Starway

Superfast Wet



Manufacturer	**Starway**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**23, 28, 30, 34 channels**
Beam angle	**1°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**251 × 307 × 200 mm**
GDTF fixture type	**F4F7CC4B-254F-439F-88B3-68…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 8Bit	23 ch
CK Extend 8Bit	28 ch
Standard 16Bit	30 ch
CK Extend 16Bit	34 ch

Standard 8Bit

23 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	Pan Rotate	0	0–127 no function 128–189 Fast to slow CW 190–193 No rotation 194–255 Slow to fast CCW
6	Tilt Rotate	0	0–127 no function 128–189 Fast to slow CW 190–193 No rotation 194–255 Slow to fast CCW
7	Dimmer	0	0–254 0% 255–255 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	30	0–9 shutter closed 10–41 shutter open1 42–72 Min Strobe 73–73 Max Strobe 74–105 shutter open2 106–136 Min Pulse 137–137 Max Pulse 138–169 Shutter open3 170–200 Min Random 201–201 Max Random 202–233 CK Fade(Only CK mode) 234–255 Shutter open4
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	
13	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–72 Color 17 (wheel slot 18) 73–180 Open-Color1-Color17-Open 181–213 Clockwise from fast to slow 214–223 Stop 224–255 Counter-clockwise from slow to fast
14	Color Wheel Fine	0	Fine byte of Color Wheel

Standard 8Bit (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–223 Fast to Slow CW 224–225 Stop 226–255 Slow to Fast CCW
16	Prism	0	0–5 open (wheel slot 1) 6–255 6 Liner prism (wheel slot 2)
17	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast
18	Prism	0	0–5 Open (wheel slot 1) 6–255 16 facet prism (wheel slot 2)

Standard 8Bit (continued)

Ch	Function	Default	DMX values
19	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast
20	Focus	0	
21	Frost1	0	0–254 0% 255–255 100%
22	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
23	Control1	0	0–5 No function 6–17 Invert Pan off 18–29 Invert Pan on 30–41 Invert Tilt off 42–53 Invert Tilt on 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–215 Quick path P/T Off 216–221 Quick path P/T On 222–232 P/T Reset 233–243 Head Reset 244–255 All Reset

CK Extend 8Bit

28 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	Pan Mode	0	0–254 Fast 255–255 Slow

CK Extend 8Bit (continued)

Ch	Function	Default	DMX values
6	Tilt Mode	0	0–254 Fast 255–255 Slow
7	Position Effect	0	0–9 No function 10–15 CK effect of Pan/Tilt 16–31 Blackout During Movements 32–47 Pan Rotation Clockwise 48–63 Pan Rotation Counter-Clockwise 64–79 Tilt Rotation Clockwise 80–95 Tilt Rotation Counter-Clockwise 96–111 Pan and Tilt Rotation Clockwise 112–127 Pan and Tilt Rotation Counter-Clockwise 128–143 Pan Clockwise and Tilt Counter-Clockwise 144–159 Pan Counter-Clockwise and Tilt Clockwise 160–255 No function
8	Dimmer	0	0–254 0% 255–255 100%
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	30	0–9 shutter closed 10–41 shutter open1 42–72 Min Strobe 73–73 Max Strobe 74–105 shutter open2 106–136 Min Pulse 137–137 Max Pulse 138–169 Shutter open3 170–200 Min Random 201–201 Max Random 202–233 CK Fade(Only CK mode) 234–255 Shutter open4
11	Pan Angle	0	0–14 no function 15–255 Angle 360 > 0
12	Pan Position	0	0–14 no function 15–255 Position 0 > 360
13	Tilt Angle	0	0–14 no function 15–255 Angle 360 > 0
14	Tilt Position	0	0–14 no function 15–255 Position 0 > 360
15	Cyan	0	
16	Magenta	0	
17	Yellow	0	

CK Extend 8Bit (continued)

Ch	Function	Default	DMX values
18	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–72 Color 17 (wheel slot 18) 73–180 Open-Color1-Color17-Open 181–212 CW Fast 213–213 CW Slow 214–223 Stop 224–254 CCW Slow 255–255 CCW Fast
19	Color Wheel Fine	0	Fine byte of Color Wheel

CK Extend 8Bit (continued)

Ch	Function	Default	DMX values
20	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–222 CW Fast 223–223 CW Slow 224–225 Stop 226–254 CCW Slow 255–255 CCW Fast
21	Prism	0	0–5 open (wheel slot 1) 6–255 6 Liner prism (wheel slot 2)
22	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast

CK Extend 8Bit (continued)

Ch	Function	Default	DMX values
23	Prism	0	0–5 Open (wheel slot 1) 6–255 16 facet prism (wheel slot 2)
24	Prism Rotation	0	0–5 open 6–128 indexing 129–190 Fast to slow CW 191–192 Stop 193–254 Empty Channel Set 255–255 CCW Fast
25	Focus	0	
26	Frost1	0	0–254 0% 255–255 100%
27	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
28	Control1	0	0–5 No function 6–17 Invert Pan off 18–29 Invert Pan on 30–41 Invert Tilt off 42–53 Invert Tilt on 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–215 Quick path P/T Off 216–221 Quick path P/T On 222–232 P/T Reset 233–243 Head Reset 244–255 All Reset

Standard 16Bit

30 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

Standard 16Bit (continued)

Ch	Function	Default	DMX values
5	Pan Rotate	0	0–127 no function 128–189 Fast to slow CW 190–193 No rotation 194–255 Slow to fast CCW
6	Tilt Rotate	0	0–127 no function 128–189 Fast to slow CW 190–193 No rotation 194–255 Slow to fast CCW
7	Dimmer	0	0–254 0% 255–255 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	30	0–9 shutter closed 10–41 shutter open1 42–72 Min Strobe 73–73 Max Strobe 74–105 shutter open2 106–136 Min Pulse 137–137 Max Pulse 138–169 Shutter open3 170–200 Min Random 201–201 Max Random 202–233 CK Fade(Only CK mode) 234–255 Shutter open4
10	Cyan	0	
11	Cyan Fine	0	Fine byte of Cyan
12	Magenta	0	
13	Magenta Fine	0	Fine byte of Magenta
14	Yellow	0	
15	Yellow Fine	0	Fine byte of Yellow
16	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–72 Color 17 (wheel slot 18) 73–180 Open-Color1-Color17-Open 181–213 Clockwise from fast to slow 214–223 Stop 224–255 Counter-clockwise from slow to fast
17	Color Wheel Fine	0	Fine byte of Color Wheel

Standard 16Bit (continued)

Ch	Function	Default	DMX values
18	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–223 Fast to Slow CW 224–225 Stop 226–255 Slow to Fast CCW
19	Prism	0	0–5 open (wheel slot 1) 6–255 6 Liner prism (wheel slot 2)
20	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast
21	Prism Rotation Fine	0	Fine byte of Prism Rotation

Standard 16Bit (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–5 Open (wheel slot 1) 6–255 16 facet prism (wheel slot 2)
23	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Focus	0	
26	Focus Fine	0	Fine byte of Focus
27	Frost1	0	0–254 0% 255–255 100%
28	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
29	Position MSpeed	0	0–254 Max speed 255–255 Min speed
30	Control1	0	0–5 No function 6–17 Invert Pan off 18–29 Invert Pan on 30–41 Invert Tilt off 42–53 Invert Tilt on 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–215 Quick path P/T Off 216–221 Quick path P/T On 222–232 P/T Reset 233–243 Head Reset 244–255 All Reset

CK Extend 16Bit

34 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	Pan Mode	0	0–254 Fast 255–255 Slow
6	Tilt Mode	0	0–254 Fast 255–255 Slow
7	Position Effect	0	0–9 No function 10–15 CK effect of Pan/Tilt 16–31 Blackout During Movements 32–47 Pan Rotation Clockwise 48–63 Pan Rotation Counter-Clockwise 64–79 Tilt Rotation Clockwise 80–95 Tilt Rotation Counter-Clockwise 96–111 Pan and Tilt Rotation Clockwise 112–127 Pan and Tilt Rotation Counter-Clockwise 128–143 Pan Clockwise and Tilt Counter-Clockwise 144–159 Pan Counter-Clockwise and Tilt Clockwise 160–255 No function
8	Dimmer	0	0–254 0% 255–255 100%
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	30	0–9 shutter closed 10–41 shutter open1 42–72 Min Strobe 73–73 Max Strobe 74–105 shutter open2 106–136 Min Pulse 137–137 Max Pulse 138–169 Shutter open3 170–200 Min Random 201–201 Max Random 202–233 CK Fade(Only CK mode) 234–255 Shutter open4
11	Pan Angle	0	0–14 no function 15–255 Angle 360 > 0
12	Pan Position	0	0–14 no function 15–255 Position 0 > 360
13	Tilt Angle	0	0–14 no function 15–255 Angle 360 > 0
14	Tilt Position	0	0–14 no function 15–255 Position 0 > 360
15	Cyan	0	
16	Cyan Fine	0	Fine byte of Cyan
17	Magenta	0	
18	Magenta Fine	0	Fine byte of Magenta
19	Yellow	0	
20	Yellow Fine	0	Fine byte of Yellow

CK Extend 16Bit (continued)

Ch	Function	Default	DMX values
21	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–72 Color 17 (wheel slot 18) 73–180 Open-Color1-Color17-Open 181–212 CW Fast 213–213 CW Slow 214–223 Stop 224–254 CCW Slow 255–255 CCW Fast
22	Color Wheel Fine	0	Fine byte of Color Wheel

CK Extend 16Bit (continued)

Ch	Function	Default	DMX values
23	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–222 CW Fast 223–223 CW Slow 224–224 Stop 225–254 CCW Slow 255–255 CCW Fast
24	Prism	0	0–5 open (wheel slot 1) 6–255 6 Liner prism (wheel slot 2)
25	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast

CK Extend 16Bit (continued)

Ch	Function	Default	DMX values
26	Prism Rotation Fine	0	Fine byte of Prism Rotation
27	Prism	0	0–5 Open (wheel slot 1) 6–255 16 facet prism (wheel slot 2)
28	Prism Rotation	0	0–5 open 6–128 indexing 129–190 CW Fast 191–191 CW Slow 192–192 Stop 193–254 CCW Slow 255–255 CCW Fast
29	Prism Rotation Fine	0	Fine byte of Prism Rotation
30	Focus	0	
31	Focus Fine	0	Fine byte of Focus
32	Frost1	0	0–254 0% 255–255 100%
33	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
34	Control1	0	0–5 No function 6–17 Invert Pan off 18–29 Invert Pan on 30–41 Invert Tilt off 42–53 Invert Tilt on 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–215 Quick path P/T Off 216–221 Quick path P/T On 222–232 P/T Reset 233–243 Head Reset 244–255 All Reset