ADJ

Hydro Flex L7



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**8**
DMX footprint	**16, 25, 26, 28, 34, 42, 50 channels**
Beam angle	**6-54°**
Pan range	**540°**
Tilt range	**265°**
Heads / cells	**5**
Size (W × H × D)	**224 × 260 × 211 mm**
GDTF fixture type	**A30E5A4B-5F0B-4B0D-86F9-5E…**

Controls

Zoom · CMY colour mixing · 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

16 CH	16 ch
25 CH STD	25 ch
25 CH STD CMY	25 ch
26CH	26 ch
28 CH	28 ch
34 CH	34 ch
42 Ch	42 ch
50 CH	50 ch

16 CH

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	127	
3	Red	255	0–254 Red 1 Min 255–255 Red 1 Max
4	Green	255	0–254 Green 1 Min 255–255 Green 1 Max
5	Blue	255	0–254 Blue 1 Min 255–255 Blue1 Max
6	Color Add GY	255	0–254 Lime 1 Min 255–255 Lime 1 Max
7	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
8	Color5	0	
9	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)
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Zoom	127	
12	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function

16 CH (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	
14	Effects1Fade	0	
15	Position MSpeed	0	
16	Function	0	

25 CH STD

25 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	Red	255	0–254 Red 1 Min 255–255 Red 1 Max
6	Green	255	0–254 Green 1 Min 255–255 Green 1 Max
7	Blue	255	0–254 Blue 1 Min 255–255 Blue1 Max
8	Color Add GY	255	0–254 Lime 1 Min 255–255 Lime 1 Max
9	Color Wheel	0	0–0 Empty Channel Set 1–255 Linear From 2700K to 10000K
10	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
11	Color3	0	
12	Color4	0	
13	Color5	0	
14	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)
15	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
16	Dimmer Fine	0	Fine byte of Dimmer
17	Zoom	127	
18	Zoom Fine	127	Fine byte of Zoom

25 CH STD (continued)

Ch	Function	Default	DMX values
19	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
20	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
21	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
22	Effect Speed	0	
23	Effects1Fade	0	
24	Position MSpeed	0	
25	Function	0	

25 CH STD CMY

25 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	0–254 Cyan Min 255–255 Cyan Max
6	Magenta	0	0–254 Magenta Min 255–255 Magenta Max
7	Yellow	0	0–254 Yellow Min 255–255 Yellow Max
8	Color Wheel	0	0–0 Off 1–255 Linear From 2700K to 10000K
9	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
10	Color3	0	
11	Color4	0	
12	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
13	Color5	0	
14	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)
15	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
16	Dimmer Fine	0	Fine byte of Dimmer
17	Zoom	127	
18	Zoom Fine	127	Fine byte of Zoom

25 CH STD CMY (continued)

Ch	Function	Default	DMX values
19	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
20	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
21	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
22	Effect Speed	0	
23	Effects1Fade	0	
24	Position MSpeed	0	
25	Function	0	

26CH

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	0–254 Red 1 Min 255–255 Red 1 Max
6	Green	255	0–254 Green 1 Min 255–255 Green 1 Max
7	Blue	255	0–254 Blue 1 Min 255–255 Blue1 Max
8	Color Add GY	255	0–254 Lime 1 Min 255–255 Lime 1 Max
9	Color Wheel	0	0–0 Empty Channel Set 1–255 Linear From 2700K to 10000K
10	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
11	Color3	0	
12	Color4	0	
13	Tint	0	0–0 No Function 1–255 Shift CT Red to Green
14	Color5	0	
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 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Dimmer Fine	0	Fine byte of Dimmer
18	Zoom	127	
19	Zoom Fine	127	Fine byte of Zoom

26CH (continued)

Ch	Function	Default	DMX values
20	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
21	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
22	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
23	Effect Speed	0	
24	Effects1Fade	0	
25	Position MSpeed	0	
26	Function	0	

28 CH

28 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	0–254 Cyan Min 255–255 Cyan Max
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–254 Magenta Min 255–255 Magenta Max
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–254 Yellow Min 255–255 Yellow Max
10	Yellow Fine	0	Fine byte of Yellow
11	Color Wheel	0	0–0 Off 1–255 Linear From 2700K to 10000K
12	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
13	Color3	0	
14	Color4	0	
15	Tint	0	0–0 NO Function 1–255 Shift CT Red to Green
16	Color5	0	
17	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)
18	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
19	Dimmer Fine	0	Fine byte of Dimmer
20	Zoom	127	
21	Zoom Fine	127	Fine byte of Zoom

28 CH (continued)

Ch	Function	Default	DMX values
22	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 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
23	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
24	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
25	Effect Speed	0	
26	Effects1Fade	0	
27	Position MSpeed	0	
28	Function	0	

34 CH

34 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	Red	255	0–254 Red 1 Min 255–255 Red 1 Max
6	Green	255	0–254 Green 1 Min 255–255 Green 1 Max
7	Blue	255	0–254 Blue 1 Min 255–255 Blue1 Max
8	Color Add GY	255	0–254 Lime 1 Min 255–255 Lime 1 Max
9	Red	255	0–254 Red 2 Min 255–255 Red 2 Max
10	Green	255	0–254 Green 2 Min 255–255 Green 2 Max
11	Blue	255	0–254 Blue 2 Min 255–255 Blue 2 Max
12	Color Add GY	255	0–254 Lime 2 Min 255–255 Lime 2 Max
13	Red	255	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	255	0–254 Green 3 Min 255–255 Green 3 Max
15	Blue	255	0–254 Blue 3 Min 255–255 Blue 3 Max
16	Color Add GY	255	0–254 Lime 3 Min 255–255 Lime 3 Max
17	Color Wheel	0	0–0 Off 1–255 Linear From 2700K to 10000K
18	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
19	Color3	0	
20	Color4	0	
21	Tint	0	0–0 No Function 1–255 Shift CT Red to Green
22	Color5	0	
23	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)

34 CH (continued)

Ch	Function	Default	DMX values
24	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
25	Dimmer Fine	0	Fine byte of Dimmer
26	Zoom	127	
27	Zoom Fine	127	Fine byte of Zoom
28	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
29	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

34 CH (continued)

Ch	Function	Default	DMX values
30	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
31	Effect Speed	0	
32	Effects1Fade	0	
33	Position MSpeed	0	
34	Function	0	

42 Ch

42 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	Red	255	0–254 Red 1 Min 255–255 Red 1 Max
6	Green	255	0–254 Green 1 Min 255–255 Green 1 Max
7	Blue	255	0–254 Blue 1 Min 255–255 Blue1 Max
8	Color Add GY	255	0–254 Lime 1 Min 255–255 Lime 1 Max
9	Red	255	0–254 Red 2 Min 255–255 Red 2 Max
10	Green	255	0–254 Green 2 Min 255–255 Green 2 Max
11	Blue	255	0–254 Blue 2 Min 255–255 Blue 2 Max
12	Color Add GY	255	0–254 Lime 2 Min 255–255 Lime 2 Max
13	Red	255	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	255	0–254 Green 3 Min 255–255 Green 3 Max

42 Ch (continued)

Ch	Function	Default	DMX values
15	Blue	255	0–254 Blue 3 Min 255–255 Blue 3 Max
16	Color Add GY	255	0–254 Lime 3 Min 255–255 Lime 3 Max
17	Red	255	0–254 Red 4 Min 255–255 Red 4 Max
18	Green	255	0–254 Green 4 Min 255–255 Green 4 Max
19	Blue	255	0–254 Blue 4 Min 255–255 Blue 4 Max
20	Color Add GY	255	0–254 Lime 4 Min 255–255 Lime 4 Max
21	Red	255	0–254 Red 5 Min 255–255 Red 5 Max
22	Green	255	0–254 Green 5 Min 255–255 Green 5 Max
23	Blue	255	0–254 Blue 5 Min 255–255 Blue 5 Max
24	Color Add GY	255	0–254 Lime 5 Min 255–255 Lime 5 Max
25	Color Wheel	0	0–0 Off 1–255 Linear From 2700K to 10000K
26	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
27	Color3	0	
28	Color4	0	
29	Tint	0	0–0 No Function 1–255 Shift CT Red to Green
30	Color5	0	
31	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)
32	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
33	Dimmer Fine	0	Fine byte of Dimmer
34	Zoom	127	
35	Zoom Fine	127	Fine byte of Zoom

42 Ch (continued)

Ch	Function	Default	DMX values
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
37	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
38	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
39	Effect Speed	0	
40	Effects1Fade	0	
41	Position MSpeed	0	
42	Function	0	

50 CH

50 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	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Color Wheel	0	0–0 Off 1–255 Linear From 2700K to 10000K
34	Color Wheel 2	0	0–0 No Function (wheel slot 1) 1–60 2700 (wheel slot 5) 61–179 3000 (wheel slot 8) 180–201 3200 (wheel slot 10) 202–207 4000 (wheel slot 18) 208–229 4500 (wheel slot 23) 230–234 5000 (wheel slot 28) 235–239 5600 (wheel slot 34) 240–244 6500 (wheel slot 43) 245–249 8000K (wheel slot 58) 250–255 10000K (wheel slot 64)
35	Color3	0	
36	Color4	0	

50 CH (continued)

Ch	Function	Default	DMX values
37	Tint	0	0–0 No Function 1–255 Shift CT Red to Green
38	Color5	0	
39	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)
40	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
41	Dimmer Fine	0	Fine byte of Dimmer
42	Zoom	127	
43	Zoom Fine	127	Fine byte of Zoom
44	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
45	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

50 CH (continued)

Ch	Function	Default	DMX values
46	Effect	0	0–9 No Function 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 No Function
47	Effect Speed	0	
48	Effects1Fade	0	
49	Position MSpeed	0	
50	Function	0	