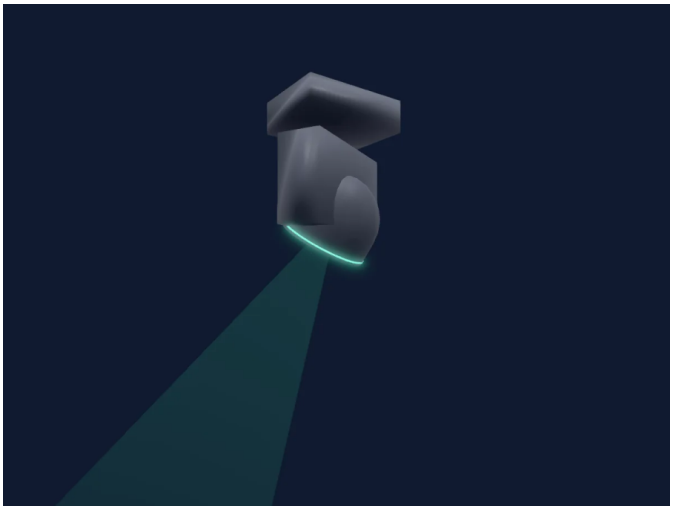
Stage4

broWASH 19x40 EF-B II



Manufacturer	**Stage4**
Type	**Profile spot**
DMX modes	**8**
DMX footprint	**26, 27, 38, 39, 102, 103, 114, 115 channels**
Beam angle	**4-60°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**4**
Size (W × H × D)	**281 × 224 × 281 mm**
GDTF fixture type	**0D248E1B-9FEB-4B7A-A39A-2C…**

Controls

Zoom · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Strobe

DMX modes

26ch	26 ch
27ch	27 ch
38ch	38 ch
39ch	39 ch
102ch	102 ch
103ch	103 ch
114ch	114 ch
115ch	115 ch

26ch

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Speed F>S 226–235 BO Movement 236–255 No Func
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Zoom	0	0–254 Narrow 255–255 Wide
13	Zoom Pos Rot	0	0–15 Stop 16–63 Shake F>S 64–156 CW Rot F>S 157–162 Stop 163–255 CCW Rot S>F
14	Zoom Pos	0	0–254 0 deg 255–255 60 deg
15	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K

26ch (continued)

Ch	Function	Default	DMX values
16	C TO	0	0–15 No CTO 16–45 <3200K 46–75 3200K>3500K 76–105 3500K>5000K 106–135 5000K>5500K 136–165 5500K>6000K 166–195 6000K>6500K 196–225 6500K>7000K 226–255 7000K>8000K
17	C TC	0	0–14 Tungsten Effect OFF 15–255 Tungsten Effect ON
18	Dimmer	0	0–254 Closed 255–255 Open
19	Strobe Mode Strobe	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	Color Macro1	0	0–0 No Func 1–15 Red 16–31 Green 32–47 Blue 48–63 R+B 64–79 R+G 80–95 G+B 96–111 RGB 112–127 2700K 128–143 3200K 144–159 3500K 160–175 5000K 176–191 5500K 192–207 6000K 208–223 6500K 224–239 7000K 240–255 8000K
24	Shaper Macros	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
25	Shaper Macros Speed	0	

26ch (continued)

Ch	Function	Default	DMX values
26	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan S>F 39–39 Fan Min 40–44 Linear 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–61 Delay 1 62–63 Dalay 2 64–65 Delay 3 66–67 Delay 4 68–79 No Func 80–89 MOTOR Reset 90–94 SCAN Reset 95–99 FOCUS Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound Programm

27ch

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Speed F>S 226–235 BO Movement 236–255 No Func
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	255	
13	Zoom	0	0–254 Narrow 255–255 Wide

27ch (continued)

Ch	Function	Default	DMX values
14	Zoom Pos Rot	0	0–15 Stop 16–63 Shake F>S 64–156 CW Rot F>S 157–162 Stop 163–255 CCW Rot S>F
15	Zoom Pos	0	0–254 0 deg 255–255 60 deg
16	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K
17	C TO	0	0–15 No CTO 16–45 <3200K 46–75 3200K>3500K 76–105 3500K>5000K 106–135 5000K>5500K 136–165 5500K>6000K 166–195 6000K>6500K 196–225 6500K>7000K 226–255 7000K>8000K
18	C TC	0	0–14 Tungsten Effect OFF 15–255 Tungsten Effect ON
19	Dimmer	0	0–254 Closed 255–255 Open
20	Strobe Mode Strobe	0	
21	Red	0	
22	Green	0	
23	Blue	0	

27ch (continued)

Ch	Function	Default	DMX values
24	Color Macro1	0	0–0 No Func 1–15 Red 16–31 Green 32–47 Blue 48–63 R+B 64–79 R+G 80–95 G+B 96–111 RGB 112–127 2700K 128–143 3200K 144–159 3500K 160–175 5000K 176–191 5500K 192–207 6000K 208–223 6500K 224–239 7000K 240–255 8000K
25	Shaper Macros	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
26	Shaper Macros Speed	0	
27	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan S>F 39–39 Fan Min 40–44 Linear 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–61 Delay 1 62–63 Dalay 2 64–65 Delay 3 66–67 Delay 4 68–79 No Func 80–89 MOTOR Reset 90–94 SCAN Reset 95–99 FOCUS Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound Programm

38ch

38 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Speed F>S 226–235 BO Movement 236–255 No Func
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Zoom	0	0–254 Narrow 255–255 Wide
13	Zoom Pos Rot	0	0–15 Stop 16–63 Shake F>S 64–156 CW Rot F>S 157–162 Stop 163–255 CCW Rot S>F
14	Zoom Pos	0	0–254 0 deg 255–255 60 deg
15	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K

38ch (continued)

Ch	Function	Default	DMX values
16	C TO	0	0–15 No CTO 16–45 <3200K 46–75 3200K>3500K 76–105 3500K>5000K 106–135 5000K>5500K 136–165 5500K>6000K 166–195 6000K>6500K 196–225 6500K>7000K 226–255 7000K>8000K
17	C TC	0	0–14 Tungsten Effect OFF 15–255 Tungsten Effect ON
18	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K
19	Dimmer	0	0–254 Closed 255–255 Open
20	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K

38ch (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	0–254 Closed 255–255 Open
22	Shaper Macros	0	0–15 No Func 16–31 Static Patterns 32–36 Scene 1 37–41 Scene 2 42–46 Scene 3 47–51 Scene 4 52–56 Scene 5 57–61 Scene 6 62–66 Scene 7 67–71 Scene 8 72–76 Scene 9 77–81 Scene 10 82–86 Scene 11 87–91 Scene 12 92–96 Scene 13 97–101 Scene 14 102–106 Scene 15 107–111 Scene 16 112–116 Scene 17 117–121 Scene 18 122–126 Scene 19 127–131 Scene 20 132–136 Scene 21 137–141 Scene 22 142–146 Scene 23 147–151 Scene 24 152–156 Scene 25 157–161 Scene 26 162–166 Scene 27 167–171 Scene 28 172–176 Scene 29 177–181 Scene 30 182–186 Scene 31 187–191 Scene 32 192–196 Scene 1 197–201 Scene 2 202–206 Scene 3 207–211 Scene 4 212–216 Scene 5 217–221 Scene 6 222–226 Scene 7 227–231 Scene 8 232–236 Scene 9 237–241 Scene 10 242–246 Scene 11 247–251 Scene 12 252–255 Scene 13

38ch (continued)

Ch	Function	Default	DMX values
23	Shaper Macros Speed	0	0–5 Scene 1 6–11 Scene 2 12–17 Scene 3 18–23 Scene 4 24–29 Scene 5 30–35 Scene 6 36–41 Scene 7 42–47 Scene 8 48–53 Scene 9 54–59 Scene 10 60–65 Scene 11 66–71 Scene 12 72–77 Scene 13 78–83 Scene 14 84–89 Scene 15 90–95 Scene 16 96–101 Scene 17 102–107 Scene 18 108–113 Scene 19 114–119 Scene 20 120–125 Scene 21 126–131 Scene 22 132–137 Scene 23 138–141 Scene 24 142–143 Speed F>S 144–149 Scene 25 150–155 Scene 26 156–161 Scene 27 162–167 Scene 28 168–173 Scene 29 174–179 Scene 30 180–185 Scene 31 186–191 Scene 32 192–197 Scene 1 198–203 Scene 2 204–209 Scene 3 210–215 Scene 4 216–221 Scene 5 222–227 Scene 6 228–233 Scene 7 234–239 Scene 8 240–245 Scene 9 246–251 Scene 10 252–255 Scene 11
24	Dimmer	0	0–254 Closed 255–255 Open
25	Strobe Mode Strobe	0	
26	Red	0	
27	Green	0	
28	Blue	0	

38ch (continued)

Ch	Function	Default	DMX values
29	Color Macro1	0	0–0 No Func 1–15 Red 16–31 Green 32–47 Blue 48–63 R+B 64–79 R+G 80–95 G+B 96–111 RGB 112–127 2700K 128–143 3200K 144–159 3500K 160–175 5000K 176–191 5500K 192–207 6000K 208–223 6500K 224–239 7000K 240–255 8000K
30	Shaper Macros	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
31	Shaper Macros Speed	0	
32	Shaper Rot	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
33	Dimmer	0	0–254 Closed 255–255 Open
34	Dimmer	0	0–254 Closed 255–255 Open
35	Red	0	
36	Green	0	

38ch (continued)

Ch	Function	Default	DMX values
37	Blue	0	
38	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan S>F 39–39 Fan Min 40–44 Linear 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–61 Delay 1 62–63 Dalay 2 64–65 Delay 3 66–67 Delay 4 68–79 No Func 80–89 MOTOR Reset 90–94 SCAN Reset 95–99 FOCUS Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound Programm

39ch

39 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Speed F>S 226–235 BO Movement 236–255 No Func
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	255	
13	Zoom	0	0–254 Narrow 255–255 Wide

39ch (continued)

Ch	Function	Default	DMX values
14	Zoom Pos Rot	0	0–15 Stop 16–63 Shake F>S 64–156 CW Rot F>S 157–162 Stop 163–255 CCW Rot S>F
15	Zoom Pos	0	0–254 0 deg 255–255 60 deg
16	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K
17	C TO	0	0–15 No CTO 16–45 <3200K 46–75 3200K>3500K 76–105 3500K>5000K 106–135 5000K>5500K 136–165 5500K>6000K 166–195 6000K>6500K 196–225 6500K>7000K 226–255 7000K>8000K
18	C TC	0	0–14 Tungsten Effect OFF 15–255 Tungsten Effect ON

39ch (continued)

Ch	Function	Default	DMX values
19	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K
20	Dimmer	0	0–254 Closed 255–255 Open
21	Color Macro1	0	0–0 No Color 1–13 Red 14–27 Green 28–41 Blue 42–55 White 56–69 R+W 70–83 G+W 84–97 B+W 98–111 G+B 112–125 R+B 126–139 R+G 140–153 GBW 154–167 RBW 168–181 RGW 182–195 RGBW 196–202 2700K 203–209 3200K 210–216 3500K 217–223 5000K 224–230 5500K 231–237 6000K 238–244 6500K 245–251 7000K 252–255 8000K
22	Dimmer	0	0–254 Closed 255–255 Open

39ch (continued)

Ch	Function	Default	DMX values
23	Shaper Macros	0	0–15 No Func 16–31 Static Patterns 32–36 Scene 1 37–41 Scene 2 42–46 Scene 3 47–51 Scene 4 52–56 Scene 5 57–61 Scene 6 62–66 Scene 7 67–71 Scene 8 72–76 Scene 9 77–81 Scene 10 82–86 Scene 11 87–91 Scene 12 92–96 Scene 13 97–101 Scene 14 102–106 Scene 15 107–111 Scene 16 112–116 Scene 17 117–121 Scene 18 122–126 Scene 19 127–131 Scene 20 132–136 Scene 21 137–141 Scene 22 142–146 Scene 23 147–151 Scene 24 152–156 Scene 25 157–161 Scene 26 162–166 Scene 27 167–171 Scene 28 172–176 Scene 29 177–181 Scene 30 182–186 Scene 31 187–191 Scene 32 192–196 Scene 1 197–201 Scene 2 202–206 Scene 3 207–211 Scene 4 212–216 Scene 5 217–221 Scene 6 222–226 Scene 7 227–231 Scene 8 232–236 Scene 9 237–241 Scene 10 242–246 Scene 11 247–251 Scene 12 252–255 Scene 13

39ch (continued)

Ch	Function	Default	DMX values
24	Shaper Macros Speed	0	0–5 Scene 1 6–11 Scene 2 12–17 Scene 3 18–23 Scene 4 24–29 Scene 5 30–35 Scene 6 36–41 Scene 7 42–47 Scene 8 48–53 Scene 9 54–59 Scene 10 60–65 Scene 11 66–71 Scene 12 72–77 Scene 13 78–83 Scene 14 84–89 Scene 15 90–95 Scene 16 96–101 Scene 17 102–107 Scene 18 108–113 Scene 19 114–119 Scene 20 120–125 Scene 21 126–131 Scene 22 132–137 Scene 23 138–141 Scene 24 142–143 Speed F>S 144–149 Scene 25 150–155 Scene 26 156–161 Scene 27 162–167 Scene 28 168–173 Scene 29 174–179 Scene 30 180–185 Scene 31 186–191 Scene 32 192–197 Scene 1 198–203 Scene 2 204–209 Scene 3 210–215 Scene 4 216–221 Scene 5 222–227 Scene 6 228–233 Scene 7 234–239 Scene 8 240–245 Scene 9 246–251 Scene 10 252–255 Scene 11
25	Dimmer	0	0–254 Closed 255–255 Open
26	Strobe Mode Strobe	0	
27	Red	0	
28	Green	0	
29	Blue	0	

39ch (continued)

Ch	Function	Default	DMX values
30	Color Macro1	0	0–0 No Func 1–15 Red 16–31 Green 32–47 Blue 48–63 R+B 64–79 R+G 80–95 G+B 96–111 RGB 112–127 2700K 128–143 3200K 144–159 3500K 160–175 5000K 176–191 5500K 192–207 6000K 208–223 6500K 224–239 7000K 240–255 8000K
31	Shaper Macros	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
32	Shaper Macros Speed	0	
33	Shaper Rot	0	0–15 No Func 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
34	Dimmer	0	0–254 Closed 255–255 Open
35	Dimmer	0	0–254 Closed 255–255 Open
36	Red	0	
37	Green	0	

39ch (continued)

Ch	Function	Default	DMX values
38	Blue	0	
39	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan S>F 39–39 Fan Min 40–44 Linear 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–61 Delay 1 62–63 Dalay 2 64–65 Delay 3 66–67 Delay 4 68–79 No Func 80–89 MOTOR Reset 90–94 SCAN Reset 95–99 FOCUS Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound Programm

102ch

102 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Zoom	0	
13	Zoom Pos Rot	0	
14	Zoom Pos	0	
15	Color Macro1	0	
16	C TO	0	
17	C TC	0	

102ch (continued)

Ch	Function	Default	DMX values
18	Dimmer	0	
19	Strobe Mode Strobe	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	Color Macro1	0	
24	Shaper Macros	0	
25	Shaper Macros Speed	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	

102ch (continued)

Ch	Function	Default	DMX values
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Function	0	

103ch

103 channels

Ch	Function	Default	DMX values
1	Pan	128	

103ch (continued)

Ch	Function	Default	DMX values
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	255	
13	Zoom	0	
14	Zoom Pos Rot	0	
15	Zoom Pos	0	
16	Color Macro1	0	
17	C TO	0	
18	C TC	0	
19	Dimmer	0	
20	Strobe Mode Strobe	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	Color Macro1	0	
25	Shaper Macros	0	
26	Shaper Macros Speed	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	

103ch (continued)

Ch	Function	Default	DMX values
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	

103ch (continued)

Ch	Function	Default	DMX values
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Function	0	

114ch

114 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	255	
12	Zoom	0	
13	Zoom Pos Rot	0	
14	Zoom Pos	0	
15	Color Macro1	0	
16	C TO	0	
17	C TC	0	
18	Color Macro1	0	

114ch (continued)

Ch	Function	Default	DMX values
19	Dimmer	0	
20	Color Macro1	0	
21	Dimmer	0	
22	Shaper Macros	0	
23	Shaper Macros Speed	0	
24	Dimmer	0	
25	Strobe Mode Strobe	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Color Macro1	0	
30	Shaper Macros	0	
31	Shaper Macros Speed	0	
32	Shaper Rot	0	
33	Dimmer	0	
34	Dimmer	0	
35	Red	0	
36	Green	0	
37	Blue	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	

114ch (continued)

Ch	Function	Default	DMX values
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	

114ch (continued)

Ch	Function	Default	DMX values
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Function	0	

115ch

115 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–31 Closed 32–63 Open 64–95 Strobe S>F 96–127 Open 128–145 Pulse F>S 146–159 Pulse S>F 160–191 Open 192–223 Random Strobe 224–255 Open
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	255	
13	Zoom	0	
14	Zoom Pos Rot	0	
15	Zoom Pos	0	
16	Color Macro1	0	
17	C TO	0	
18	C TC	0	
19	Color Macro1	0	
20	Dimmer	0	
21	Color Macro1	0	
22	Dimmer	0	
23	Shaper Macros	0	
24	Shaper Macros Speed	0	
25	Dimmer	0	
26	Strobe Mode Strobe	0	
27	Red	0	
28	Green	0	
29	Blue	0	
30	Color Macro1	0	

115ch (continued)

Ch	Function	Default	DMX values
31	Shaper Macros	0	
32	Shaper Macros Speed	0	
33	Shaper Rot	0	
34	Dimmer	0	
35	Dimmer	0	
36	Red	0	
37	Green	0	
38	Blue	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	

115ch (continued)

Ch	Function	Default	DMX values
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Function	0	