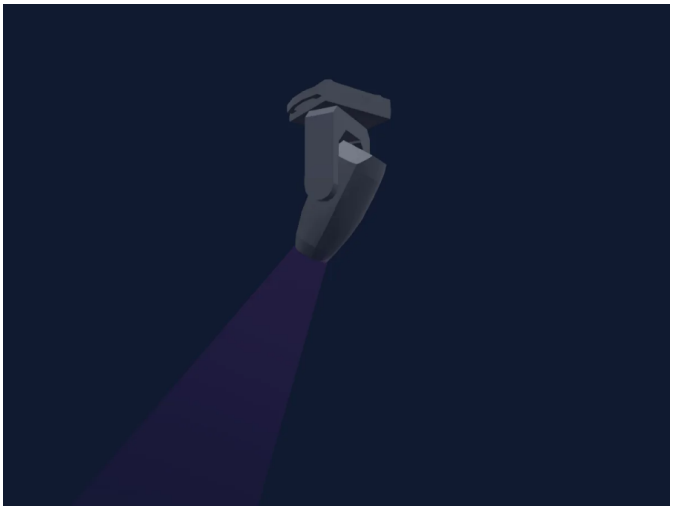
ADJ

Focus CMY Compact



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**26, 31, 40 channels**
Beam angle	**3-52°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**250 × 420 × 190 mm**
GDTF fixture type	**87353883-FAE5-4AB0-894D-2A…**

Controls

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

DMX modes

Basic Pan540	26 ch
Basic Pan630	26 ch
Standard Pan540	31 ch
Standard Pan630	31 ch
Extended Pan540	40 ch
Extended Pan630	40 ch

Basic Pan540

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	127	
3	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
5	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Basic Pan540 (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
8	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast

Basic Pan540 (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
10	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Basic Pan540 (continued)

Ch	Function	Default	DMX values
12	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
13	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
14	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
15	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
16	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
17	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
18	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Basic Pan540 (continued)

Ch	Function	Default	DMX values
19	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
20	Focus	127	
21	Zoom	127	
22	Frost1	0	
23	Frost2	0	
24	Color Macro1Rate	0	
25	Position MSpeed	0	
26	Function	0	

Basic Pan630

26 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Tilt	127	
3	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
5	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Basic Pan630 (continued)

Ch	Function	Default	DMX values
6	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)

Basic Pan630 (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast
9	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY

Basic Pan630 (continued)

Ch	Function	Default	DMX values
10	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
12	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
13	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
14	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Basic Pan630 (continued)

Ch	Function	Default	DMX values
15	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
16	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
17	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
18	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
19	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
20	Focus	127	
21	Zoom	127	
22	Frost1	0	
23	Frost2	0	
24	Color Macro1Rate	0	
25	Position MSpeed	0	
26	Function	0	

Standard Pan540

31 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt

Standard Pan540 (continued)

Ch	Function	Default	DMX values
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan540 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
10	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
12	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
13	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
14	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
16	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
17	Dimmer Fine	0	Fine byte of Dimmer
18	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
19	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
20	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
21	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
23	Focus	127	
24	Zoom	127	
25	Frost1	0	
26	Frost2	0	
27	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default

Standard Pan540 (continued)

Ch	Function	Default	DMX values
28	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function
29	Color Macro1Rate	0	
30	Position MSpeed	0	
31	Function	0	

Standard Pan630

31 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	77	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan630 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
10	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
12	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
13	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
14	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
16	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
17	Dimmer Fine	0	Fine byte of Dimmer
18	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
19	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
20	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
21	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
23	Focus	127	
24	Zoom	127	
25	Frost1	0	
26	Frost2	0	
27	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default

Standard Pan630 (continued)

Ch	Function	Default	DMX values
28	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function
29	Color Macro1Rate	0	
30	Position MSpeed	0	
31	Function	0	

Extended Pan540

40 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	C TO Fine	0	Fine byte of C TO

Extended Pan540 (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
14	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast

Extended Pan540 (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
16	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
17	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Pan540 (continued)

Ch	Function	Default	DMX values
19	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
24	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
25	Prism Rotation Fine	0	Fine byte of Prism Rotation
26	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
27	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
28	Prism Rotation Fine	0	Fine byte of Prism Rotation

Extended Pan540 (continued)

Ch	Function	Default	DMX values
29	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
30	Focus	127	
31	Focus Fine	127	Fine byte of Focus
32	Zoom	127	
33	Zoom Fine	127	Fine byte of Zoom
34	Frost1	0	
35	Frost2	0	
36	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default

Extended Pan540 (continued)

Ch	Function	Default	DMX values
37	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function
38	Color Macro1Rate	0	
39	Position MSpeed	0	
40	Function	0	

Extended Pan630

40 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	77	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	C TO Fine	0	Fine byte of C TO

Extended Pan630 (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
14	Color Wheel 2	0	0–4 Open (wheel slot 1) 5–17 Open / Red (wheel slot 1) 18–30 Red (wheel slot 2) 31–43 Red / Blue (wheel slot 2) 44–56 Blue (wheel slot 3) 57–69 Blue / Green (wheel slot 3) 70–82 Green (wheel slot 4) 83–95 Green / Orange (wheel slot 4) 96–108 Orange (wheel slot 5) 109–121 Orange / Midnight Blue (wheel slot 5) 122–134 Midnight Blue (wheel slot 6) 135–147 Midnight Blue / High CRI (wheel slot 6) 148–160 High CRI (wheel slot 7) 161–173 High CRI / CTB (wheel slot 7) 174–186 CTB (wheel slot 8) 187–199 CTB / Open (wheel slot 8) 200–226 CW Rotation Fast to Slow 227–228 No Rot 229–255 CCW Slow to Fast

Extended Pan630 (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
16	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 Gobo8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
17	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Pan630 (continued)

Ch	Function	Default	DMX values
19	Gobo 2	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) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–175 Gobo 9 (wheel slot 10) 176–185 Gobo 10 (wheel slot 11) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
24	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
25	Prism Rotation Fine	0	Fine byte of Prism Rotation
26	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
27	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
28	Prism Rotation Fine	0	Fine byte of Prism Rotation

Extended Pan630 (continued)

Ch	Function	Default	DMX values
29	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
30	Focus	127	
31	Focus Fine	127	Fine byte of Focus
32	Zoom	127	
33	Zoom Fine	127	Fine byte of Zoom
34	Frost1	0	
35	Frost2	0	
36	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default

Extended Pan630 (continued)

Ch	Function	Default	DMX values
37	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inv Squa 61–80 S Curve 81–255 No Function
38	Color Macro1Rate	0	
39	Position MSpeed	0	
40	Function	0	