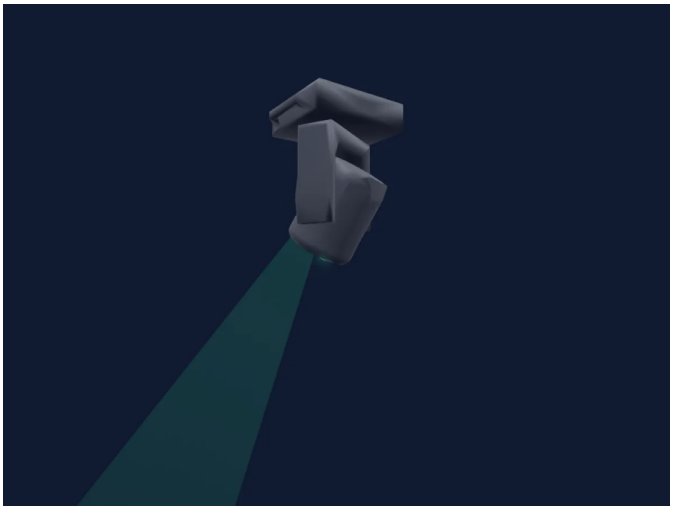
Elation

REBEL Wash 4



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**12**
DMX footprint	**20, 21, 28 channels**
Beam angle	**5-40°**
Pan range	**540°**
Tilt range	**360°**
Size (W × H × D)	**167 × 216 × 167 mm**
GDTF fixture type	**BB54835F-0C01-49BA-B06E-E4…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

Pixels Pan360 Tilt270	20 ch
Pixels Pan360 Tilt360	20 ch
Pixels Pan540 Tilt270	20 ch
Pixels Pan540 Tilt360	20 ch
Standard Pan360 Tilt270	21 ch
Standard Pan360 Tilt360	21 ch
Standard Pan540 Tilt270	21 ch
Standard Pan540 Tilt360	21 ch
Extended Pan360 Tilt270	28 ch
Extended Pan360 Tilt360	28 ch
Extended Pan540 Tilt270	28 ch
Extended Pan540 Tilt360	28 ch

Pixels Pan360 Tilt270

20 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Pan Fine	255	
3	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Tilt Fine	255	
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function

Pixels Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Pixels Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
8	Color Wheel Fine	0	Fine byte of Color Wheel

Pixels Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Pixels Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
10	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
11	Zoom Fine	255	Fine byte of Zoom
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer
15	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
16	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
17	Function	0	
18	Effect	0	0–0 Idle 1–255 FX 1 to 255
19	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
20	Effects1Fade	0	

Pixels Pan360 Tilt360

20 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Pan Fine	255	
3	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Tilt Fine	255	
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function

Pixels Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Pixels Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
8	Color Wheel Fine	0	Fine byte of Color Wheel

Pixels Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Pixels Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
10	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
11	Zoom Fine	255	Fine byte of Zoom
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer
15	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
16	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
17	Function	0	
18	Effect	0	0–0 Idle 1–255 FX 1 to 255
19	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
20	Effects1Fade	0	

Pixels Pan540 Tilt270

20 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
3	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function

Pixels Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Pixels Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
8	Color Wheel Fine	0	Fine byte of Color Wheel

Pixels Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Pixels Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
10	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
11	Zoom Fine	255	Fine byte of Zoom
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer
15	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
16	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
17	Function	0	
18	Effect	0	0–0 Idle 1–255 FX 1 to 255
19	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
20	Effects1Fade	0	

Pixels Pan540 Tilt360

20 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Pan Fine	255	
3	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Tilt Fine	255	
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function

Pixels Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Pixels Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
8	Color Wheel Fine	0	Fine byte of Color Wheel

Pixels Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Pixels Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
10	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
11	Zoom Fine	255	Fine byte of Zoom
12	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer
15	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
16	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
17	Function	0	
18	Effect	0	0–0 Idle 1–255 FX 1 to 255
19	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
20	Effects1Fade	0	

Standard Pan360 Tilt270

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
9	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Standard Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
13	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
14	Zoom Fine	255	Fine byte of Zoom
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
16	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
17	Dimmer Fine	0	Fine byte of Dimmer
18	Function	0	
19	Effect	0	0–0 Idle 1–255 FX Selection 1 to 255
20	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
21	Effects1Fade	0	

Standard Pan360 Tilt360

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
9	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Standard Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
13	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
14	Zoom Fine	255	Fine byte of Zoom
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
16	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
17	Dimmer Fine	0	Fine byte of Dimmer
18	Function	0	
19	Effect	0	0–0 Idle 1–255 FX Selection 1 to 255
20	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
21	Effects1Fade	0	

Standard Pan540 Tilt270

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
9	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Standard Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
13	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
14	Zoom Fine	255	Fine byte of Zoom
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
16	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
17	Dimmer Fine	0	Fine byte of Dimmer
18	Function	0	
19	Effect	0	0–0 Idle 1–255 FX Selection 1 to 255
20	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
21	Effects1Fade	0	

Standard Pan540 Tilt360

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
9	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Standard Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Standard Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
13	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
14	Zoom Fine	255	Fine byte of Zoom
15	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
16	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
17	Dimmer Fine	0	Fine byte of Dimmer
18	Function	0	
19	Effect	0	0–0 Idle 1–255 FX Selection 1 to 255
20	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
21	Effects1Fade	0	

Extended Pan360 Tilt270

28 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Red Fine	255	Fine byte of Red
9	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Green Fine	255	Fine byte of Green

Extended Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
11	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Color Add GY Fine	255	Fine byte of Color Add GY

Extended Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Extended Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
16	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
17	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan360 Tilt270 (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
22	Dimmer Fine	0	Fine byte of Dimmer
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
25	Function	0	
26	Effect	0	0–0 Idle 1–255 FX 1 to 255
27	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
28	Effects1Fade	0	

Extended Pan360 Tilt360

28 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Red Fine	255	Fine byte of Red
9	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Green Fine	255	Fine byte of Green
11	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Color Add GY Fine	255	Fine byte of Color Add GY

Extended Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Extended Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
16	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
17	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan360 Tilt360 (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
22	Dimmer Fine	0	Fine byte of Dimmer
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
25	Function	0	
26	Effect	0	0–0 Idle 1–255 FX 1 to 255
27	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
28	Effects1Fade	0	

Extended Pan540 Tilt270

28 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Red Fine	255	Fine byte of Red
9	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Green Fine	255	Fine byte of Green
11	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Color Add GY Fine	255	Fine byte of Color Add GY

Extended Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Extended Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
16	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
17	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan540 Tilt270 (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
22	Dimmer Fine	0	Fine byte of Dimmer
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
25	Function	0	
26	Effect	0	0–0 Idle 1–255 FX 1 to 255
27	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
28	Effects1Fade	0	

Extended Pan540 Tilt360

28 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No Function
6	Tilt Rotate	0	0–2 No function 3–126 CW Fast to Slow 127–129 Stop 130–253 CCW Slow to Fast 254–255 No function
7	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Red Fine	255	Fine byte of Red
9	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Green Fine	255	Fine byte of Green
11	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Blue Fine	255	Fine byte of Blue
13	Color Add GY	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Color Add GY Fine	255	Fine byte of Color Add GY

Extended Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–82 8200 (wheel slot 64) 83–83 8300K (wheel slot 65) 84–84 8400K (wheel slot 66) 85–255 8500K (wheel slot 67)

Extended Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
16	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
17	Color Wheel 2	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 No Function (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan540 Tilt360 (continued)

Ch	Function	Default	DMX values
18	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
21	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
22	Dimmer Fine	0	Fine byte of Dimmer
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 0*8s 130–130 0*9s 131–131 1s 132–132 1*5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
25	Function	0	
26	Effect	0	0–0 Idle 1–255 FX 1 to 255
27	Effect Speed	0	0–126 Slow to Fast 127–128 Stop 129–255 Rev Fast to Slow
28	Effects1Fade	0	