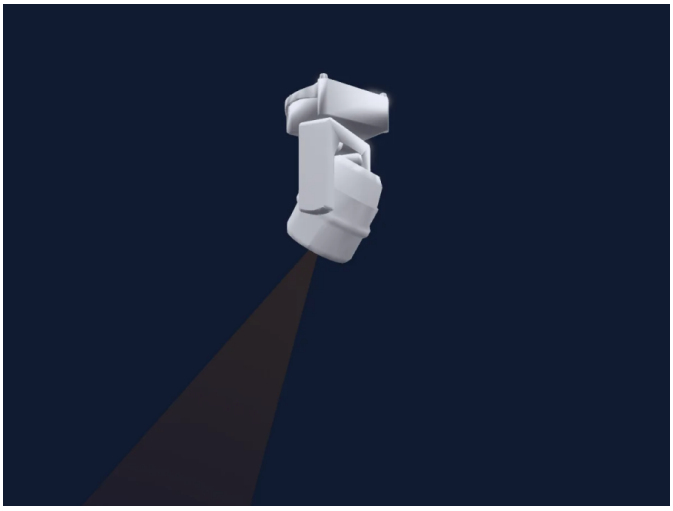
Event Lighting

DELUGEM7X60WFX



Manufacturer	**Event Lighting**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**28, 49, 105, 127 channels**
Beam angle	**3-50°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**35**
Size (W × H × D)	**225 × 265 × 239 mm**
GDTF fixture type	**A623B32D-F766-44B9-95B5-2C…**

Controls

Zoom · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

28Ch	28 ch
49Ch	49 ch
105Ch	105 ch
127Ch	127 ch

28Ch

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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
12	White	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
14	Control1	0	0–215 Reserved - Custom 216–230 P/T Reset - Reset 231–245 Full Fixture Reset - Reset 246–255 No Function - Custom
15	Position Effect	0	0–9 No Function 10–39 Program 1 40–69 Program 2 70–99 Program 3 100–139 Program 4 140–169 Program 5 170–229 Program 6 230–255 Program 7
16	Position Effect Rate	0	0–128 Slow>Fast 129–255 Fast>Slow

28Ch (continued)

Ch	Function	Default	DMX values
17	Color Macro1	0	0–45 Open (wheel slot 1) 46–50 Cyan (wheel slot 2) 51–55 Yellow (wheel slot 3) 56–60 Magenta 1 (wheel slot 4) 61–65 Medium Yellow (wheel slot 5) 66–70 Straw Tint 1 (wheel slot 6) 71–75 Sunrise Peach (wheel slot 7) 76–80 Fire (wheel slot 8) 81–85 Medium Amber (wheel slot 9) 86–90 Gold Amber (wheel slot 10) 91–95 Dark Amber (wheel slot 11) 96–100 Sunrise Red (wheel slot 12) 101–105 Light Pink (wheel slot 13) 106–110 Medium Pink (wheel slot 14) 111–115 Pink Carnation (wheel slot 15) 116–120 Light Lavender (wheel slot 16) 121–125 Sky Blue (wheel slot 17) 126–130 Just Blue (wheel slot 18) 131–135 Dark Yellow Green (wheel slot 19) 136–140 Spring Yellow (wheel slot 20) 141–145 Light Amber (wheel slot 21) 146–150 Deep Amber (wheel slot 22) 151–155 Straw Tint 2 (wheel slot 23) 156–160 Orange (wheel slot 24) 161–165 Light Rose (wheel slot 25) 166–170 Middle Rose (wheel slot 26) 171–175 Dark Pink (wheel slot 27) 176–180 Magenta 2 (wheel slot 28) 181–185 Peacock Blue (wheel slot 29) 186–190 Steel Blue (wheel slot 30) 191–195 Light Blue (wheel slot 31) 196–200 Dark Blue (wheel slot 32) 201–205 Leaf Green (wheel slot 33) 206–210 Dark Green (wheel slot 34) 211–215 Mauve (wheel slot 35) 216–220 Deep Golden Amber (wheel slot 36) 221–225 Pale Lavender (wheel slot 37) 226–230 Primary Green (wheel slot 38) 231–235 Bright Blue (wheel slot 39) 236–240 Apricot (wheel slot 40) 241–245 Pale Gold (wheel slot 41) 246–250 Deep Orange (wheel slot 42) 251–255 Flame Red (wheel slot 43)
18	C TC	0	0–17 Open - CTC 18–34 8000K - CTC 35–51 7500K - CTC 52–68 6500K - CTC 69–85 6000K - CTC 86–102 5600K - CTC 103–119 5000K - CTC 120–136 4500K - CTC 137–153 4000K - CTC 154–170 3500K - CTC 171–187 3200K - CTC 188–204 3000K - CTC 205–221 2700K - CTC 222–238 2500K - CTC 239–255 2000K - CTC

28Ch (continued)

Ch	Function	Default	DMX values
19	Effect 2	0	0–5 Open - Macro 6–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
20	Effect Speed 2	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Effects1Pos Rotate	0	0–5 Stop - Stop Loop 6–62 CW Indexing - Indexing 63–127 CCW Indexing - Indexing 128–192 Rotate CW S > F - Rotate CW 193–255 Rotate CCW S > F - Rotate CCW
22	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 FADE STROBE 2 206–255 FADE STROBE 1
23	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Red	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Green	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Blue	0	0–0 Min 1–254 Min > Max 255–255 Max

28Ch (continued)

Ch	Function	Default	DMX values
27	Effect 3	0	0–3 Open - Macro 4–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
28	Effect Speed 3	0	0–0 Min 1–254 Min > Max 255–255 Max

49Ch

49 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Zoom	127	0–254 Narrow 255–255 Wide
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	0–5 Stop - Stop Loop 6–62 CW Indexing - Indexing 63–127 CCW Indexing - Indexing 128–192 Rotate CW S > F - Rotate CW 193–255 Rotate CCW S > F - Rotate CCW
9	Control1	0	0–215 Reserved - Custom 216–230 P/T Reset - Reset 231–245 Full Fixture Reset - Reset 246–255 No Function - Custom
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe
13	Red	0	0–0 Min 1–254 Min > Max 255–255 Max

49Ch (continued)

Ch	Function	Default	DMX values
14	Green	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Effect 2	0	0–5 Open - Macro 6–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
17	Effect Speed 2	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe

49Ch (continued)

Ch	Function	Default	DMX values
20	Color Macro1	0	0–45 Open (wheel slot 1) 46–50 Cyan (wheel slot 2) 51–55 Yellow (wheel slot 3) 56–60 Magenta 1 (wheel slot 4) 61–65 Medium Yellow (wheel slot 5) 66–70 Straw Tint 1 (wheel slot 6) 71–75 Sunrise Peach (wheel slot 7) 76–80 Fire (wheel slot 8) 81–85 Medium Amber (wheel slot 9) 86–90 Gold Amber (wheel slot 10) 91–95 Dark Amber (wheel slot 11) 96–100 Sunrise Red (wheel slot 12) 101–105 Light Pink (wheel slot 13) 106–110 Medium Pink (wheel slot 14) 111–115 Pink Carnation (wheel slot 15) 116–120 Light Lavender (wheel slot 16) 121–125 Sky Blue (wheel slot 17) 126–130 Just Blue (wheel slot 18) 131–135 Dark Yellow Green (wheel slot 19) 136–140 Spring Yellow (wheel slot 20) 141–145 Light Amber (wheel slot 21) 146–150 Deep Amber (wheel slot 22) 151–155 Straw Tint 2 (wheel slot 23) 156–160 Orange (wheel slot 24) 161–165 Light Rose (wheel slot 25) 166–170 Middle Rose (wheel slot 26) 171–175 Dark Pink (wheel slot 27) 176–180 Magenta 2 (wheel slot 28) 181–185 Peacock Blue (wheel slot 29) 186–190 Steel Blue (wheel slot 30) 191–195 Light Blue (wheel slot 31) 196–200 Dark Blue (wheel slot 32) 201–205 Leaf Green (wheel slot 33) 206–210 Dark Green (wheel slot 34) 211–215 Mauve (wheel slot 35) 216–220 Deep Golden Amber (wheel slot 36) 221–225 Pale Lavender (wheel slot 37) 226–230 Primary Green (wheel slot 38) 231–235 Bright Blue (wheel slot 39) 236–240 Apricot (wheel slot 40) 241–245 Pale Gold (wheel slot 41) 246–250 Deep Orange (wheel slot 42) 251–255 Flame Red (wheel slot 43)
21	C TC	0	0–17 Open - CTC 18–34 8000K - CTC 35–51 7500K - CTC 52–68 6500K - CTC 69–85 6000K - CTC 86–102 5600K - CTC 103–119 5000K - CTC 120–136 4500K - CTC 137–153 4000K - CTC 154–170 3500K - CTC 171–187 3200K - CTC 188–204 3000K - CTC 205–221 2700K - CTC 222–235 2500K - CTC 236–255 2000K - CTC
22	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

49Ch (continued)

Ch	Function	Default	DMX values
23	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
25	White	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
29	White	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
33	White	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
37	White	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
40	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

49Ch (continued)

Ch	Function	Default	DMX values
41	White	255	0–0 Min 1–254 Min > Max 255–255 Max
42	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
43	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
44	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
45	White	255	0–0 Min 1–254 Min > Max 255–255 Max
46	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
47	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
48	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
49	White	255	0–0 Min 1–254 Min > Max 255–255 Max

105Ch

105 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	Position MSpeed	0	
6	Zoom	127	
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	

105Ch (continued)

Ch	Function	Default	DMX values
16	Effect 2	0	0–5 Open - Macro 6–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
17	Effect Speed 2	0	
18	Color Macro1	0	
19	C TC	0	
20	Dimmer	0	
21	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe
22	Red	0	
23	Green	0	
24	Blue	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	Red	0	
35	Green	0	
36	Blue	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	Red	0	
44	Green	0	

105Ch (continued)

Ch	Function	Default	DMX values
45	Blue	0	
46	Red	0	
47	Green	0	
48	Blue	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	Red	0	
53	Green	0	
54	Blue	0	
55	Red	0	
56	Green	0	
57	Blue	0	
58	Red	0	
59	Green	0	
60	Blue	0	
61	Red	0	
62	Green	0	
63	Blue	0	
64	Red	0	
65	Green	0	
66	Blue	0	
67	Red	0	
68	Green	0	
69	Blue	0	
70	Red	0	
71	Green	0	
72	Blue	0	
73	Red	0	
74	Green	0	
75	Blue	0	
76	Red	0	
77	Green	0	
78	Blue	0	
79	Red	0	
80	Green	0	
81	Blue	0	
82	Red	0	
83	Green	0	
84	Blue	0	
85	Red	0	
86	Green	0	
87	Blue	0	
88	Red	0	
89	Green	0	

105Ch (continued)

Ch	Function	Default	DMX values
90	Blue	0	
91	Red	0	
92	Green	0	
93	Blue	0	
94	Red	0	
95	Green	0	
96	Blue	0	
97	Red	0	
98	Green	0	
99	Blue	0	
100	Red	0	
101	Green	0	
102	Blue	0	
103	Red	0	
104	Green	0	
105	Blue	0	

127Ch

127 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	Position MSpeed	0	
6	Zoom	127	
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
12	Color Macro1	0	
13	C TC	0	
14	Red	255	
15	Green	255	
16	Blue	255	
17	White	255	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	255	
22	Red	255	

127Ch (continued)

Ch	Function	Default	DMX values
23	Green	255	
24	Blue	255	
25	White	255	
26	Red	255	
27	Green	255	
28	Blue	255	
29	White	255	
30	Red	255	
31	Green	255	
32	Blue	255	
33	White	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	White	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	255	
42	Dimmer	0	
43	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Fade Strobe 1 - Strobe 206–255 Fade Strobe 2 - Strobe
44	Red	0	
45	Green	0	
46	Blue	0	
47	Red	0	
48	Green	0	
49	Blue	0	
50	Red	0	
51	Green	0	
52	Blue	0	
53	Red	0	
54	Green	0	
55	Blue	0	
56	Red	0	
57	Green	0	
58	Blue	0	
59	Red	0	
60	Green	0	
61	Blue	0	
62	Red	0	
63	Green	0	
64	Blue	0	

127Ch (continued)

Ch	Function	Default	DMX values
65	Red	0	
66	Green	0	
67	Blue	0	
68	Red	0	
69	Green	0	
70	Blue	0	
71	Red	0	
72	Green	0	
73	Blue	0	
74	Red	0	
75	Green	0	
76	Blue	0	
77	Red	0	
78	Green	0	
79	Blue	0	
80	Red	0	
81	Green	0	
82	Blue	0	
83	Red	0	
84	Green	0	
85	Blue	0	
86	Red	0	
87	Green	0	
88	Blue	0	
89	Red	0	
90	Green	0	
91	Blue	0	
92	Red	0	
93	Green	0	
94	Blue	0	
95	Red	0	
96	Green	0	
97	Blue	0	
98	Red	0	
99	Green	0	
100	Blue	0	
101	Red	0	
102	Green	0	
103	Blue	0	
104	Red	0	
105	Green	0	
106	Blue	0	
107	Red	0	
108	Green	0	
109	Blue	0	

127Ch (continued)

Ch	Function	Default	DMX values
110	Red	0	
111	Green	0	
112	Blue	0	
113	Red	0	
114	Green	0	
115	Blue	0	
116	Red	0	
117	Green	0	
118	Blue	0	
119	Red	0	
120	Green	0	
121	Blue	0	
122	Red	0	
123	Green	0	
124	Blue	0	
125	Red	0	
126	Green	0	
127	Blue	0	