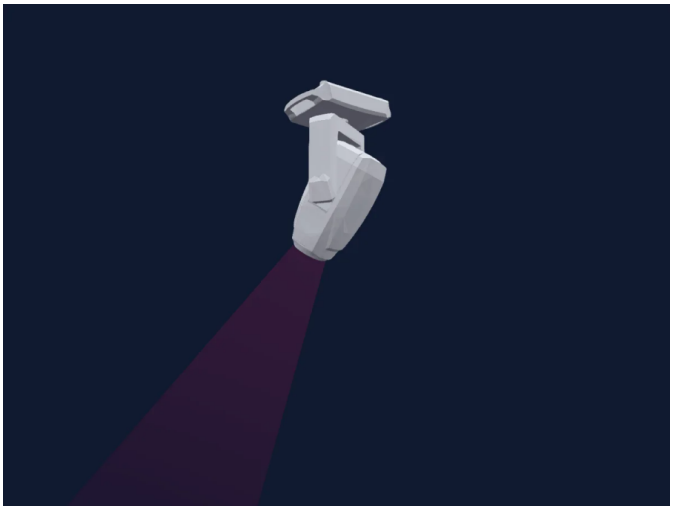
Starway

Monza Wet



Manufacturer	**Starway**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**37, 40, 45, 55 channels**
Beam angle	**3.5-53°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 455 × 232 mm**
GDTF fixture type	**4E711AED-6998-4288-9FFC-C7…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Basic 37CH	37 ch
Standard 40CH	40 ch
Extended 45CH	45 ch
Enhanced 55CH	55 ch

Basic 37CH

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	0–224 Pan/Tilt Fast 225–225 Pan/Tilt Slow 226–235 Blackout by movement 236–255 No function
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	Color Wheel	0	0–6 open (wheel slot 1) 7–14 White/Red (wheel slot 2) 15–22 Red (wheel slot 2) 23–30 Red/Green (wheel slot 3) 31–38 Green (wheel slot 3) 39–46 Green/Amber (wheel slot 4) 47–54 Amber (wheel slot 4) 55–62 Amber/Medium Blue (wheel slot 5) 63–70 Medium Blue (wheel slot 5) 71–78 Medium Blue/ Orange (wheel slot 6) 79–86 Orange (wheel slot 6) 87–94 Orange/Peacock (wheel slot 7) 95–102 Peacock (wheel slot 7) 103–110 Peacock /5600K (wheel slot 8) 111–118 5600K (wheel slot 8) 119–126 5600K/High CRI (wheel slot 9) 127–134 High CRI (wheel slot 9) 135–142 High CRI/White (wheel slot 10) 143–150 Deep Lavender (wheel slot 10) 151–158 Bright Pink (wheel slot 11) 159–166 CTB Color (wheel slot 12) 167–172 UV (wheel slot 13) 173–212 CW Fast 213–213 CW Slow 214–214 Stop 215–254 CCW Slow 255–255 CCW Fast

Basic 37CH (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–5 open (wheel slot 1) 6–12 GOBO 1 (wheel slot 2) 13–19 GOBO 2 (wheel slot 3) 20–26 GOBO 3 (wheel slot 4) 27–33 GOBO 4 (wheel slot 5) 34–40 GOBO 5 (wheel slot 6) 41–47 GOBO 6 (wheel slot 7) 48–54 GOBO 7 (wheel slot 8) 55–61 Open (wheel slot 1) 62–76 G1-01 shake slow (wheel slot 2) 77–77 G1-01 shake fast (wheel slot 2) 78–92 G1-02 shake slow (wheel slot 3) 93–93 G1-02 shake fast (wheel slot 3) 94–108 G1-03 shake slow (wheel slot 4) 109–109 G1-03 shake fast (wheel slot 4) 110–124 G1-04 shake slow (wheel slot 5) 125–125 G1-04 shake fast (wheel slot 5) 126–140 G1-05 shake slow (wheel slot 6) 141–141 G1-05 shake fast (wheel slot 6) 142–156 G1-06 shake slow (wheel slot 7) 157–157 G1-06 shake fast (wheel slot 7) 158–172 G1-07 shake slow (wheel slot 8) 173–173 G1-07 shake fast (wheel slot 8) 174–189 Open (wheel slot 1) 190–220 CW Fast 221–221 CW Slow 222–223 Stop 224–254 CCW Slow 255–255 CCW Fast
12	Gobo Rotation	0	0–127 index 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Basic 37CH (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–9 Open (wheel slot 12) 10–17 Gobo 1 (wheel slot 1) 18–25 Gobo 2 (wheel slot 2) 26–33 Gobo 3 (wheel slot 3) 34–41 Gobo 4 (wheel slot 4) 42–49 Gobo 5 (wheel slot 5) 50–57 Gobo 6 (wheel slot 6) 58–65 Gobo 7 (wheel slot 7) 66–73 Gobo 8 (wheel slot 8) 74–81 Gobo 9 (wheel slot 9) 82–89 Gobo 10 (wheel slot 10) 90–97 Gobo 11 (wheel slot 11) 98–104 Gobo 1 shake slow (wheel slot 1) 105–105 Gobo 1 shake fast (wheel slot 1) 106–110 Gobo 2 shake slow (wheel slot 2) 111–111 Gobo 2 shake fast (wheel slot 2) 112–118 Gobo 3 shake slow (wheel slot 3) 119–119 Gobo 3 shake fast (wheel slot 3) 120–126 Gobo 4 shake slow (wheel slot 4) 127–127 Gobo 4 shake fast (wheel slot 4) 128–134 Gobo 5 shake slow (wheel slot 5) 135–135 Gobo 5 shake fast (wheel slot 5) 136–142 Gobo 6 shake slow (wheel slot 6) 143–143 Gobo 6 shake fast (wheel slot 6) 144–150 Gobo 7 shake slow (wheel slot 7) 151–151 Gobo 7 shake fast (wheel slot 7) 152–158 Gobo 8 shake slow (wheel slot 8) 159–159 Gobo 8 shake fast (wheel slot 8) 160–166 Gobo 9 shake slow (wheel slot 9) 167–167 Gobo 9 shake fast (wheel slot 9) 168–174 Gobo 10 shake slow (wheel slot 10) 175–175 Gobo 10 shake fast (wheel slot 10) 176–180 Gobo 11 shake slow (wheel slot 11) 181–181 Gobo 11 shake fast (wheel slot 11) 182–216 CW fast 217–217 CW slow 218–219 Stop 220–254 CCW slow 255–255 CCW fast
15	Prism	0	0–31 open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
16	Prism Rotation	0	0–127 Prism1 indexing 128–188 CW Fast 189–189 CW Slow 190–193 stop 194–254 CCW Slow 255–255 CCW Fast
17	Prism	0	0–31 open (wheel slot 1) 32–255 6 Liner Prism (wheel slot 2)
18	Prism Rotation	0	0–127 Prism2 indexing 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
19	Frost1	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%

Basic 37CH (continued)

Ch	Function	Default	DMX values
20	Frost2	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
21	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random slow 255–255 Random fast
22	Zoom	128	
23	Focus	128	
24	Shaper Rot	128	0–254 Rotation from 0 255–255 Rotation from 90
25	Shaper Rot Fine	0	Fine byte of Shaper Rot
26	Blade1A	0	
27	Blade1B	0	
28	Blade2A	0	
29	Blade2B	0	
30	Blade3A	0	
31	Blade3B	0	
32	Blade4A	0	
33	Blade4B	0	
34	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
35	Dimmer	0	0–254 0% 255–255 100%
36	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting

Basic 37CH (continued)

Ch	Function	Default	DMX values
37	Control1	0	0–5 No function 6–11 Invert Pan on (Hold 3s) 12–17 Invert Pan off (Hold 3s) 18–23 Invert Tilt on (Hold 3s) 24–49 Invert Tilt off (Hold 3s) 50–51 Gobo CTB auto On (Hold 3s) 52–53 Gobo CTB auto Off (Hold 3s) 54–56 Framing Control Closing A+B 57–59 Framing Control Closing + Angle 60–65 Fan Low (Hold 3s) 66–71 Fan Auto (Default) (Hold 3s) 72–77 Fan High (Hold 3s) 78–89 Dimmer Curve Linear (Hold 3s) 90–101 Dimmer Curve Square (default) (Hold 3s) 102–113 Dimmer Curve Inverse Square (Hold 3s) 114–125 Dimmer Curve S-Curve (Hold 3s) 126–131 900 Hz(Hold 3s) 132–137 1000 Hz(Hold 3s) 138–143 1100 Hz(Hold 3s) 144–149 1200 Hz(Hold 3s) 150–155 1300 Hz(Hold 3s) 156–161 1400 Hz(Hold 3s) 162–167 1500 Hz(Hold 3s) 168–173 2500 Hz(Hold 3s) 174–179 4000 Hz(Hold 3s) 180–185 5000 Hz(Hold 3s) 186–191 10000 Hz(Hold 3s) 192–197 15000 Hz(Hold 3s) 198–203 20000 Hz(Hold 3s) 204–209 25000 Hz(Hold 3s) 210–215 P/T motor reset(Hold 3s) 216–221 CMY motor reset(Hold 3s) 222–227 Gobo motor reset(Hold 3s) 228–233 Blade motor reset(Hold 3s) 234–239 Other motor reset (Hold 3s) 240–245 All motor reset(Hold 3s) 246–250 Enable Color Wheel Index to any position (Hold 3s) 251–255 Disable Color Wheel Index to any position (Hold 3s)

Standard 40CH

40 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	P TSpeed	0	0–224 Pan/Tilt Fast 225–225 Pan/Tilt Slow 226–235 Blackout by movement 236–255 No function
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	

Standard 40CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–6 open (wheel slot 1) 7–14 White/Red (wheel slot 2) 15–22 Red (wheel slot 2) 23–30 Red/Green (wheel slot 3) 31–38 Green (wheel slot 3) 39–46 Green/Amber (wheel slot 4) 47–54 Amber (wheel slot 4) 55–62 Amber/Medium Blue (wheel slot 5) 63–70 Medium Blue (wheel slot 5) 71–78 Medium Blue/ Orange (wheel slot 6) 79–86 Orange (wheel slot 6) 87–94 Orange/Peacock (wheel slot 7) 95–102 Peacock (wheel slot 7) 103–110 Peacock /5600K (wheel slot 8) 111–118 5600K (wheel slot 8) 119–126 5600K/High CRI (wheel slot 9) 127–134 High CRI (wheel slot 9) 135–142 High CRI/White (wheel slot 10) 143–150 Deep Lavender (wheel slot 10) 151–158 Bright Pink (wheel slot 11) 159–166 CTB Color (wheel slot 12) 167–172 UV (wheel slot 13) 173–212 CW Fast 213–213 CW Slow 214–214 Stop 215–254 CCW Slow 255–255 CCW Fast
11	Gobo	0	0–5 open (wheel slot 1) 6–12 GOBO 1 (wheel slot 2) 13–19 GOBO 2 (wheel slot 3) 20–26 GOBO 3 (wheel slot 4) 27–33 GOBO 4 (wheel slot 5) 34–40 GOBO 5 (wheel slot 6) 41–47 GOBO 6 (wheel slot 7) 48–54 GOBO 7 (wheel slot 8) 55–61 Open (wheel slot 1) 62–76 G1-01 shake slow (wheel slot 2) 77–77 G1-01 shake fast (wheel slot 2) 78–92 G1-02 shake slow (wheel slot 3) 93–93 G1-02 shake fast (wheel slot 3) 94–108 G1-03 shake slow (wheel slot 4) 109–109 G1-03 shake fast (wheel slot 4) 110–124 G1-04 shake slow (wheel slot 5) 125–125 G1-04 shake fast (wheel slot 5) 126–140 G1-05 shake slow (wheel slot 6) 141–141 G1-05 shake fast (wheel slot 6) 142–156 G1-06 shake slow (wheel slot 7) 157–157 G1-06 shake fast (wheel slot 7) 158–172 G1-07 shake slow (wheel slot 8) 173–173 G1-07 shake fast (wheel slot 8) 174–189 Open (wheel slot 1) 190–220 CW Fast 221–221 CW Slow 222–223 Stop 224–254 CCW Slow 255–255 CCW Fast
12	Gobo Rotation	0	0–127 index 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast

Standard 40CH (continued)

Ch	Function	Default	DMX values
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–9 Open (wheel slot 12) 10–17 Gobo 1 (wheel slot 1) 18–25 Gobo 2 (wheel slot 2) 26–33 Gobo 3 (wheel slot 3) 34–41 Gobo 4 (wheel slot 4) 42–49 Gobo 5 (wheel slot 5) 50–57 Gobo 6 (wheel slot 6) 58–65 Gobo 7 (wheel slot 7) 66–73 Gobo 8 (wheel slot 8) 74–81 Gobo 9 (wheel slot 9) 82–89 Gobo 10 (wheel slot 10) 90–97 Gobo 11 (wheel slot 11) 98–104 Gobo 1 shake slow (wheel slot 1) 105–105 Gobo 1 shake fast (wheel slot 1) 106–110 Gobo 2 shake slow (wheel slot 2) 111–111 Gobo 2 shake fast (wheel slot 2) 112–118 Gobo 3 shake slow (wheel slot 3) 119–119 Gobo 3 shake fast (wheel slot 3) 120–126 Gobo 4 shake slow (wheel slot 4) 127–127 Gobo 4 shake fast (wheel slot 4) 128–134 Gobo 5 shake slow (wheel slot 5) 135–135 Gobo 5 shake fast (wheel slot 5) 136–142 Gobo 6 shake slow (wheel slot 6) 143–143 Gobo 6 shake fast (wheel slot 6) 144–150 Gobo 7 shake slow (wheel slot 7) 151–151 Gobo 7 shake fast (wheel slot 7) 152–158 Gobo 8 shake slow (wheel slot 8) 159–159 Gobo 8 shake fast (wheel slot 8) 160–166 Gobo 9 shake slow (wheel slot 9) 167–167 Gobo 9 shake fast (wheel slot 9) 168–174 Gobo 10 shake slow (wheel slot 10) 175–175 Gobo 10 shake fast (wheel slot 10) 176–180 Gobo 11 shake slow (wheel slot 11) 181–181 Gobo 11 shake fast (wheel slot 11) 182–216 CW fast 217–217 CW slow 218–219 Stop 220–254 CCW slow 255–255 CCW fast
15	Prism	0	0–31 open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
16	Prism Rotation	0	0–127 Prism1 indexing 128–188 CW Fast 189–189 CW Slow 190–193 stop 194–254 CCW Slow 255–255 CCW Fast
17	Prism	0	0–31 open (wheel slot 1) 32–255 6 Liner Prism (wheel slot 2)
18	Prism Rotation	0	0–127 Prism2 indexing 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
19	Frost1	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%

Standard 40CH (continued)

Ch	Function	Default	DMX values
20	Frost2	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
21	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random slow 255–255 Random fast
22	Zoom	128	
23	Zoom Fine	0	Fine byte of Zoom
24	Focus	128	
25	Focus Fine	0	Fine byte of Focus
26	Shaper Rot	128	0–254 Rotation from 0 255–255 Rotation from 90
27	Shaper Rot Fine	0	Fine byte of Shaper Rot
28	Blade1A	0	
29	Blade1B	0	
30	Blade2A	0	
31	Blade2B	0	
32	Blade3A	0	
33	Blade3B	0	
34	Blade4A	0	
35	Blade4B	0	
36	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
37	Dimmer	0	0–254 0% 255–255 100%
38	Dimmer Fine	0	Fine byte of Dimmer
39	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting

Standard 40CH (continued)

Ch	Function	Default	DMX values
40	Control1	0	0–5 No function 6–11 Invert Pan on (Hold 3s) 12–17 Invert Pan off (Hold 3s) 18–23 Invert Tilt on (Hold 3s) 24–49 Invert Tilt off (Hold 3s) 50–51 Gobo CTB auto On (Hold 3s) 52–53 Gobo CTB auto Off (Hold 3s) 54–56 Framing Control Closing A+B 57–59 Framing Control Closing + Angle 60–65 Fan Low (Hold 3s) 66–71 Fan Auto (Default) (Hold 3s) 72–77 Fan High (Hold 3s) 78–89 Dimmer Curve Linear (Hold 3s) 90–101 Dimmer Curve Square (default) (Hold 3s) 102–113 Dimmer Curve Inverse Square (Hold 3s) 114–125 Dimmer Curve S-Curve (Hold 3s) 126–131 900 Hz(Hold 3s) 132–137 1000 Hz(Hold 3s) 138–143 1100 Hz(Hold 3s) 144–149 1200 Hz(Hold 3s) 150–155 1300 Hz(Hold 3s) 156–161 1400 Hz(Hold 3s) 162–167 1500 Hz(Hold 3s) 168–173 2500 Hz(Hold 3s) 174–179 4000 Hz(Hold 3s) 180–185 5000 Hz(Hold 3s) 186–191 10000 Hz(Hold 3s) 192–197 15000 Hz(Hold 3s) 198–203 20000 Hz(Hold 3s) 204–209 25000 Hz(Hold 3s) 210–215 P/T motor reset(Hold 3s) 216–221 CMY motor reset(Hold 3s) 222–227 Gobo motor reset(Hold 3s) 228–233 Blade motor reset(Hold 3s) 234–239 Other motor reset (Hold 3s) 240–245 All motor reset(Hold 3s) 246–250 Enable Color Wheel Index to any position (Hold 3s) 251–255 Disable Color Wheel Index to any position (Hold 3s)

Extended 45CH

45 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	P TSpeed	0	0–224 Pan/Tilt Fast 225–225 Pan/Tilt Slow 226–235 Blackout by movement 236–255 No function
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	
11	Yellow Fine	0	Fine byte of Yellow
12	C TO	0	

Extended 45CH (continued)

Ch	Function	Default	DMX values
13	C TO Fine	0	Fine byte of C TO
14	Color Wheel	0	0–6 open (wheel slot 1) 7–14 White/Red (wheel slot 2) 15–22 Red (wheel slot 2) 23–30 Red/Green (wheel slot 3) 31–38 Green (wheel slot 3) 39–46 Green/Amber (wheel slot 4) 47–54 Amber (wheel slot 4) 55–62 Amber/Medium Blue (wheel slot 5) 63–70 Medium Blue (wheel slot 5) 71–78 Medium Blue/ Orange (wheel slot 6) 79–86 Orange (wheel slot 6) 87–94 Orange/Peacock (wheel slot 7) 95–102 Peacock (wheel slot 7) 103–110 Peacock /5600K (wheel slot 8) 111–118 5600K (wheel slot 8) 119–126 5600K/High CRI (wheel slot 9) 127–134 High CRI (wheel slot 9) 135–142 High CRI/White (wheel slot 10) 143–150 Deep Lavender (wheel slot 10) 151–158 Bright Pink (wheel slot 11) 159–166 CTB Color (wheel slot 12) 167–172 UV (wheel slot 13) 173–212 CW Fast 213–213 CW Slow 214–214 Stop 215–254 CCW Slow 255–255 CCW Fast
15	Gobo	0	0–5 open (wheel slot 1) 6–12 GOBO 1 (wheel slot 2) 13–19 GOBO 2 (wheel slot 3) 20–26 GOBO 3 (wheel slot 4) 27–33 GOBO 4 (wheel slot 5) 34–40 GOBO 5 (wheel slot 6) 41–47 GOBO 6 (wheel slot 7) 48–54 GOBO 7 (wheel slot 8) 55–61 Open (wheel slot 1) 62–76 G1-01 shake slow (wheel slot 2) 77–77 G1-01 shake fast (wheel slot 2) 78–92 G1-02 shake slow (wheel slot 3) 93–93 G1-02 shake fast (wheel slot 3) 94–108 G1-03 shake slow (wheel slot 4) 109–109 G1-03 shake fast (wheel slot 4) 110–124 G1-04 shake slow (wheel slot 5) 125–125 G1-04 shake fast (wheel slot 5) 126–140 G1-05 shake slow (wheel slot 6) 141–141 G1-05 shake fast (wheel slot 6) 142–156 G1-06 shake slow (wheel slot 7) 157–157 G1-06 shake fast (wheel slot 7) 158–172 G1-07 shake slow (wheel slot 8) 173–173 G1-07 shake fast (wheel slot 8) 174–189 Open (wheel slot 1) 190–220 CW Fast 221–221 CW Slow 222–223 Stop 224–254 CCW Slow 255–255 CCW Fast

Extended 45CH (continued)

Ch	Function	Default	DMX values
16	Gobo Rotation	0	0–127 index 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	0	0–9 Open (wheel slot 12) 10–17 Gobo 1 (wheel slot 1) 18–25 Gobo 2 (wheel slot 2) 26–33 Gobo 3 (wheel slot 3) 34–41 Gobo 4 (wheel slot 4) 42–49 Gobo 5 (wheel slot 5) 50–57 Gobo 6 (wheel slot 6) 58–65 Gobo 7 (wheel slot 7) 66–73 Gobo 8 (wheel slot 8) 74–81 Gobo 9 (wheel slot 9) 82–89 Gobo 10 (wheel slot 10) 90–97 Gobo 11 (wheel slot 11) 98–104 Gobo 1 shake slow (wheel slot 1) 105–105 Gobo 1 shake fast (wheel slot 1) 106–110 Gobo 2 shake slow (wheel slot 2) 111–111 Gobo 2 shake fast (wheel slot 2) 112–118 Gobo 3 shake slow (wheel slot 3) 119–119 Gobo 3 shake fast (wheel slot 3) 120–126 Gobo 4 shake slow (wheel slot 4) 127–127 Gobo 4 shake fast (wheel slot 4) 128–134 Gobo 5 shake slow (wheel slot 5) 135–135 Gobo 5 shake fast (wheel slot 5) 136–142 Gobo 6 shake slow (wheel slot 6) 143–143 Gobo 6 shake fast (wheel slot 6) 144–150 Gobo 7 shake slow (wheel slot 7) 151–151 Gobo 7 shake fast (wheel slot 7) 152–158 Gobo 8 shake slow (wheel slot 8) 159–159 Gobo 8 shake fast (wheel slot 8) 160–166 Gobo 9 shake slow (wheel slot 9) 167–167 Gobo 9 shake fast (wheel slot 9) 168–174 Gobo 10 shake slow (wheel slot 10) 175–175 Gobo 10 shake fast (wheel slot 10) 176–180 Gobo 11 shake slow (wheel slot 11) 181–181 Gobo 11 shake fast (wheel slot 11) 182–216 CW fast 217–217 CW slow 218–219 Stop 220–254 CCW slow 255–255 CCW fast
19	Prism	0	0–31 open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
20	Prism Rotation	0	0–127 Prism1 indexing 128–188 CW Fast 189–189 CW Slow 190–193 stop 194–254 CCW Slow 255–255 CCW Fast
21	Prism	0	0–31 open (wheel slot 1) 32–255 6 Liner Prism (wheel slot 2)

Extended 45CH (continued)

Ch	Function	Default	DMX values
22	Prism Rotation	0	0–127 Prism2 indexing 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
23	Frost1	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
24	Frost2	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
25	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random slow 255–255 Random fast
26	Iris Fine	0	Fine byte of Iris
27	Zoom	128	
28	Zoom Fine	0	Fine byte of Zoom
29	Focus	128	
30	Focus Fine	0	Fine byte of Focus
31	Shaper Rot	128	0–254 Rotation from 0 255–255 Rotation from 90
32	Shaper Rot Fine	0	Fine byte of Shaper Rot
33	Blade1A	0	
34	Blade1B	0	
35	Blade2A	0	
36	Blade2B	0	
37	Blade3A	0	
38	Blade3B	0	
39	Blade4A	0	
40	Blade4B	0	
41	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)
42	Dimmer	0	0–254 0% 255–255 100%
43	Dimmer Fine	0	Fine byte of Dimmer

Extended 45CH (continued)

Ch	Function	Default	DMX values
44	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
45	Control1	0	0–5 No function 6–11 Invert Pan on (Hold 3s) 12–17 Invert Pan off (Hold 3s) 18–23 Invert Tilt on (Hold 3s) 24–49 Invert Tilt off (Hold 3s) 50–51 Gobo CTB auto On (Hold 3s) 52–53 Gobo CTB auto Off (Hold 3s) 54–56 Framing Control Closing A+B 57–59 Framing Control Closing + Angle 60–65 Fan Low (Hold 3s) 66–71 Fan Auto (Default) (Hold 3s) 72–77 Fan High (Hold 3s) 78–89 Dimmer Curve Linear (Hold 3s) 90–101 Dimmer Curve Square (default) (Hold 3s) 102–113 Dimmer Curve Inverse Square (Hold 3s) 114–125 Dimmer Curve S-Curve (Hold 3s) 126–131 900 Hz(Hold 3s) 132–137 1000 Hz(Hold 3s) 138–143 1100 Hz(Hold 3s) 144–149 1200 Hz(Hold 3s) 150–155 1300 Hz(Hold 3s) 156–161 1400 Hz(Hold 3s) 162–167 1500 Hz(Hold 3s) 168–173 2500 Hz(Hold 3s) 174–179 4000 Hz(Hold 3s) 180–185 5000 Hz(Hold 3s) 186–191 10000 Hz(Hold 3s) 192–197 15000 Hz(Hold 3s) 198–203 20000 Hz(Hold 3s) 204–209 25000 Hz(Hold 3s) 210–215 P/T motor reset(Hold 3s) 216–221 CMY motor reset(Hold 3s) 222–227 Gobo motor reset(Hold 3s) 228–233 Blade motor reset(Hold 3s) 234–239 Other motor reset (Hold 3s) 240–245 All motor reset(Hold 3s) 246–250 Enable Color Wheel Index to any position (Hold 3s) 251–255 Disable Color Wheel Index to any position (Hold 3s)

Enhanced 55CH

55 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	P TSpeed	0	0–224 Pan/Tilt Fast 225–225 Pan/Tilt Slow 226–235 Blackout by movement 236–255 No function
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan

Enhanced 55CH (continued)

Ch	Function	Default	DMX values
8	Magenta	0	
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	
11	Yellow Fine	0	Fine byte of Yellow
12	C TO	0	
13	C TO Fine	0	Fine byte of C TO
14	Color Wheel	0	0–6 open (wheel slot 1) 7–14 White/Red (wheel slot 2) 15–22 Red (wheel slot 2) 23–30 Red/Green (wheel slot 3) 31–38 Green (wheel slot 3) 39–46 Green/Amber (wheel slot 4) 47–54 Amber (wheel slot 4) 55–62 Amber/Medium Blue (wheel slot 5) 63–70 Medium Blue (wheel slot 5) 71–78 Medium Blue/ Orange (wheel slot 6) 79–86 Orange (wheel slot 6) 87–94 Orange/Peacock (wheel slot 7) 95–102 Peacock (wheel slot 7) 103–110 Peacock /5600K (wheel slot 8) 111–118 5600K (wheel slot 8) 119–126 5600K/High CRI (wheel slot 9) 127–134 High CRI (wheel slot 9) 135–142 High CRI/White (wheel slot 10) 143–150 Deep Lavender (wheel slot 10) 151–158 Bright Pink (wheel slot 11) 159–166 CTB Color (wheel slot 12) 167–172 UV (wheel slot 13) 173–212 CW Fast 213–213 CW Slow 214–214 Stop 215–254 CCW Slow 255–255 CCW Fast

Enhanced 55CH (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–5 open (wheel slot 1) 6–12 GOBO 1 (wheel slot 2) 13–19 GOBO 2 (wheel slot 3) 20–26 GOBO 3 (wheel slot 4) 27–33 GOBO 4 (wheel slot 5) 34–40 GOBO 5 (wheel slot 6) 41–47 GOBO 6 (wheel slot 7) 48–54 GOBO 7 (wheel slot 8) 55–61 Open (wheel slot 1) 62–76 G1-01 shake slow (wheel slot 2) 77–77 G1-01 shake fast (wheel slot 2) 78–92 G1-02 shake slow (wheel slot 3) 93–93 G1-02 shake fast (wheel slot 3) 94–108 G1-03 shake slow (wheel slot 4) 109–109 G1-03 shake fast (wheel slot 4) 110–124 G1-04 shake slow (wheel slot 5) 125–125 G1-04 shake fast (wheel slot 5) 126–140 G1-05 shake slow (wheel slot 6) 141–141 G1-05 shake fast (wheel slot 6) 142–156 G1-06 shake slow (wheel slot 7) 157–157 G1-06 shake fast (wheel slot 7) 158–172 G1-07 shake slow (wheel slot 8) 173–173 G1-07 shake fast (wheel slot 8) 174–189 Open (wheel slot 1) 190–220 CW Fast 221–221 CW Slow 222–223 Stop 224–254 CCW Slow 255–255 CCW Fast
16	Gobo Rotation	0	0–127 index 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Enhanced 55CH (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–9 Open (wheel slot 12) 10–17 Gobo 1 (wheel slot 1) 18–25 Gobo 2 (wheel slot 2) 26–33 Gobo 3 (wheel slot 3) 34–41 Gobo 4 (wheel slot 4) 42–49 Gobo 5 (wheel slot 5) 50–57 Gobo 6 (wheel slot 6) 58–65 Gobo 7 (wheel slot 7) 66–73 Gobo 8 (wheel slot 8) 74–81 Gobo 9 (wheel slot 9) 82–89 Gobo 10 (wheel slot 10) 90–97 Gobo 11 (wheel slot 11) 98–104 Gobo 1 shake slow (wheel slot 1) 105–105 Gobo 1 shake fast (wheel slot 1) 106–110 Gobo 2 shake slow (wheel slot 2) 111–111 Gobo 2 shake fast (wheel slot 2) 112–118 Gobo 3 shake slow (wheel slot 3) 119–119 Gobo 3 shake fast (wheel slot 3) 120–126 Gobo 4 shake slow (wheel slot 4) 127–127 Gobo 4 shake fast (wheel slot 4) 128–134 Gobo 5 shake slow (wheel slot 5) 135–135 Gobo 5 shake fast (wheel slot 5) 136–142 Gobo 6 shake slow (wheel slot 6) 143–143 Gobo 6 shake fast (wheel slot 6) 144–150 Gobo 7 shake slow (wheel slot 7) 151–151 Gobo 7 shake fast (wheel slot 7) 152–158 Gobo 8 shake slow (wheel slot 8) 159–159 Gobo 8 shake fast (wheel slot 8) 160–166 Gobo 9 shake slow (wheel slot 9) 167–167 Gobo 9 shake fast (wheel slot 9) 168–174 Gobo 10 shake slow (wheel slot 10) 175–175 Gobo 10 shake fast (wheel slot 10) 176–180 Gobo 11 shake slow (wheel slot 11) 181–181 Gobo 11 shake fast (wheel slot 11) 182–216 CW fast 217–217 CW slow 218–219 Stop 220–254 CCW slow 255–255 CCW fast
19	Prism	0	0–31 open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
20	Prism Rotation	0	0–127 Prism1 indexing 128–188 CW Fast 189–189 CW Slow 190–193 stop 194–254 CCW Slow 255–255 CCW Fast
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Prism	0	0–31 open (wheel slot 1) 32–255 6 Liner Prism (wheel slot 2)
23	Prism Rotation	0	0–127 Prism2 indexing 128–188 CW Fast 189–189 CW Slow 190–193 Stop 194–254 CCW Slow 255–255 CCW Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation

Enhanced 55CH (continued)

Ch	Function	Default	DMX values
25	Frost1	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
26	Frost2	0	0–225 0 -100% 226–235 Pulse opening fast to slow 236–245 Pulse closing slow to fast 246–255 Frost at 100%
27	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random slow 255–255 Random fast
28	Iris Fine	0	Fine byte of Iris
29	Zoom	128	
30	Zoom Fine	0	Fine byte of Zoom
31	Focus	128	
32	Focus Fine	0	Fine byte of Focus
33	Shaper Rot	128	0–254 Rotation from 0 255–255 Rotation from 90
34	Shaper Rot Fine	0	Fine byte of Shaper Rot
35	Blade1A	0	
36	Blade1A Fine	0	Fine byte of Blade1A
37	Blade1B	0	
38	Blade1B Fine	0	Fine byte of Blade1B
39	Blade2A	0	
40	Blade2A Fine	0	Fine byte of Blade2A
41	Blade2B	0	
42	Blade2B Fine	0	Fine byte of Blade2B
43	Blade3A	0	
44	Blade3A Fine	0	Fine byte of Blade3A
45	Blade3B	0	
46	Blade3B Fine	0	Fine byte of Blade3B
47	Blade4A	0	
48	Blade4A Fine	0	Fine byte of Blade4A
49	Blade4B	0	
50	Blade4B Fine	0	Fine byte of Blade4B
51	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 min strobe 95–95 max strobe 96–127 Shutter open (2) 128–158 min Pulse 159–159 max Pulse 160–191 Shutter open (3) 192–222 min Random 223–223 max Random 224–255 Shutter open (4)

Enhanced 55CH (continued)

Ch	Function	Default	DMX values
52	Dimmer	0	0–254 0% 255–255 100%
53	Dimmer Fine	0	Fine byte of Dimmer
54	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
55	Control1	0	0–5 No function 6–11 Invert Pan on (Hold 3s) 12–17 Invert Pan off (Hold 3s) 18–23 Invert Tilt on (Hold 3s) 24–49 Invert Tilt off (Hold 3s) 50–51 Gobo CTB auto On (Hold 3s) 52–53 Gobo CTB auto Off (Hold 3s) 54–56 Framing Control Closing A+B 57–59 Framing Control Closing + Angle 60–65 Fan Low (Hold 3s) 66–71 Fan Auto (Default) (Hold 3s) 72–77 Fan High (Hold 3s) 78–89 Dimmer Curve Linear (Hold 3s) 90–101 Dimmer Curve Square (default) (Hold 3s) 102–113 Dimmer Curve Inverse Square (Hold 3s) 114–125 Dimmer Curve S-Curve (Hold 3s) 126–131 900 Hz(Hold 3s) 132–137 1000 Hz(Hold 3s) 138–143 1100 Hz(Hold 3s) 144–149 1200 Hz(Hold 3s) 150–155 1300 Hz(Hold 3s) 156–161 1400 Hz(Hold 3s) 162–167 1500 Hz(Hold 3s) 168–173 2500 Hz(Hold 3s) 174–179 4000 Hz(Hold 3s) 180–185 5000 Hz(Hold 3s) 186–191 10000 Hz(Hold 3s) 192–197 15000 Hz(Hold 3s) 198–203 20000 Hz(Hold 3s) 204–209 25000 Hz(Hold 3s) 210–215 P/T motor reset(Hold 3s) 216–221 CMY motor reset(Hold 3s) 222–227 Gobo motor reset(Hold 3s) 228–233 Blade motor reset(Hold 3s) 234–239 Other motor reset (Hold 3s) 240–245 All motor reset(Hold 3s) 246–250 Enable Color Wheel Index to any position (Hold 3s) 251–255 Disable Color Wheel Index to any position (Hold 3s)