107 channels**
Beam angle	**9.3-49.5°**
Pan range	**540°**
Tilt range	**230°**
Heads / cells	**11**
Size (W × H × D)	**299 × 190 × 290 mm**
GDTF fixture type	**6A609EB5-FC11-4FE1-AADC-FF...**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

21Ch	21 ch
62Ch	62 ch
71Ch	71 ch
107Ch	107 ch

21Ch

21 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	22	0–19 Closed - Shutter Closed 20–24 Open - Shutter Open 25–64 Strobe 1 F > S - Strobe 65–69 Open - Shutter Open 70–84 Strobe 2 Fast On Slow Off F > S - Strobe 85–89 Open - Shutter Open 90–104 Strobe 3 Slow On Fast Off - Strobe Random 105–109 Open - Shutter Open 110–124 Strobe Random F > S - Strobe Random 125–129 Open - Shutter Open 130–144 Rnd Fast On Slow Off - Strobe Random 145–149 Open - Shutter Open 150–164 Rnd Slow On Fast Off - Strobe Random 165–169 Open - Shutter Open 170–184 Pulse Strobe F > S - Strobe Pulse Open 185–189 Open - Shutter Open 190–204 Strobe Pulse Random F > S - Strobe Pulse Random 205–209 Open - Shutter Open 210–224 Fade On Or Off F > S - Strobe 225–229 Open - Shutter Open 230–244 Pulse Strobe F > S - Strobe Pulse Random 245–255 Open - Shutter Open
8	C TC	0	

21Ch (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 2700K (wheel slot 1) 3–6 3200K (wheel slot 2) 7–8 4200K (wheel slot 3) 9–10 5600K (wheel slot 4) 11–12 6500K (wheel slot 5) 13–14 8000K (wheel slot 6) 15–15 Blue (wheel slot 7) 16–51 +Green (wheel slot 8) 52–52 Cyan (wheel slot 9) 53–88 -Blue (wheel slot 10) 89–89 Green (wheel slot 11) 90–125 +Red (wheel slot 12) 126–126 Yellow (wheel slot 13) 127–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

21Ch (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 No Function - Custom 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–54 Gobo 16 - Gobo (wheel slot 17) 55–57 Gobo 17 - Gobo (wheel slot 18) 58–60 Gobo 18 - Gobo (wheel slot 19) 61–63 Gobo 19 - Gobo (wheel slot 20) 64–66 Gobo 20 - Gobo (wheel slot 21) 67–69 Gobo 21 - Gobo (wheel slot 22) 70–72 Gobo 22 - Gobo (wheel slot 23) 73–75 Gobo 23 - Gobo (wheel slot 24) 76–78 Gobo 24 - Gobo (wheel slot 25) 79–81 Gobo 25 - Gobo (wheel slot 26) 82–84 Gobo 26 - Gobo (wheel slot 27) 85–87 Gobo 27 - Gobo (wheel slot 28) 88–90 Gobo 28 - Gobo (wheel slot 29) 91–93 Gobo 29 - Gobo (wheel slot 30) 94–96 Gobo 30 - Gobo (wheel slot 31) 97–99 Gobo 31 - Gobo (wheel slot 32) 100–102 Gobo 32 - Gobo (wheel slot 33) 103–105 Gobo 33 - Gobo (wheel slot 34) 106–108 Gobo 34 - Gobo (wheel slot 35) 109–111 Gobo 35 - Gobo (wheel slot 36) 112–114 Gobo 36 - Gobo (wheel slot 37) 115–117 Gobo 37 - Gobo (wheel slot 38) 118–120 Gobo 38 - Gobo (wheel slot 39) 121–123 Gobo 39 - Gobo (wheel slot 40) 124–126 Gobo 40 - Gobo (wheel slot 41) 127–129 Gobo 41 - Gobo (wheel slot 42) 130–132 Gobo 42 - Gobo (wheel slot 43) 133–135 Gobo 43 - Gobo (wheel slot 44) 136–138 Gobo 44 - Gobo (wheel slot 45) 139–141 Gobo 45 - Gobo (wheel slot 46) 142–144 Gobo 46 - Gobo (wheel slot 47) 145–147 Gobo 47 - Gobo (wheel slot 48) 148–150 Gobo 48 - Gobo (wheel slot 49) 151–153 Gobo 49 - Gobo (wheel slot 50) 154–156 Gobo 50 - Gobo (wheel slot 51) 157–159 Gobo 51 - Gobo (wheel slot 52) 160–162 Gobo 52 - Gobo (wheel slot 53) 163–165 Gobo 53 - Gobo (wheel slot 54) 166–168 Gobo 54 - Gobo (wheel slot 55) 169–171 Gobo 55 - Gobo (wheel slot 56) 172–174 Gobo 56 - Gobo (wheel slot 57) 175–177 Gobo 57 - Gobo (wheel slot 58) 178–180 Gobo 58 - Gobo (wheel slot 59) 181–183 Gobo 59 - Gobo (wheel slot 60) 184–186 Gobo 60 - Gobo (wheel slot 61) 187–189 Gobo 61 - Gobo (wheel slot 62) 190–192 Gobo 62 - Gobo (wheel slot 63)

21Ch (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–15 No Func - Custom 16–17 Built-In 1 - Effect 18–19 Built-In 2 - Effect 20–21 Built-In 3 - Effect 22–23 Built-In 4 - Effect 24–25 Built-In 5 - Effect 26–27 Built-In 6 - Effect 28–29 Built-In 7 - Effect 30–31 Built-In 8 - Effect 32–33 Built-In 9 - Effect 34–35 Built-In 10 - Effect 36–37 Built-In 11 - Effect 38–39 Built-In 12 - Effect 40–41 Built-In 13 - Effect 42–43 Built-In 14 - Effect 44–45 Built-In 15 - Effect 46–47 Built-In 16 - Effect 48–49 Built-In 17 - Effect 50–51 Built-In 18 - Effect 52–53 Built-In 19 - Effect 54–55 Built-In 20 - Effect 56–57 Built-In 21 - Effect 58–59 Built-In 22 - Effect 60–61 Built-In 23 - Effect 62–63 Built-In 24 - Effect 64–65 Built-In 25 - Effect 66–67 Built-In 26 - Effect 68–69 Built-In 27 - Effect 70–71 Built-In 28 - Effect 72–73 Built-In 29 - Effect 74–75 Built-In 30 - Effect 76–77 Built-In 31 - Effect 78–79 Built-In 32 - Effect 80–81 Built-In 33 - Effect 82–83 Built-In 34 - Effect 84–85 Built-In 35 - Effect 86–87 Built-In 36 - Effect 88–89 Built-In 37 - Effect 90–91 Built-In 38 - Effect 92–93 Built-In 39 - Effect 94–95 Built-In 40 - Effect 96–97 Built-In 41 - Effect 98–99 Built-In 42 - Effect 100–101 Built-In 43 - Effect 102–103 Built-In 44 - Effect 104–105 Built-In 45 - Effect 106–107 Built-In 46 - Effect 108–109 Built-In 47 - Effect 110–111 Built-In 48 - Effect 112–113 Built-In 49 - Effect 114–115 Built-In 50 - Effect 116–117 Built-In 51 - Effect 118–119 Built-In 52 - Effect 120–121 Built-In 53 - Effect 122–123 Built-In 54 - Effect 124–125 Built-In 55 - Effect 126–127 Built-In 56 - Effect 128–135 Built-In 57 - Effect 136–137 Built-In 58 - Effect 138–139 Built-In 59 - Effect 140–141 Built-In 60 - Effect 142–143 Built-In 61 - Effect 144–145 Built-In 62 - Effect 146–147 Built-In 63 - Effect

21Ch (continued)

Ch	Function	Default	DMX values
12	Effect Speed	0	0–0 Stop - Stop Loop 1–127 F > S - Rotate CW 128–255 S > F - Rotate CCW
13	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4000K - CTC (wheel slot 3) 7–8 White 4200K - CTC (wheel slot 4) 9–10 White 5600K - CTC (wheel slot 5) 11–12 White 6500K - CTC (wheel slot 6) 13–14 White 7500K - CTC (wheel slot 7) 15–15 Blue (wheel slot 8) 16–51 +Green (wheel slot 9) 52–52 Cyan (wheel slot 10) 53–88 -Blue (wheel slot 11) 89–89 Green (wheel slot 12) 90–125 +Red (wheel slot 13) 126–126 Yellow (wheel slot 14) 127–162 -Green (wheel slot 15) 163–163 Red (wheel slot 16) 164–200 +Blue (wheel slot 17) 201–201 Magenta (wheel slot 18) 202–238 -Red (wheel slot 19) 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
15	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

21Ch (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–9 No Func - Custom 10–14 P/T BO - Blackout 15–19 No Function 20–24 RGBW Color Mixing 25–29 CMY Color Mixing 30–49 No Function 50–54 Tilt Reset 55–59 Pan Reset 60–64 Zoom Reset 65–69 No Function 70–74 All Reset 75–79 No Function 80–84 Pan/Tilt Reverse - On 85–89 Pan Reverse - On 90–94 Tilt Reverse - On 95–99 Pan Reverse - Off 100–104 Tilt Reverse - Off 105–109 Pan/Tilt Reverse - Off 110–119 No Function 120–124 Fan Low Speed 125–129 Fan Full Speed 130–134 Fan Auto Speed 135–139 Dimmer Fast Mode 140–144 Dimmer Smooth Mode 145–149 Linear Curve 150–154 Square Curve 155–159 Inverse Square Curve 160–164 S Curve 165–169 White Mode On 170–174 White Mode Off 175–255 No Function
18	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
21	White	255	0–0 Min 1–254 Min > Max 255–255 Max

62Ch

62 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max

62Ch (continued)

Ch	Function	Default	DMX values
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	22	0–19 Closed - Shutter Closed 20–24 Open - Shutter Open 25–64 Strobe 1 F > S - Strobe 65–69 Open - Shutter Open 70–84 Strobe 2 Fast On Slow Off F > S - Strobe 85–89 Open - Shutter Open 90–104 Strobe 3 Slow On Fast Off - Strobe Random 105–109 Open - Shutter Open 110–124 Strobe Random F > S - Strobe Random 125–129 Open - Shutter Open 130–144 Rnd Fast On Slow Off - Strobe Random 145–149 Open - Shutter Open 150–164 Rnd Slow On Fast Off - Strobe Random 165–169 Open - Shutter Open 170–184 Pulse Strobe F > S - Strobe Pulse Open 185–189 Open - Shutter Open 190–204 Strobe Pulse Random F > S - Strobe Pulse Random 205–209 Open - Shutter Open 210–224 Fade On Or Off F > S - Strobe 225–229 Open - Shutter Open 230–244 Pulse Strobe F > S - Strobe Pulse Random 245–255 Open - Shutter Open
9	C TC	0	
10	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 2700K (wheel slot 1) 3–6 3200K (wheel slot 2) 7–8 4200K (wheel slot 3) 9–10 5600K (wheel slot 4) 11–12 6500K (wheel slot 5) 13–14 8000K (wheel slot 6) 15–15 Blue (wheel slot 7) 16–51 +Green (wheel slot 8) 52–52 Cyan (wheel slot 9) 53–88 -Blue (wheel slot 10) 89–89 Green (wheel slot 11) 90–125 +Red (wheel slot 12) 126–126 Yellow (wheel slot 13) 127–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow

62Ch (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 No Function - Custom 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–54 Gobo 16 - Gobo (wheel slot 17) 55–57 Gobo 17 - Gobo (wheel slot 18) 58–60 Gobo 18 - Gobo (wheel slot 19) 61–63 Gobo 19 - Gobo (wheel slot 20) 64–66 Gobo 20 - Gobo (wheel slot 21) 67–69 Gobo 21 - Gobo (wheel slot 22) 70–72 Gobo 22 - Gobo (wheel slot 23) 73–75 Gobo 23 - Gobo (wheel slot 24) 76–78 Gobo 24 - Gobo (wheel slot 25) 79–81 Gobo 25 - Gobo (wheel slot 26) 82–84 Gobo 26 - Gobo (wheel slot 27) 85–87 Gobo 27 - Gobo (wheel slot 28) 88–90 Gobo 28 - Gobo (wheel slot 29) 91–93 Gobo 29 - Gobo (wheel slot 30) 94–96 Gobo 30 - Gobo (wheel slot 31) 97–99 Gobo 31 - Gobo (wheel slot 32) 100–102 Gobo 32 - Gobo (wheel slot 33) 103–105 Gobo 33 - Gobo (wheel slot 34) 106–108 Gobo 34 - Gobo (wheel slot 35) 109–111 Gobo 35 - Gobo (wheel slot 36) 112–114 Gobo 36 - Gobo (wheel slot 37) 115–117 Gobo 37 - Gobo (wheel slot 38) 118–120 Gobo 38 - Gobo (wheel slot 39) 121–123 Gobo 39 - Gobo (wheel slot 40) 124–126 Gobo 40 - Gobo (wheel slot 41) 127–129 Gobo 41 - Gobo (wheel slot 42) 130–132 Gobo 42 - Gobo (wheel slot 43) 133–135 Gobo 43 - Gobo (wheel slot 44) 136–138 Gobo 44 - Gobo (wheel slot 45) 139–141 Gobo 45 - Gobo (wheel slot 46) 142–144 Gobo 46 - Gobo (wheel slot 47) 145–147 Gobo 47 - Gobo (wheel slot 48) 148–150 Gobo 48 - Gobo (wheel slot 49) 151–153 Gobo 49 - Gobo (wheel slot 50) 154–156 Gobo 50 - Gobo (wheel slot 51) 157–159 Gobo 51 - Gobo (wheel slot 52) 160–162 Gobo 52 - Gobo (wheel slot 53) 163–165 Gobo 53 - Gobo (wheel slot 54) 166–168 Gobo 54 - Gobo (wheel slot 55) 169–171 Gobo 55 - Gobo (wheel slot 56) 172–174 Gobo 56 - Gobo (wheel slot 57) 175–177 Gobo 57 - Gobo (wheel slot 58) 178–180 Gobo 58 - Gobo (wheel slot 59) 181–183 Gobo 59 - Gobo (wheel slot 60) 184–186 Gobo 60 - Gobo (wheel slot 61) 187–189 Gobo 61 - Gobo (wheel slot 62) 190–192 Gobo 62 - Gobo (wheel slot 63)

62Ch (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–15 No Func - Custom 16–17 Built-In 1 - Effect 18–19 Built-In 2 - Effect 20–21 Built-In 3 - Effect 22–23 Built-In 4 - Effect 24–25 Built-In 5 - Effect 26–27 Built-In 6 - Effect 28–29 Built-In 7 - Effect 30–31 Built-In 8 - Effect 32–33 Built-In 9 - Effect 34–35 Built-In 10 - Effect 36–37 Built-In 11 - Effect 38–39 Built-In 12 - Effect 40–41 Built-In 13 - Effect 42–43 Built-In 14 - Effect 44–45 Built-In 15 - Effect 46–47 Built-In 16 - Effect 48–49 Built-In 17 - Effect 50–51 Built-In 18 - Effect 52–53 Built-In 19 - Effect 54–55 Built-In 20 - Effect 56–57 Built-In 21 - Effect 58–59 Built-In 22 - Effect 60–61 Built-In 23 - Effect 62–63 Built-In 24 - Effect 64–65 Built-In 25 - Effect 66–67 Built-In 26 - Effect 68–69 Built-In 27 - Effect 70–71 Built-In 28 - Effect 72–73 Built-In 29 - Effect 74–75 Built-In 30 - Effect 76–77 Built-In 31 - Effect 78–79 Built-In 32 - Effect 80–81 Built-In 33 - Effect 82–83 Built-In 34 - Effect 84–85 Built-In 35 - Effect 86–87 Built-In 36 - Effect 88–89 Built-In 37 - Effect 90–91 Built-In 38 - Effect 92–93 Built-In 39 - Effect 94–95 Built-In 40 - Effect 96–97 Built-In 41 - Effect 98–99 Built-In 42 - Effect 100–101 Built-In 43 - Effect 102–103 Built-In 44 - Effect 104–105 Built-In 45 - Effect 106–107 Built-In 46 - Effect 108–109 Built-In 47 - Effect 110–111 Built-In 48 - Effect 112–113 Built-In 49 - Effect 114–115 Built-In 50 - Effect 116–117 Built-In 51 - Effect 118–119 Built-In 52 - Effect 120–121 Built-In 53 - Effect 122–123 Built-In 54 - Effect 124–125 Built-In 55 - Effect 126–127 Built-In 56 - Effect 128–135 Built-In 57 - Effect 136–137 Built-In 58 - Effect 138–139 Built-In 59 - Effect 140–141 Built-In 60 - Effect 142–143 Built-In 61 - Effect 144–145 Built-In 62 - Effect 146–147 Built-In 63 - Effect

62Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	0–0 Stop - Stop Loop 1–127 F > S - Rotate CW 128–255 S > F - Rotate CCW
14	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4000K - CTC (wheel slot 3) 7–8 White 4200K - CTC (wheel slot 4) 9–10 White 5600K - CTC (wheel slot 5) 11–12 White 6500K - CTC (wheel slot 6) 13–14 White 7500K - CTC (wheel slot 7) 15–15 Blue (wheel slot 8) 16–51 +Green (wheel slot 9) 52–52 Cyan (wheel slot 10) 53–88 -Blue (wheel slot 11) 89–89 Green (wheel slot 12) 90–125 +Red (wheel slot 13) 126–126 Yellow (wheel slot 14) 127–162 -Green (wheel slot 15) 163–163 Red (wheel slot 16) 164–200 +Blue (wheel slot 17) 201–201 Magenta (wheel slot 18) 202–238 -Red (wheel slot 19) 239–239 Blue (wheel slot 8) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
16	Dimmer	0	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	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

62Ch (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–9 No Func - Custom 10–14 P/T BO - Blackout 15–19 No Function 20–24 RGBW Color Mixing 25–29 CMY Color Mixing 30–49 No Function 50–54 Tilt Reset 55–59 Pan Reset 60–64 Zoom Reset 65–69 No Function 70–74 All Reset 75–79 No Function 80–84 Pan/Tilt Reverse - On 85–89 Pan Reverse - On 90–94 Tilt Reverse - On 95–99 Pan Reverse - Off 100–104 Tilt Reverse - Off 105–109 Pan/Tilt Reverse - Off 110–119 No Function 120–124 Fan Low Speed 125–129 Fan Full Speed 130–134 Fan Auto Speed 135–139 Dimmer Fast Mode 140–144 Dimmer Smooth Mode 145–149 Linear Curve 150–154 Square Curve 155–159 Inverse Square Curve 160–164 S Curve 165–169 White Mode On 170–174 White Mode Off 175–255 No Function
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
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
27	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
30	White	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

62Ch (continued)

Ch	Function	Default	DMX values
32	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
34	White	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
37	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
38	White	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
40	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
41	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
42	White	255	0–0 Min 1–254 Min > Max 255–255 Max
43	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
44	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
45	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
46	White	255	0–0 Min 1–254 Min > Max 255–255 Max
47	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
48	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
49	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

62Ch (continued)

Ch	Function	Default	DMX values
50	White	255	0–0 Min 1–254 Min > Max 255–255 Max
51	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
52	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
53	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
54	White	255	0–0 Min 1–254 Min > Max 255–255 Max
55	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
56	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
57	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
58	White	255	0–0 Min 1–254 Min > Max 255–255 Max
59	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
60	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
61	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
62	White	255	0–0 Min 1–254 Min > Max 255–255 Max

71Ch

71 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	Position MSpeed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer

71Ch (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	22	0–19 Closed - Shutter Closed 20–24 Open - Shutter Open 25–64 Strobe 1 F > S - Strobe 65–69 Open - Shutter Open 70–84 Strobe 2 Fast On Slow Off F > S - Strobe 85–89 Open - Shutter Open 90–104 Strobe 3 Slow On Fast Off - Strobe Random 105–109 Open - Shutter Open 110–124 Strobe Random F > S - Strobe Random 125–129 Open - Shutter Open 130–144 Rnd Fast On Slow Off - Strobe Random 145–149 Open - Shutter Open 150–164 Rnd Slow On Fast Off - Strobe Random 165–169 Open - Shutter Open 170–184 Pulse Strobe F > S - Strobe Pulse Open 185–189 Open - Shutter Open 190–204 Strobe Pulse Random F > S - Strobe Pulse Random 205–209 Open - Shutter Open 210–224 Fade On Or Off F > S - Strobe 225–229 Open - Shutter Open 230–244 Pulse Strobe F > S - Strobe Pulse Random 245–255 Open - Shutter Open
9	C TC	0	
10	Color Macro1	0	

71Ch (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 No Function - Custom 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–54 Gobo 16 - Gobo (wheel slot 17) 55–57 Gobo 17 - Gobo (wheel slot 18) 58–60 Gobo 18 - Gobo (wheel slot 19) 61–63 Gobo 19 - Gobo (wheel slot 20) 64–66 Gobo 20 - Gobo (wheel slot 21) 67–69 Gobo 21 - Gobo (wheel slot 22) 70–72 Gobo 22 - Gobo (wheel slot 23) 73–75 Gobo 23 - Gobo (wheel slot 24) 76–78 Gobo 24 - Gobo (wheel slot 25) 79–81 Gobo 25 - Gobo (wheel slot 26) 82–84 Gobo 26 - Gobo (wheel slot 27) 85–87 Gobo 27 - Gobo (wheel slot 28) 88–90 Gobo 28 - Gobo (wheel slot 29) 91–93 Gobo 29 - Gobo (wheel slot 30) 94–96 Gobo 30 - Gobo (wheel slot 31) 97–99 Gobo 31 - Gobo (wheel slot 32) 100–102 Gobo 32 - Gobo (wheel slot 33) 103–105 Gobo 33 - Gobo (wheel slot 34) 106–108 Gobo 34 - Gobo (wheel slot 35) 109–111 Gobo 35 - Gobo (wheel slot 36) 112–114 Gobo 36 - Gobo (wheel slot 37) 115–117 Gobo 37 - Gobo (wheel slot 38) 118–120 Gobo 38 - Gobo (wheel slot 39) 121–123 Gobo 39 - Gobo (wheel slot 40) 124–126 Gobo 40 - Gobo (wheel slot 41) 127–129 Gobo 41 - Gobo (wheel slot 42) 130–132 Gobo 42 - Gobo (wheel slot 43) 133–135 Gobo 43 - Gobo (wheel slot 44) 136–138 Gobo 44 - Gobo (wheel slot 45) 139–141 Gobo 45 - Gobo (wheel slot 46) 142–144 Gobo 46 - Gobo (wheel slot 47) 145–147 Gobo 47 - Gobo (wheel slot 48) 148–150 Gobo 48 - Gobo (wheel slot 49) 151–153 Gobo 49 - Gobo (wheel slot 50) 154–156 Gobo 50 - Gobo (wheel slot 51) 157–159 Gobo 51 - Gobo (wheel slot 52) 160–162 Gobo 52 - Gobo (wheel slot 53) 163–165 Gobo 53 - Gobo (wheel slot 54) 166–168 Gobo 54 - Gobo (wheel slot 55) 169–171 Gobo 55 - Gobo (wheel slot 56) 172–174 Gobo 56 - Gobo (wheel slot 57) 175–177 Gobo 57 - Gobo (wheel slot 58) 178–180 Gobo 58 - Gobo (wheel slot 59) 181–183 Gobo 59 - Gobo (wheel slot 60) 184–186 Gobo 60 - Gobo (wheel slot 61) 187–189 Gobo 61 - Gobo (wheel slot 62) 190–192 Gobo 62 - Gobo (wheel slot 63)

71Ch (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–15 No Func - Custom 16–17 Built-In 1 - Effect 18–19 Built-In 2 - Effect 20–21 Built-In 3 - Effect 22–23 Built-In 4 - Effect 24–25 Built-In 5 - Effect 26–27 Built-In 6 - Effect 28–29 Built-In 7 - Effect 30–31 Built-In 8 - Effect 32–33 Built-In 9 - Effect 34–35 Built-In 10 - Effect 36–37 Built-In 11 - Effect 38–39 Built-In 12 - Effect 40–41 Built-In 13 - Effect 42–43 Built-In 14 - Effect 44–45 Built-In 15 - Effect 46–47 Built-In 16 - Effect 48–49 Built-In 17 - Effect 50–51 Built-In 18 - Effect 52–53 Built-In 19 - Effect 54–55 Built-In 20 - Effect 56–57 Built-In 21 - Effect 58–59 Built-In 22 - Effect 60–61 Built-In 23 - Effect 62–63 Built-In 24 - Effect 64–65 Built-In 25 - Effect 66–67 Built-In 26 - Effect 68–69 Built-In 27 - Effect 70–71 Built-In 28 - Effect 72–73 Built-In 29 - Effect 74–75 Built-In 30 - Effect 76–77 Built-In 31 - Effect 78–79 Built-In 32 - Effect 80–81 Built-In 33 - Effect 82–83 Built-In 34 - Effect 84–85 Built-In 35 - Effect 86–87 Built-In 36 - Effect 88–89 Built-In 37 - Effect 90–91 Built-In 38 - Effect 92–93 Built-In 39 - Effect 94–95 Built-In 40 - Effect 96–97 Built-In 41 - Effect 98–99 Built-In 42 - Effect 100–101 Built-In 43 - Effect 102–103 Built-In 44 - Effect 104–105 Built-In 45 - Effect 106–107 Built-In 46 - Effect 108–109 Built-In 47 - Effect 110–111 Built-In 48 - Effect 112–113 Built-In 49 - Effect 114–115 Built-In 50 - Effect 116–117 Built-In 51 - Effect 118–119 Built-In 52 - Effect 120–121 Built-In 53 - Effect 122–123 Built-In 54 - Effect 124–125 Built-In 55 - Effect 126–127 Built-In 56 - Effect 128–135 Built-In 57 - Effect 136–137 Built-In 58 - Effect 138–139 Built-In 59 - Effect 140–141 Built-In 60 - Effect 142–143 Built-In 61 - Effect 144–145 Built-In 62 - Effect 146–147 Built-In 63 - Effect

71Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	
14	Effects1Adjust1	0	
15	Color Macro1	0	
16	Dimmer	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	255	
21	Zoom	127	
22	Control1	0	
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	255	
27	Dimmer	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	255	
32	Dimmer	255	
33	Red	255	
34	Green	255	
35	Blue	255	
36	White	255	
37	Dimmer	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	255	
42	Dimmer	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Dimmer	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	255	
52	Dimmer	255	
53	Red	255	
54	Green	255	
55	Blue	255	
56	White	255	
57	Dimmer	255	

71Ch (continued)

Ch	Function	Default	DMX values
58	Red	255	
59	Green	255	
60	Blue	255	
61	White	255	
62	Dimmer	255	
63	Red	255	
64	Green	255	
65	Blue	255	
66	White	255	
67	Dimmer	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	255	

107Ch

107 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	Position MSpeed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	22	0–19 Closed - Shutter Closed 20–24 Open - Shutter Open 25–64 Strobe 1 F > S - Strobe 65–69 Open - Shutter Open 70–84 Strobe 2 Fast On Slow Off F > S - Strobe 85–89 Open - Shutter Open 90–104 Strobe 3 Slow On Fast Off - Strobe Random 105–109 Open - Shutter Open 110–124 Strobe Random F > S - Strobe Random 125–129 Open - Shutter Open 130–144 Rnd Fast On Slow Off - Strobe Random 145–149 Open - Shutter Open 150–164 Rnd Slow On Fast Off - Strobe Random 165–169 Open - Shutter Open 170–184 Pulse Strobe F > S - Strobe Pulse Open 185–189 Open - Shutter Open 190–204 Strobe Pulse Random F > S - Strobe Pulse Random 205–209 Open - Shutter Open 210–224 Fade On Or Off F > S - Strobe 225–229 Open - Shutter Open 230–244 Pulse Strobe F > S - Strobe Pulse Random 245–255 Open - Shutter Open
9	C TC	0	
10	Color Macro1	0	

107Ch (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 No Function - Custom 34–36 Gobo 10 - Gobo (wheel slot 11) 37–39 Gobo 11 - Gobo (wheel slot 12) 40–42 Gobo 12 - Gobo (wheel slot 13) 43–45 Gobo 13 - Gobo (wheel slot 14) 46–48 Gobo 14 - Gobo (wheel slot 15) 49–51 Gobo 15 - Gobo (wheel slot 16) 52–54 Gobo 16 - Gobo (wheel slot 17) 55–57 Gobo 17 - Gobo (wheel slot 18) 58–60 Gobo 18 - Gobo (wheel slot 19) 61–63 Gobo 19 - Gobo (wheel slot 20) 64–66 Gobo 20 - Gobo (wheel slot 21) 67–69 Gobo 21 - Gobo (wheel slot 22) 70–72 Gobo 22 - Gobo (wheel slot 23) 73–75 Gobo 23 - Gobo (wheel slot 24) 76–78 Gobo 24 - Gobo (wheel slot 25) 79–81 Gobo 25 - Gobo (wheel slot 26) 82–84 Gobo 26 - Gobo (wheel slot 27) 85–87 Gobo 27 - Gobo (wheel slot 28) 88–90 Gobo 28 - Gobo (wheel slot 29) 91–93 Gobo 29 - Gobo (wheel slot 30) 94–96 Gobo 30 - Gobo (wheel slot 31) 97–99 Gobo 31 - Gobo (wheel slot 32) 100–102 Gobo 32 - Gobo (wheel slot 33) 103–105 Gobo 33 - Gobo (wheel slot 34) 106–108 Gobo 34 - Gobo (wheel slot 35) 109–111 Gobo 35 - Gobo (wheel slot 36) 112–114 Gobo 36 - Gobo (wheel slot 37) 115–117 Gobo 37 - Gobo (wheel slot 38) 118–120 Gobo 38 - Gobo (wheel slot 39) 121–123 Gobo 39 - Gobo (wheel slot 40) 124–126 Gobo 40 - Gobo (wheel slot 41) 127–129 Gobo 41 - Gobo (wheel slot 42) 130–132 Gobo 42 - Gobo (wheel slot 43) 133–135 Gobo 43 - Gobo (wheel slot 44) 136–138 Gobo 44 - Gobo (wheel slot 45) 139–141 Gobo 45 - Gobo (wheel slot 46) 142–144 Gobo 46 - Gobo (wheel slot 47) 145–147 Gobo 47 - Gobo (wheel slot 48) 148–150 Gobo 48 - Gobo (wheel slot 49) 151–153 Gobo 49 - Gobo (wheel slot 50) 154–156 Gobo 50 - Gobo (wheel slot 51) 157–159 Gobo 51 - Gobo (wheel slot 52) 160–162 Gobo 52 - Gobo (wheel slot 53) 163–165 Gobo 53 - Gobo (wheel slot 54) 166–168 Gobo 54 - Gobo (wheel slot 55) 169–171 Gobo 55 - Gobo (wheel slot 56) 172–174 Gobo 56 - Gobo (wheel slot 57) 175–177 Gobo 57 - Gobo (wheel slot 58) 178–180 Gobo 58 - Gobo (wheel slot 59) 181–183 Gobo 59 - Gobo (wheel slot 60) 184–186 Gobo 60 - Gobo (wheel slot 61) 187–189 Gobo 61 - Gobo (wheel slot 62) 190–192 Gobo 62 - Gobo (wheel slot 63)

107Ch (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–15 No Func - Custom 16–17 Built-In 1 - Effect 18–19 Built-In 2 - Effect 20–21 Built-In 3 - Effect 22–23 Built-In 4 - Effect 24–25 Built-In 5 - Effect 26–27 Built-In 6 - Effect 28–29 Built-In 7 - Effect 30–31 Built-In 8 - Effect 32–33 Built-In 9 - Effect 34–35 Built-In 10 - Effect 36–37 Built-In 11 - Effect 38–39 Built-In 12 - Effect 40–41 Built-In 13 - Effect 42–43 Built-In 14 - Effect 44–45 Built-In 15 - Effect 46–47 Built-In 16 - Effect 48–49 Built-In 17 - Effect 50–51 Built-In 18 - Effect 52–53 Built-In 19 - Effect 54–55 Built-In 20 - Effect 56–57 Built-In 21 - Effect 58–59 Built-In 22 - Effect 60–61 Built-In 23 - Effect 62–63 Built-In 24 - Effect 64–65 Built-In 25 - Effect 66–67 Built-In 26 - Effect 68–69 Built-In 27 - Effect 70–71 Built-In 28 - Effect 72–73 Built-In 29 - Effect 74–75 Built-In 30 - Effect 76–77 Built-In 31 - Effect 78–79 Built-In 32 - Effect 80–81 Built-In 33 - Effect 82–83 Built-In 34 - Effect 84–85 Built-In 35 - Effect 86–87 Built-In 36 - Effect 88–89 Built-In 37 - Effect 90–91 Built-In 38 - Effect 92–93 Built-In 39 - Effect 94–95 Built-In 40 - Effect 96–97 Built-In 41 - Effect 98–99 Built-In 42 - Effect 100–101 Built-In 43 - Effect 102–103 Built-In 44 - Effect 104–105 Built-In 45 - Effect 106–107 Built-In 46 - Effect 108–109 Built-In 47 - Effect 110–111 Built-In 48 - Effect 112–113 Built-In 49 - Effect 114–115 Built-In 50 - Effect 116–117 Built-In 51 - Effect 118–119 Built-In 52 - Effect 120–121 Built-In 53 - Effect 122–123 Built-In 54 - Effect 124–125 Built-In 55 - Effect 126–127 Built-In 56 - Effect 128–135 Built-In 57 - Effect 136–137 Built-In 58 - Effect 138–139 Built-In 59 - Effect 140–141 Built-In 60 - Effect 142–143 Built-In 61 - Effect 144–145 Built-In 62 - Effect 146–147 Built-In 63 - Effect

107Ch (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	
14	Effects1Adjust1	0	
15	Color Macro1	0	
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Red	255	
19	Red Fine	255	Fine byte of Red
20	Green	255	
21	Green Fine	255	Fine byte of Green
22	Blue	255	
23	Blue Fine	255	Fine byte of Blue
24	White	255	
25	White Fine	255	Fine byte of White
26	Zoom	127	
27	Control1	0	
28	Red	255	
29	Red Fine	255	Fine byte of Red
30	Green	255	
31	Green Fine	255	Fine byte of Green
32	Blue	255	
33	Blue Fine	255	Fine byte of Blue
34	White	255	
35	White Fine	255	Fine byte of White
36	Red	255	
37	Red Fine	255	Fine byte of Red
38	Green	255	
39	Green Fine	255	Fine byte of Green
40	Blue	255	
41	Blue Fine	255	Fine byte of Blue
42	White	255	
43	White Fine	255	Fine byte of White
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	Red	255	
53	Red Fine	255	Fine byte of Red
54	Green	255	
55	Green Fine	255	Fine byte of Green
56	Blue	255	
57	Blue Fine	255	Fine byte of Blue

107Ch (continued)

Ch	Function	Default	DMX values
58	White	255	
59	White Fine	255	Fine byte of White
60	Red	255	
61	Red Fine	255	Fine byte of Red
62	Green	255	
63	Green Fine	255	Fine byte of Green
64	Blue	255	
65	Blue Fine	255	Fine byte of Blue
66	White	255	
67	White Fine	255	Fine byte of White
68	Red	255	
69	Red Fine	255	Fine byte of Red
70	Green	255	
71	Green Fine	255	Fine byte of Green
72	Blue	255	
73	Blue Fine	255	Fine byte of Blue
74	White	255	
75	White Fine	255	Fine byte of White
76	Red	255	
77	Red Fine	255	Fine byte of Red
78	Green	255	
79	Green Fine	255	Fine byte of Green
80	Blue	255	
81	Blue Fine	255	Fine byte of Blue
82	White	255	
83	White Fine	255	Fine byte of White
84	Red	255	
85	Red Fine	255	Fine byte of Red
86	Green	255	
87	Green Fine	255	Fine byte of Green
88	Blue	255	
89	Blue Fine	255	Fine byte of Blue
90	White	255	
91	White Fine	255	Fine byte of White
92	Red	255	
93	Red Fine	255	Fine byte of Red
94	Green	255	
95	Green Fine	255	Fine byte of Green
96	Blue	255	
97	Blue Fine	255	Fine byte of Blue
98	White	255	
99	White Fine	255	Fine byte of White
100	Red	255	
101	Red Fine	255	Fine byte of Red
102	Green	255	

107Ch (continued)

Ch	Function	Default	DMX values
103	Green Fine	255	Fine byte of Green
104	Blue	255	
105	Blue Fine	255	Fine byte of Blue
106	White	255	
107	White Fine	255	Fine byte of White