GLP

JDC Line 500



Manufacturer	**GLP**
Type	**Strobe**
DMX modes	**7**
DMX footprint	**16, 26, 27, 28, 34, 41 channels**
Beam angle	**20-25°**
Heads / cells	**2**
Size (W × H × D)	**500 × 202 × 67 mm**
GDTF fixture type	**695C764E-5D7D-41DD-BF06-67…**

Controls

Extra LED colours · Colour temperature · Dimmer · Pixel control

DMX modes

Mode 1 RGBW Strobe (16ch)	16 ch
Mode 7 Multipix Quadpix (38ch)	26 ch
Mode 3 W Strobe RGB Pixel (84ch)	27 ch
Mode 4 W + RGB Strobe + W Pixel (47ch)	28 ch
Mode 2 W Strobe + RGB Strobe (34ch)	34 ch
Mode 5 Multipix (98ch)	41 ch
Mode 6 Multipix Advanced (158ch)	41 ch

Mode 1 RGBW Strobe (16ch)

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
6	Control1	0	
7	C TC	0	
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add CW	0	
12	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
13	Red	255	
14	Green	255	
15	Blue	255	
16	Color Add CW	0	

Mode 7 Multipix Quadpix (38ch)

26 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Mode 7 Multipix Quadpix (38ch) (continued)

Ch	Function	Default	DMX values
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	26	
7	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
8	Dimmer Fine	255	Fine byte of Dimmer
9	Strobe Duration	0	0–254 Short 255–255 Long
10	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
11	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
12	C TC	0	
13	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*

Mode 7 Multipix Quadpix (38ch) (continued)

Ch	Function	Default	DMX values
14	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
15	Red	255	
16	Green	255	
17	Blue	255	
18	Color Add CW	0	
19	Dimmer	255	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Red	255	
25	Green	255	
26	Blue	255	

Mode 3 W Strobe RGB Pixel (84ch)

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open

Mode 3 W Strobe RGB Pixel (84ch) (continued)

Ch	Function	Default	DMX values
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	26	
7	Pattern Selection	0	
8	Pattern Step Speed	0	0–2 Patter Step 01 3–116 Step 02 - 39 117–119 Pattern Step 40 120–127 NoFeature 128–189 CW Fast 190–190 CW Slow 191–192 Stop 193–254 CCW Slow 255–255 CCW Fast
9	Pattern Crossfade	0	0–5 Open (snap 1) 6–127 Crossfade 128–133 Off (snap 2) 134–255 Crossfade with Tail
10	Pattern Transition	0	0–10 Open Snap 1 11–67 Snap no Transition 68–68 Transition Time 15 sec 69–73 No Transition Snap 2 74–129 Fade over Black Snap 130–130 Fade over Black Trans Time 15 sec 131–135 No Transition Snap 3 136–192 Fade over Full Snap 193–193 Fade over Full Trans Time 15 sec 194–255 NoFeature
11	Pattern Chain Length	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
12	Pattern Chain Position	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
13	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
14	Dimmer Fine	255	Fine byte of Dimmer
15	Strobe Duration	0	0–254 Short 255–255 Long

Mode 3 W Strobe RGB Pixel (84ch) (continued)

Ch	Function	Default	DMX values
16	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
17	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
18	C TC	0	
19	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*
20	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add CW	0	
25	Red	255	
26	Green	255	
27	Blue	255	

Mode 4 W + RGB Strobe + W Pixel (47ch)

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open

Mode 4 W + RGB Strobe + W Pixel (47ch) (continued)

Ch	Function	Default	DMX values
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	26	
7	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Strobe Duration	0	0–254 Short 255–255 Long
10	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
11	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
12	C TC	0	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Pattern Selection	0	

Mode 4 W + RGB Strobe + W Pixel (47ch) (continued)

Ch	Function	Default	DMX values
17	Pattern Step Speed	0	0–2 Patter Step 01 3–116 Step 02 - 39 117–119 Pattern Step 40 120–127 NoFeature 128–189 CW Fast 190–190 CW Slow 191–192 Stop 193–254 CCW Slow 255–255 CCW Fast
18	Pattern Crossfade	0	0–5 Open (snap 1) 6–127 Crossfade 128–133 Off (snap 2) 134–255 Crossfade with Tail
19	Pattern Transition	0	0–10 Open Snap 1 11–67 Snap no Transition 68–68 Transition Time 15 sec 69–73 No Transition Snap 2 74–129 Fade over Black Snap 130–130 Fade over Black Trans Time 15 sec 131–135 No Transition Snap 3 136–192 Fade over Full Snap 193–193 Fade over Full Trans Time 15 sec 194–255 NoFeature
20	Pattern Chain Length	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
21	Pattern Chain Position	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
22	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*
23	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
24	Red	255	
25	Green	255	
26	Blue	255	
27	Color Add CW	0	
28	Dimmer	255	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open

Mode 2 W Strobe + RGB Strobe (34ch)

34 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 W Strobe + RGB Strobe (34ch) (continued)

Ch	Function	Default	DMX values
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	0	
7	Pattern Selection	0	
8	Pattern Step Speed	0	0–2 Patter Step 01 3–116 Step 02 - 39 117–119 Pattern Step 40 120–127 NoFeature 128–189 CW Fast 190–190 CW Slow 191–192 Stop 193–254 CCW Slow 255–255 CCW Fast
9	Pattern Crossfade	0	0–5 Open (snap 1) 6–127 Crossfade 128–133 Off (snap 2) 134–255 Crossfade with Tail
10	Pattern Transition	0	0–10 Open Snap 1 11–67 Snap no Transition 68–68 Transition Time 15 sec 69–73 No Transition Snap 2 74–129 Fade over Black Snap 130–130 Fade over Black Trans Time 15 sec 131–135 No Transition Snap 3 136–192 Fade over Full Snap 193–193 Fade over Full Trans Time 15 sec 194–255 NoFeature
11	Pattern Chain Length	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
12	Pattern Chain Position	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures

Mode 2 W Strobe + RGB Strobe (34ch) (continued)

Ch	Function	Default	DMX values
13	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
14	Dimmer Fine	0	Fine byte of Dimmer
15	Strobe Duration	0	0–254 Short 255–255 Long
16	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
17	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
18	C TC	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Pattern Selection	0	
23	Pattern Step Speed	0	0–2 Patter Step 01 3–116 Step 02 - 39 117–119 Pattern Step 40 120–127 NoFeature 128–189 CW Fast 190–190 CW Slow 191–192 Stop 193–254 CCW Slow 255–255 CCW Fast
24	Pattern Crossfade	0	0–5 Open (snap 1) 6–127 Crossfade 128–133 Off (snap 2) 134–255 Crossfade with Tail
25	Pattern Transition	0	0–10 Open Snap 1 11–67 Snap no Transition 68–68 Transition Time 15 sec 69–73 No Transition Snap 2 74–129 Fade over Black Snap 130–130 Fade over Black Trans Time 15 sec 131–135 No Transition Snap 3 136–192 Fade over Full Snap 193–193 Fade over Full Trans Time 15 sec 194–255 NoFeature

Mode 2 W Strobe + RGB Strobe (34ch) (continued)

Ch	Function	Default	DMX values
26	Pattern Chain Length	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
27	Pattern Chain Position	0	0–0 Open 1–254 01 Fixture 255–255 255 Fixtures
28	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*
29	R GBPattern Phase	0	0–254 Pattern Timing 0* 255–255 Pattern Timing 359*
30	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add CW	0	

Mode 5 Multipix (98ch)

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	26	

Mode 5 Multipix (98ch) (continued)

Ch	Function	Default	DMX values
7	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
8	Dimmer Fine	255	Fine byte of Dimmer
9	Strobe Duration	0	0–254 Short 255–255 Long
10	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
11	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
12	C TC	0	
13	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*
14	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
15	Red	255	
16	Green	255	
17	Blue	255	
18	Color Add CW	0	
19	Dimmer	255	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
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	

Mode 5 Multipix (98ch) (continued)

Ch	Function	Default	DMX values
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Red	255	
40	Green	255	
41	Blue	255	

Mode 6 Multipix Advanced (158ch)

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Duration	0	0–254 Short 255–255 Long
4	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
5	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–247 Flash Offset Between Fixture 248–251 Random Pattern 252–255 Random Pixel
6	Control1	26	
7	Dimmer	255	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open

Mode 6 Multipix Advanced (158ch) (continued)

Ch	Function	Default	DMX values
8	Dimmer Fine	255	Fine byte of Dimmer
9	Strobe Duration	0	0–254 Short 255–255 Long
10	Strobe Rate	255	0–4 Closed 5–249 Flash Rate Slow 250–250 Flash Rate fast 255–255 Open
11	Strobe Mode Effect	0	0–14 Open Normal Sync Flashes 15–29 Single Flash 30–44 Pulse 45–59 Pulse Opening 60–74 Pulse Closing 75–89 Pulse Random 90–104 Pulse Opening Random 105–119 Pulse Closing Random 120–134 Double Flash 135–149 Double Ftash Random 150–164 Triple Flash 165–179 Triple Flash Random 180–194 Spikes 195–209 Lightning 210–224 Random Pixel Flash 225–239 Random Fixture Flash 240–255 Offset Between Fixture
12	C TC	0	
13	R GBStrobe Phase	0	0–254 Strobe Timing 0* 255–255 Strobe Timing 359*
14	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
15	Red	255	
16	Green	255	
17	Blue	255	
18	Color Add CW	0	
19	Dimmer	255	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
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	

Mode 6 Multipix Advanced (158ch) (continued)

Ch	Function	Default	DMX values
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Red	255	
40	Green	255	
41	Blue	255	