ADJ

Focus Hybrid



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**19, 23, 25 channels**
Beam angle	**2-24°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**203 × 356 × 152 mm**
GDTF fixture type	**E42C9D9E-6CC8-4EDA-A81F-63…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

Basic Mode 19ch Pan540	19 ch
Basic Mode 19ch Pan630	19 ch
Standard Mode 23ch Pan540	23 ch
Standard Mode 23ch Pan630	23 ch
Extended Mode 25ch Pan540	25 ch
Extended Mode 25ch Pan630	25 ch

Basic Mode 19ch Pan540

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest
4	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
5	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Basic Mode 19ch Pan540 (continued)

Ch	Function	Default	DMX values
6	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
7	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
8	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
9	Prism	0	0–31 No Effect 32–255 Prism 1 (8 facet) (wheel slot 1)
10	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest

Basic Mode 19ch Pan540 (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
12	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Focus	0	
16	Zoom	0	
17	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
18	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
19	Function	0	

Basic Mode 19ch Pan630

19 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Tilt	128	
3	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest
4	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
5	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Basic Mode 19ch Pan630 (continued)

Ch	Function	Default	DMX values
6	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
7	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
8	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
9	Prism	0	0–31 No Effect 32–255 Prism 1 (8 facet) (wheel slot 1)
10	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest

Basic Mode 19ch Pan630 (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
12	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Focus	0	
16	Zoom	0	
17	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
18	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
19	Function	0	

Standard Mode 23ch Pan540

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest
6	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
7	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Standard Mode 23ch Pan540 (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Prism	0	0–31 No Effect 32–255 Prism 1 (8 circular facet) (wheel slot 1)

Standard Mode 23ch Pan540 (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
16	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
17	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
18	Focus	0	
19	Zoom	0	
20	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %

Standard Mode 23ch Pan540 (continued)

Ch	Function	Default	DMX values
21	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
22	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
23	Function	0	

Standard Mode 23ch Pan630

23 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest

Standard Mode 23ch Pan630 (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
7	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Standard Mode 23ch Pan630 (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Prism	0	0–31 No Effect 32–255 Prism 1 (8 facet) (wheel slot 1)

Standard Mode 23ch Pan630 (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
16	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
17	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
18	Focus	0	
19	Zoom	0	
20	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %

Standard Mode 23ch Pan630 (continued)

Ch	Function	Default	DMX values
21	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
22	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
23	Function	0	

Extended Mode 25ch Pan540

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest

Extended Mode 25ch Pan540 (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
7	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Extended Mode 25ch Pan540 (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Prism	0	0–31 No Effect 32–255 Prism 1 (8 circular facet) (wheel slot 1)

Extended Mode 25ch Pan540 (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
16	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
17	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
18	Focus	0	
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom
21	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %

Extended Mode 25ch Pan540 (continued)

Ch	Function	Default	DMX values
22	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
23	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
24	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
25	Function	0	

Extended Mode 25ch Pan630

25 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt

Extended Mode 25ch Pan630 (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–8 Open / White (wheel slot 1) 9–13 Red (wheel slot 2) 14–18 Blue (wheel slot 3) 19–23 Green (wheel slot 4) 24–28 Yellow (wheel slot 5) 29–33 Orange (wheel slot 6) 34–38 Purple (wheel slot 7) 39–43 Magenta (wheel slot 8) 44–48 Dark Blue (wheel slot 9) 49–53 Light Blue (wheel slot 10) 54–58 Light Green (wheel slot 11) 59–63 3200K CTO (wheel slot 12) 64–127 Color Mixing (wheel slot 13) 128–188 Fastest 189–189 Slowest 191–193 No Rotation 194–254 Slowest 255–255 Fastest
6	Gobo	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–220 Fastest 221–221 Slowest 222–223 No Rotation 224–254 Slowest 255–255 Fastest
7	Gobo Rotation	0	0–127 Indexing 128–188 Fastest 189–189 Slowest 190–192 No Rotation 193–254 Slowest 255–255 Fastest

Extended Mode 25ch Pan630 (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–9 Open (wheel slot 1) 10–13 Gobo 1 (wheel slot 2) 14–17 Gobo 2 (wheel slot 3) 18–21 Gobo 3 (wheel slot 4) 22–25 Gobo 4 (wheel slot 5) 26–29 Gobo 5 (wheel slot 6) 30–33 Gobo 6 (wheel slot 7) 34–37 Gobo 7 (wheel slot 8) 38–41 Gobo 8 (wheel slot 9) 42–45 Gobo 9 (wheel slot 10) 46–49 Gobo 10 (wheel slot 11) 50–53 Gobo 11 (wheel slot 12) 54–57 Gobo 12 (wheel slot 13) 58–61 Gobo 13 (wheel slot 14) 62–65 Gobo 14 (wheel slot 15) 66–69 Gobo 15 (open 15mm) (wheel slot 16) 70–77 Gobo Shake 1 (wheel slot 2) 78–85 Gobo Shake 2 (wheel slot 3) 86–93 Gobo Shake 3 (wheel slot 4) 94–101 Gobo Shake 4 (wheel slot 5) 102–109 Gobo Shake 5 (wheel slot 6) 110–117 Gobo Shake 6 (wheel slot 7) 118–125 Gobo Shake 7 (wheel slot 8) 126–133 Gobo Shake 8 (wheel slot 9) 134–141 Gobo Shake 9 (wheel slot 10) 142–149 Gobo Shake 10 (wheel slot 11) 150–157 Gobo Shake 11 (wheel slot 12) 158–165 Gobo Shake 12 (wheel slot 13) 166–173 Gobo Shake 13 (wheel slot 14) 174–181 Gobo Shake 14 (wheel slot 15) 182–189 Gobo Shake 15 (wheel slot 16) 190–220 Fastest 221–221 Slowest 222–223 No rotation 224–254 Slowest 255–255 Fastest
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Prism	0	0–31 No Effect 32–255 Prism 1 (8 facet) (wheel slot 1)

Extended Mode 25ch Pan630 (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
14	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
15	Prism	0	0–31 No Effect 32–255 Prism 2 (6 facet linear) (wheel slot 2)
16	Prism Rotation	0	0–5 Prism Rotation Off 6–128 Indexing 0 to 540 deg 129–188 Fastest 189–191 Slowest 192–192 No Rotation 193–254 Slowest 255–255 Fastest
17	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
18	Focus	0	
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom
21	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %

Extended Mode 25ch Pan630 (continued)

Ch	Function	Default	DMX values
22	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
23	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
24	Pan Tilt Mode	0	0–225 Fast to slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
25	Function	0	