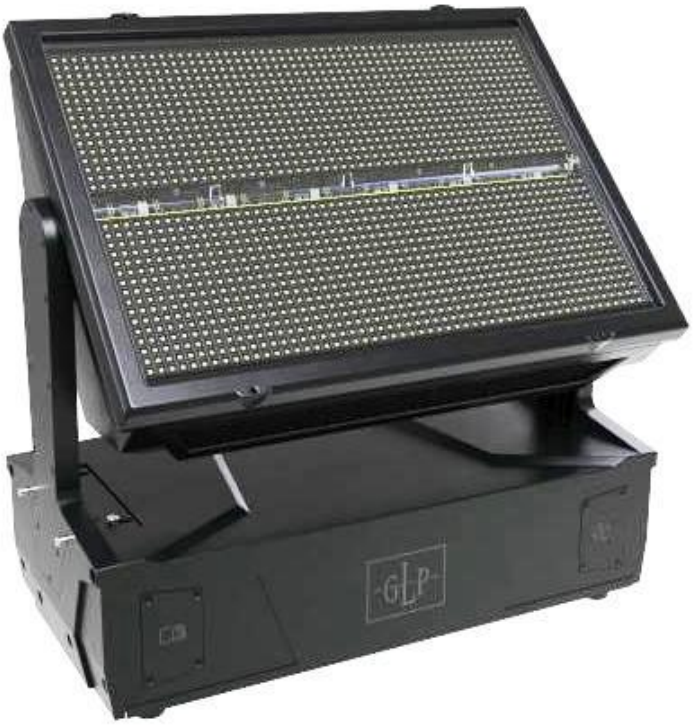
JDC2 IP

DMX Channel Index



Document revision: 20241002-04

Fixture software version : v6.0.1

Document revisions

Revision number	Notes	Released
20241002-04	First public release version Covers software version v6.0.1	October 2024

GLP® JDC2 IP DMX Channel Index

Manufacturer's head office:
German Light Products GmbH (GLP),
Industriestrasse 2, 76307 Karlsbad,
Germany
Tel (Germany): +49 7248 92719 – 0

Service & Support EMEA:
GLP, Industriestrasse 2,
76307 Karlsbad, Germany
Tel. (Germany): +49 7248 9271955
Email: support@glp.de
www.glp.de

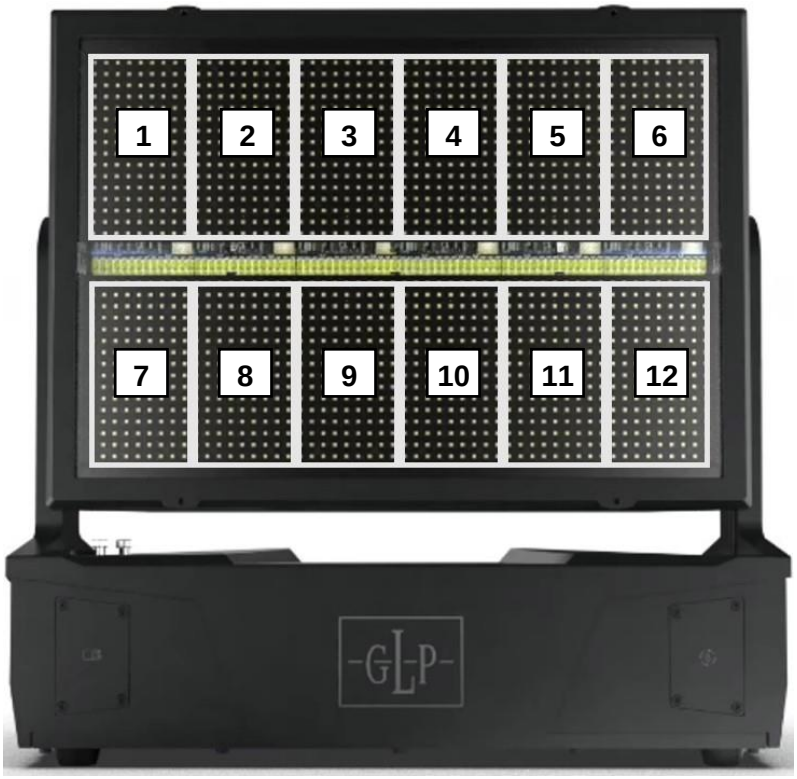
Service & Support USA:
GLP USA, 16170 Stagg Street,
91406 Van Nuys, California
Tel (USA): +1 818 767 8899
Support (US): info@germanlightproducts.com
www.germanlightproducts.com

Table of Contents

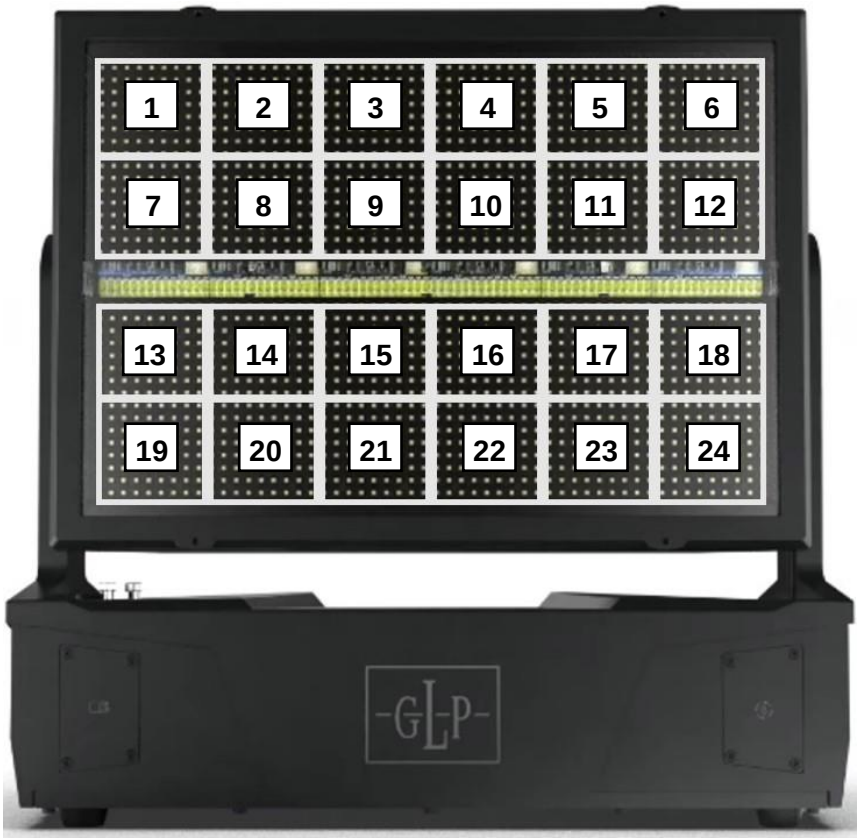
1. Pixel layout

The JDC2 IP pixels are located as shown below, seen from the front of the fixture (connectors and display facing away from you) with tilt at >50% and **Pixel mirror** set to **Off**.

12 segment mode



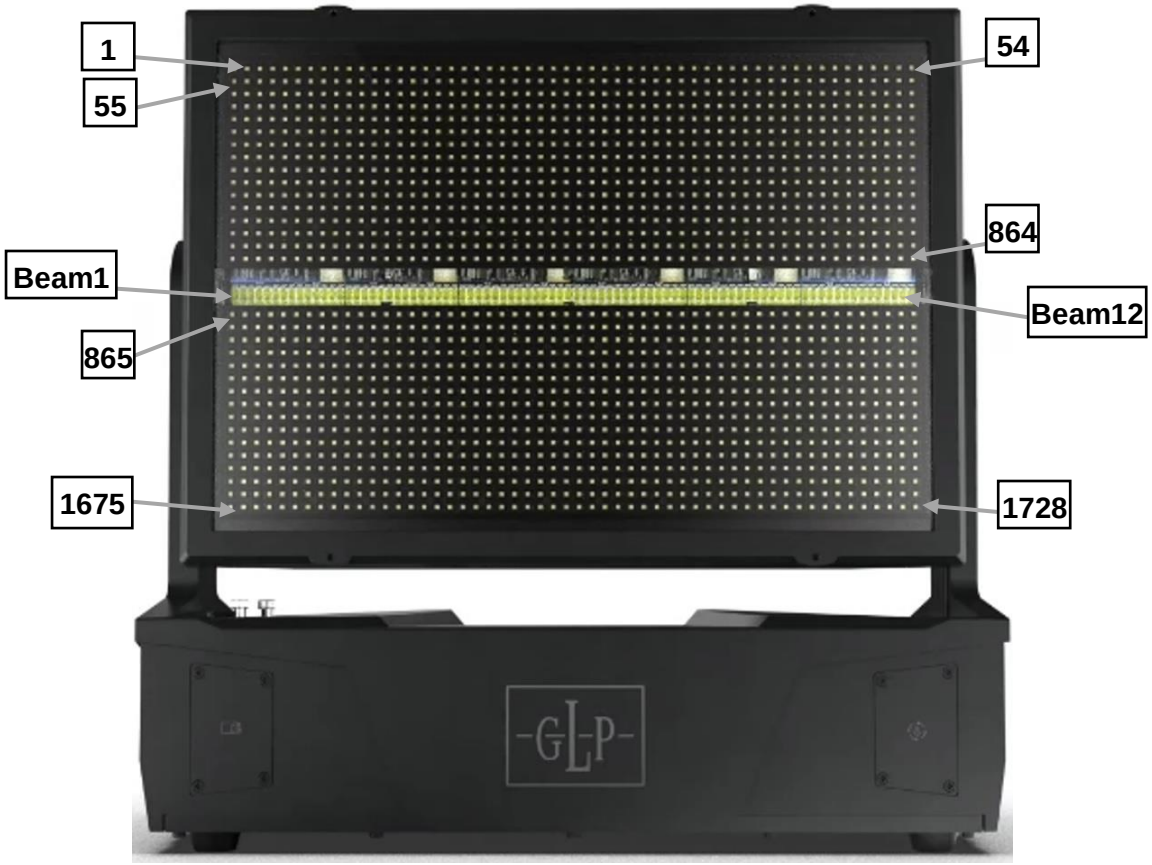
24 Segment mode



Full pixel mode

This feature will be available in a future firmware update

The pixels are arranged in 32 rows of 54 pixels. The top row is pixels 1-54, the next row 55-108 etc. The central beam LEDs are divided into 12 segments.



2. DMX control modes overview

You can choose from five different DMX control modes.

M1 - Dual Strobe (CH24)

a.) White Strobe Main Module (BEAM) with global fixture control
b.) RGB Strobe Main Module (PLATE): Dimmer, Shutter, Duration, Intensity Effect, RGB-Colormix
c.) Sub Module (2nd Layer Fixture): Submaster Dimmer, RGB+W-Colormix

1	**General Fixture Control**
1.1	Main Module Beam (White Strobe basic control) *(All Beam Segments linked as one group)*
1.2	Main Module Plate (RGB Strobe basic control) *(All Plate Segments linked as one group)*
1.3	Sub Module Beam+Plate (White Strobe & RGB Strobe basic control) *(All Beam Segments and all Plate Segments each linked as one group)*

M2 - Segment 1-1 (CH46)

a.) White Strobe Main Module (BEAM) with PatternFX and global fixture control
b.) RGB Strobe Main Module (PLATE): Dimmer, Shutter, Duration, Intensity Effect, RGB-Colormix, DigiFX, NDI
c.) Sub Module Beam (2nd Layer Fixture): Submaster Dimmer Beam
d.) Sub Module Plate (2nd Layer Fixture): Submaster Dimmer Plate with RGB Segment Control

1	**General Fixture Control**
1.1	Main Module Beam (White Strobe control with Pattern FX) *(All Beam Segments linked as one group)*
1.2	Main Module Plate (RGB Strobe control with Pattern FX) *(All Plate Segments linked as one group)*
1.3	Sub Module Beam (White) *(All Beam Segments linked as one group)*
1.4	Sub Module Beam+Plate (RGB) *(All Plate Segments linked as one group)*

M3 - Segment 12-12 (CH91)

a.) White Strobe Main Module (BEAM) with PatternFX and global fixture control
b.) RGB Strobe Main Module (PLATE): Dimmer, Shutter, Duration, Intensity Effect, RGB-Colormix, DigiFX, NDI
c.) Sub Module Beam (2nd Layer Fixture): Submaster Dimmer Beam with 12x Beam Segment Control
d.) Sub Module Plate (2nd Layer Fixture): Submaster Dimmer Plate with 12x Plate Segment Control

1	**General Fixture Control**
1.1	Main Module Beam (White Strobe control with Pattern FX)
	(All Beam Segments linked as one group)
1.2	Main Module Plate (RGB Strobe control with Pattern FX)
	(All Plate Segments linked as one group)
1.3	Sub Module Beam (White)
	(individual Beam Segment Control)
1.3.1	Beam Segment 1
1.3.2	Beam Segment 2
1.3.3	Beam Segment 3
...	
1.3.12	Beam Segment 12
1.4	Sub Module Plate (RGB)
	(individual Plate Segment Control)
1.4.1	Plate Segment 1
1.4.2	Plate Segment 2
1.4.3	Plate Segment 3
...	
1.4.12	Plate Segment 12

M4 - Segment 12-24 (CH127)

a.) White Strobe Main Module (BEAM) with PatternFX and global fixture control
b.) RGB Strobe Main Module (PLATE): Dimmer, Shutter, Duration, Intensity Effect, RGB-Colormix, DigiFX, NDI
c.) Sub Module Beam (2nd Layer Fixture): Submaster Dimmer Beam with 12x Beam Segment Control
d.) Sub Module Plate (2nd Layer Fixture): Submaster Dimmer Plate with 24x Plate Segment Control

1	**General Fixture Control**
1.1	Main Module Beam (White Strobe control with Pattern FX)
	(All Beam Segments linked as one group)
1.2	Main Module Plate (RGB Strobe control with Pattern FX)
	(All Plate Segments linked as one group)
1.3	Sub Module Beam (White)
	(individual Beam Segment Control)
1.3.1	Beam Segment 1
1.3.2	Beam Segment 2
1.3.3	Beam Segment 3
...	
1.3.12	Beam Segment 12
1.4	Sub Module Plate (RGB)
	(individual Plate Segment Control)
1.4.1	Plate Segment 1
1.4.2	Plate Segment 2
1.4.3	Plate Segment 3
...	
1.4.24	Plate Segment 24

M5 - JDC1 Spix Patch (CH68)

This mode allows the patch of a JDC2 IP with the same DMX footprint as a JDC1 in CH68 SPix Mode.
Using the same DMX footprint a JDC1 → JDC2 IP Fixture swap is possible BUT do not expect same feature behavior - the channels are arranged in the same order, but the channel features and DMX values per channel can be different, so that re-programming will be necessary.

NOTE: Do not expect a 100% fixture and feature compatibility !

3. DMX Channel Index

This table lists the function of each channel in each DMX mode. The DMX values within each channel are listed in the next section.

[G]=General fixture control
[B]=Main module Beam (white LEDs)
[P]=Main module Plate (RGB LEDs)
[b]=Sub module Beam (white LEDs – segment control)
[p]=Sub module Plate (RGB LEDs – segment/individual control)

Chan	M1 Dual Strobe 24 channels	M2 Seg. 1-1 46 channels	M3 Seg. 12-12 91 channels	M4 Seg. 12-24 (DEFAULT) 127 channels	M5 JDC1 Spix Patch 68 channels
1	Tilt coarse [G]	Tilt coarse [G]	Tilt coarse [G]	Tilt coarse [G]	Tilt coarse [G]
2	Tilt Fine [G]	Tilt Fine [G]	Tilt Fine [G]	Tilt Fine [G]	Tilt Fine [G]
3	Control [G]	Control [G]	Control [G]	Control [G]	Intensity [B]
4	Mix Prio [G]	Mix Prio [G]	Mix Prio [G]	Mix Prio [G]	Duration [B]
5	Intensity coarse [B]	Intensity coarse [B]	Intensity coarse [B]	Intensity coarse [B]	Rate [B]
6	Intensity fine [B]	Intensity fine [B]	Intensity fine [B]	Intensity fine [B]	IntensityFX [B]
7	Duration [B]	Duration [B]	Duration [B]	Duration [B]	Control [G]
8	Rate [B]	Rate [B]	Rate [B]	Rate [B]	Intensity [P]
9	IntensityFX [B]	IntensityFX [B]	IntensityFX [B]	IntensityFX [B]	Duration [P]
10	Intensity coarse [P]	Pattern Select [B]	Pattern Select [B]	attern Select [B]	Rate [P]
11	Intensity fine [P]	Pattern Step/Speed [B]	Pattern Step/Speed [B]	Pattern Step/Speed [B]	IntensityFX [P]
12	Duration [P]	Pattern Step Crossfade [B]	Pattern Step Crossfade [B]	Pattern StepCrossfade [B]	Red - A+B [P]
13	Rate [P]	Pattern Transition [B]	Pattern Transition [B]	Pattern Transition [B]	Green - A+B [P]
14	IntensityFX [P]	Intensity coarse [P]	Intensity coarse [P]	Intensity coarse [P]	Blue - A+B [P]
15	CTC [P]	Intensity fine [P]	Intensity fine [P]	Intensity fine [P]	Transition DigiFX/NDI [P]
16	Red [P]	Duration [P]	Duration [P]	Duration [P]	Speed DigiFX [P]
17	Green [P]	Rate [P]	Rate [P]	Rate [P]	Select DigiFX/NDI [P]
18	Blue [P]	IntensityFX [P]	IntensityFX [P]	IntensityFX [P]	FX Pattern Speed [B]
19	Intensity Master coarse [p+b]	CTC [P]	CTC [P]	CTC [P]	FX Pattern Select [B]
20	Intensity Master fine [p+b]	Red - A [P]	Red – A [P]	Red – A [P]	Intensity Plate Master [p]
21	White [p+b]	Green - A [P]	Green – A [P]	Green – A [P]	Red Seg. 01
22	Red [p+b]]	Blue - A [P]	Blue – A [P]	Blue – A [P]	Green Seg. 01
23	Green [p+b]	Red - B [P]	Red - B [P]	Red - B [P]	Blue Seg. 01
24	Blue [p+b]	Green - B [P]	Green - B [P]	Green - B [P]	Red Seg. 02
25		Blue - B [Main M1dule Plate]	Blue - B [P]	Blue - B [P]	Green Seg. 02
26		DigiFX Presets [P]	DigiFX Presets [P]	DigiFX Presets [P]	Blue Seg. 02
27		DigiFX/NDI Select [P]	DigiFX/NDI Select [P]	DigiFX/NDI Select [P]	Red Seg. 03
28		DigiFX Speed [P]	DigiFX Speed [P]	DigiFX Speed [P]	Green Seg. 03

Chan	M1 Dual Strobe 24 channels	M2 Seg. 1-1 46 channels	M3 Seg. 12-12 91 channels	M4 Seg. 12-24 (DEFAULT) 127 channels	M5 JDC1 Spix Patch 68 channels
29		Position X coarse [P]	Position X coarse [P]	Position X coarse [P]	Blue Seg. 03
30		Position X fine [P]	Position X fine [P]	Position X fine [P]	Red Seg. 04
31		Position Y coarse [P]	Position Y coarse [P]	Position Y coarse [P]	Green Seg. 04
32		Position Y fine [P]	Position Y fine [P]	Position Y fine [P]	Blue Seg. 04
33		DigiFX/NDI Scale [P]	DigiFX/NDI Scale [P]	DigiFX/NDI Scale [P]	Red Seg. 05
34		DigiFX Rotation [P]	DigiFX Rotation [P]	DigiFX Rotation	Green Seg. 05
35		DigiFX Shape FX1 [P]	DigiFX Shape FX1 [P]	DigiFX Shape FX1 [P]	Blue Seg. 05
36		DigiFX Shape FX2 [P]	DigiFX Shape FX2 [P]	DigiFX Shape FX2 [P]	Red Seg. 06
37		DigiFX Shape FX3 [P]	DigiFX Shape FX3 [P]	DigiFX Shape FX3 [P]	Green Seg. 06
38		DigiFX Shape FX4 [P]	DigiFX Shape FX4 [P]	DigiFX Shape FX4 [P]	Blue Seg. 06
39		DigiFX/NDI Transition [P]	DigiFX/NDI Transition [P]	DigiFX/NDI Transition [P]	Red Seg. 07
40		Intensity Beam Master coarse [b]	Intensity Beam Master coarse [b]	Intensity Beam Master coarse [b]	Green Seg. 07
41		Intensity Beam Master fine [b]	Intensity Beam Master fine [b]	Intensity Beam Master fine [b]	Blue Seg. 07
42		Intensity Plate Master coarse [p]	Intensity Plate Master coarse [p]	Intensity Plate Master coarse [p]	Red Seg. 08
43		Intensity Plate Master fine [p]	Intensity Plate Master fine [p]	Intensity Plate Master fine [p]	Green Seg. 08
44		Red [p]	White Seg. 1 [b]	White Seg. 1 [b]	Blue Seg. 08
45		Green [p]	White Seg. 2 [b]	White Seg. 2 [b]	Red Seg. 09
46		Blue [p]	White Seg. 3 [b]	White Seg. 3 [b]	Green Seg. 09
47			White Seg. 4 [b]	White Seg. 4 [b]	Blue Seg. 09
48			White Seg. 5 [b]	White Seg. 5 [b]	Red Seg. 10
49			White Seg. 6 [b]	White Seg. 6 [b]	Green Seg. 10
50			White Seg. 7 [b]	White Seg. 7 [b]	Blue Seg. 10
51			White Seg. 8 [b]	White Seg. 8 [b]	Red Seg. 11
52			White Seg. 9 [b]	White Seg. 9 [b]	Green Seg. 11
53			White Seg. 10 [b]	White Seg. 10 [b]	Blue Seg. 11
54			White Seg. 11 [b]	White Seg. 11 [b]	Red Seg. 12
55			White Seg. 12 [b]	White Seg. 12 [b]	Green Seg. 12
56			Red Seg. 1 [p]	Red Seg. 1 [p]	Blue Seg. 12
57			Green Seg. 1 [p]	Green Seg. 1 [p]	Intensity Beam Seg. 1
58			Blue Seg. 1 [p]	Blue Seg. 1 [p]	Intensity Beam Seg. 2
59			Red Seg. 2 [p]	Red Seg. 2 [p]	Intensity Beam Seg. 3
60			Green Seg. 2 [p]	Green Seg. 2 [p]	Intensity Beam Seg. 4
61			Blue Seg. 2 [p]	Blue Seg. 2 [p]	Intensity Beam Seg. 5
62			Red Seg. 3 [p]	Red Seg. 3 [p]	Intensity Beam Seg. 6
63			Green Seg. 3 [p]	Green Seg. 3 [p]	Intensity Beam Seg. 7
64			Blue Seg. 3 [p]	Blue Seg. 3 [p]	Intensity Beam Seg. 8

Chan	M1 Dual Strobe 24 channels	M2 Seg. 1-1 46 channels	M3 Seg. 12-12 91 channels	M4 Seg. 12-24 (DEFAULT) 127 channels	M5 JDC1 Spix Patch 68 channels
65			Red Seg. 4 [p]	Red Seg. 4 [p]	Intensity Beam Seg. 9
66			Green Seg. 4 [p]	Green Seg. 4 [p]	Intensity Beam Seg. 10
67			Blue Seg. 4 [p]	Blue Seg. 4 [p]	Intensity Beam Seg. 11
68			Red Seg. 5 [p]	Red Seg. 5 [p]	Intensity Beam Seg. 12
69			Green Seg. 5 [p]	Green Seg. 5 [p]	
70			Blue Seg. 5 [p]	Blue Seg. 5 [p]	
71			Red Seg. 6 [p]	Red Seg. 6 [p]	
72			Green Seg. 6 [p]	Green Seg. 6 [p]	
73			Blue Seg. 6 [p]	Blue Seg. 6 [p]	
74			Red Seg. 7 [p]	Red Seg. 7 [p]	
75			Green Seg. 7 [p]	Green Seg. 7 [p]	
76			Blue Seg. 7 [p]	Blue Seg. 7 (Seg. 13+19) [p]	
77			Red Seg. 8 [p]	Red Seg. 8 [p]	
78			Green Seg. 8 [p]	Green Seg. 8 [p]	
79			Blue Seg. 8 [p]	Blue Seg. 8 [p]	
80			Red Seg. 9 [p]	Red Seg. 9 [p]	
81			Green Seg. 9 [p]	Green Seg. 9 [p]	
82			Blue Seg. 9 [p]	Blue Seg. 9 [p]	
83			Red Seg. 10 [p]	Red Seg. 10 [p]	
84			Green Seg. 10 [p]	Green Seg. 10 [p]	
85			Blue Seg. 10 [p]	Blue Seg. 10 [p]	
86			Red Seg. 11 [p]	Red Seg. 11 [p]	
87			Green Seg. 11 [p]	Green Seg. 11 [p]	
88			Blue Seg. 11 [p]	Blue Seg. 11 [p]	
89			Red Seg. 12 [p]	Red Seg. 12 [p]	
90			Green Seg. 12 [p]	Green Seg. 12 [p]	
91			Blue Seg. 12 [p]	Blue Seg. 12 [p]	
92				Red Seg. 13 [p]	
93				Green Seg. 13 [p]	
94				Blue Seg. 13 [p]	
95				Red Seg. 14 [p]	
96				Green Seg. 14 [p]	
97				Blue Seg. 14 [p]	
98				Red Seg. 15 [p]	
99				Green Seg. 15 [p]	
100				Blue Seg. 15 [p]	
101				Red Seg. 16 [p]	
102				Green Seg. 16 [p]	
103				Blue Seg. 16 [p]	

Chan	M1 Dual Strobe 24 channels	M2 Seg. 1-1 46 channels	M3 Seg. 12-12 91 channels	M4 Seg. 12-24 (DEFAULT) 127 channels	M5 JDC1 Spix Patch 68 channels
104				Red Seg. 17 [p]	
105				Green Seg. 17 [p]	
106				Blue Seg. 17 [p]	
107				Red Seg. 18 [p]	
108				Green Seg. 18 [p]	
109				Blue Seg. 18 [p]	
110				Red Seg. 19 [p]	
111				Green Seg. 19 [p]	
112				Blue Seg. 20 [p]	
113				Red Seg. 20 [p]	
114				Green Seg. 20 [p]	
115				Blue Seg. 20 [p]	
116				Red Seg. 21 [p]	
117				Green Seg. 21 [p]	
118				Blue Seg. 21 [p]	
119				Red Seg. 22 [p]	
120				Green Seg. 22 [p]	
121				Blue Seg. 22 [p]	
122				Red Seg. 23 [p]	
123				Green Seg. 23 [p]	
124				Blue Seg. 23 [p]	
125				Red Seg. 24 [p]	
126				Green Seg. 24 [p]	
127				Blue Seg. 24 [p]	

4. Channel details

The Home/Default value to be sent by the console is normally zero. If the Home/Default value is non-zero, the value is given at the end of the table.

Tilt (16 bits)

Feature	Command	DMX range		Fade
Tilt coarse Tilt fine	Tilt back → front	0	65535	Fade

Home/Default value: 32768

Control/Settings

- Fixture Option Default settings are indicated with **bold type**. Grey type indicates this function will be available in a future firmware update.
- Where commands are marked ***(3s hold)***, you must send that DMX value continuously for 3 seconds (or other duration if indicated in the table) to apply the command.

Feature	DMX range		fade	Note
Idle	0	9	snap	
No function	10	11		
iQ.Service Connect ON	12	13	snap	Will wake up the GLP iQ.Mesh Module for 5 Minutes and enable the connectivity to the GLP iQ.Service App. As long as this value is active it will extend the 5 min period.
No function	14	19		
Dimmer Curve: Soft (Square)	20	21	snap	(3s hold) (DEFAULT)
Dimmer Curve: Linear	22	23	snap	(3s hold)
Dimmer Curve: S-Curve	24	25	snap	(3s hold)
No function	26	29		
Display Mode: OFF	30	31	snap	(3s hold)
Display Mode: Auto	32	33	snap	(3s hold) (DEFAULT)
Display Mode : ON	34	35	snap	(3s hold)
No function	36	37		
Display Orientation: Auto	38	39	snap	(3s hold) (DEFAULT)
Display Orientation: Normal	40	41	snap	(3s hold)
Display Orientation: Flip	42	43	snap	(3s hold)
No function	44	45		
No Signal: Blackout	46	47	snap	(3s hold) (DEFAULT)
No Signal: Hold	48	49	snap	(3s hold)
No Signal: Houselight	50	51	snap	(3s hold)
No Signal: Scene	52	53	snap	(3s hold)
Capture DMX Scene	54	55	snap	(3s hold)
Fan Mode : Minimum	56	57	snap	(3s hold)
Fan Mode: Regulated	58	59	snap	(3s hold) (DEFAULT)
Fan Mode: High	60	61	snap	(3s hold)
Fan Mode : Medium	62	63	snap	(3s hold)
Fan Mode: Low	64	65	snap	(3s hold)
No function	66	69		
Pixel Mirror: Off	70	71	snap	(3s hold) (DEFAULT)
Pixel Mirror: x-mirror	72	73	snap	(3s hold)

Feature	DMX range		fade	Note
Pixel Mirror: y-mirror	74	75	snap	(3s hold)
Pixel Mirror: x;y-mirror	76	77	snap	(3s hold)
No function	78	79		
Duration Control: **Normal (Default)**	80	81	snap	(3s hold) (DEFAULT)
Duration Control: Percentage	82	83	snap	(3s hold)
No function	84	91		
Position Feedback: OFF	92	93	snap	(3s hold)
Position Feedback: ON	94	95	snap	(3s hold) (DEFAULT)
No function	96	97		
Tilt invert OFF	98	99	snap	(3s hold) (DEFAULT)
Tilt invert ON	100	101	snap	(3s hold)
No function	102	103		
Tilt Disable: Off	104	105	snap	(3s hold) (DEFAULT)
Tilt Disable: Current Disabled	106	107	snap	(3s hold)
No function	108	109		
NDI Mirror: Off in preparation	110	111		(3s hold) (DEFAULT)
NDI Mirror: x-mirror in preparation	112	113		(3s hold)
NDI Mirror: y-mirror in preparation	114	115		(3s hold)
NDI Mirror: xy-mirror in preparation	116	117		(3s hold)
No function	118	137		
White Point 8000K in preparation	138	139	snap	(3s Hold)
White Point 6500K in preparation	140	141	snap	(3s Hold) (DEFAULT)
White Point 5600K in preparation	142	143	snap	(3s Hold)
White Point OFF in preparation	144	145	snap	(3s Hold)
No function	146	147		
Brightness Limits : Standard (B100%/P100%) in preparation	148	149		(3s hold) - Default
Brightness Limits: Limited 1 (B100%/P65%) in preparation	150	151		(3s hold) Beam intensity max 100% and Plate Intensity max. 65%
Brightness Limits: Limited 2 (B50%/P35%) in preparation	152	153		(3s hold) Beam intensity max 50% and Plate Intensity max. 35%
No function	154	175		
Set Absolute Fix Position	176	177		(3s hold) → will set the current X/Y DMX values as the capture frame absolute fix position
Set Segmented Fix Position	178	179		(3s hold) → will set the current X/Y DMX values as the capture frame segmented fix position
Set Relative Fix Position	180	181		(3s hold) → will set the current X/Y DMX values as the capture frame relative fix position
No function	182	189		
Hibernation: OFF	190	191	snap	(3s hold) (DEFAULT)
Hibernation: ON	192	193	snap	(3s hold)
No function	194	223		
Experimental DigiFXs: **DISABLED**	224	225		(3s hold) - Default
Experimental DigiFXs: ENABLED	226	227		(3s hold)
No function	228	229		
Save as User Setting Preset 1	230	231	snap	(3s hold)
Save as User Setting Preset 2	232	233	snap	(3s hold)
Save as User Setting Preset 3	234	235	snap	(3s hold)
No function	236	237		
Load User Setting Preset 1	238	239	snap	(3s hold)
Load User Setting Preset 2	240	241	snap	(3s hold)
Load User Setting Preset 3	242	243	snap	(3s hold)
Load Settings Default	244	245	snap	(3s hold)
No function	246	251		
Reset Tilt	252	253	snap	(3s Hold) - To reset again, set to zero first for 3s (to avoid continuous reset).
Reset ALL	254	255	snap	(3s Hold) - To reset again, set to zero first for 3s (to avoid continuous reset).

Mix Priority Beam + Plate

Feature	DMX range		fade	Description
Main Module & Sub Module (HTP)	0	9	snap	the highest color value of main- or subfixture defines the resulting color value of the color.
Main Module Only	10	19	snap	The value of the sub fixture will be ignored. The resulting value is the values of the main value.
Sub Module Only	20	29	snap	The value of the main fixture will be ignored. The resulting value is the values of the sub value.
Main Module + Sub Module additive	30	39	snap	The value of the sub fixture will be added to the value of the main value. The resulting value is the sum of both values.
Main Module - Sub Module subtractive	40	49	snap	The value of the sub fixture will be subtracted from the value of the main value.
Sub Module - Main Module subtractive	50	59	snap	The value of the main fixture will be subtracted from the value of the sub value.
TrueColor 1 : Beam Module over Sub Module Snap	60	69	snap	Output from the Sub fixture Moduls stays in the background. Output from the Main fixture Module has higher priority and will not mix with the Sub color. As soon the output value of the main module is >0 the Sub will black out and the Main vallue will appear.
TrueColor2 : Beam Module over Strobe Module Snap	70	79	snap	Output from the Main fixture Modul stays in the background. Output from the Sub fixture Modules has higher priority and will not mix with the main value. As soon the output value of the sub moduls is >0 the main value will black out and the sub color will appear.
TrueColor3 : Beam over Sub Crossfade	80	89	snap	Output value from the Sub fixture Modules stays in the background and the Output value from the Main fixture Modul has higher priority. If you fade in a Main value, the Sub value will crossfade to the Main value.
TrueColor4 : Sub Module over Beam Module Crossfade	90	99	snap	Output value from the Main fixture Modul stays in the background and the Output value from the Sub fixture Modules has higher priority. If you fade in a Main value, the Sub value will crossfade to the Main value.
Not Used	100	127		Not used = Main & Sub (HTP)
Main Module only	128	130	snap	
Crossfade ...	...	...	fade	smooth fading
Main Module & Sub Module (HTP)	191	192	snap	
Crossfade ...	...	...	fade	smooth fading
Sub Module only	253	255	snap	

Intensity (Dimmer)

(Strobe Module, Plate Module, Sub Module)

Feature	DMX range		Fade
Intensity coarse	0	65535	Fade
Intensity fine			

Home/Default value: 65535

Duration

(Strobe Module, Plate Module)

Feature	DMX range		Fade	Notes
Duration	0	255	fade	0..650ms (this channel will affect the performance of an selected intensity effect)

Rate (Shutter)

(Strobe Module, Plate Module)

Function	DMX range		fade	Notes
Close	0	4	snap	
slow..fast	5	250	fade	same timing as JDCLine (this channel will affect the performance of a selected intensity effect)
Open	251	255	snap	

Home/Default value: 255

Intensity Effects (Shutter Mode)

(Strobe Module, Plate Module)

Function	DMX range		fade	Notes
Off	0	4	snap	
Single Flash	5	9	snap	One Single Flash with each Flash Rate Value Change
Spread FX	10	14	snap	Timing Offset to create amazing flash chaser
Random (All)	15	19	snap	Random Flashes between multiple fixtures with all Pixel Syncron / Set flash intensity, duration, and rate as normal.
Random (Segments)	20	24	snap	Random Flashes of random Pixel/Segment within a fixture and between multiple fixtures. Low Rate = low quantity of pixel / High rate = higher quantity of pixel. Duration will set the flash duration.
Pulse (All)	25	29	snap	Light gradually increases and decreases / all Fixture synchro / Duration will set the ON time / Set intensity and rate as normal
Pulse Random (All)	30	34	snap	Light gradually increases and decreases / randomly between multiple Fixture / Duration will set the ON time / Set intensity and rate as normal

Function	DMX range		fade	Notes
Pulse Random (Segments)	35	39	snap	
Pulse Open (All)	40	44	snap	Light gradually increases in intensity, then blacks out / all Fixture synchro / Duration will set the ON time / Set intensity and rate as normal
Pulse Open Random (All)	45	49	snap	Light gradually increases in intensity, then blacks out / randomly between multiple Fixture / Duration will set the ON time / Set intensity and rate as normal
Pulse Open Random (Segments)	50	54	snap	
Pulse Close (All)	55	59	snap	Light flashes to full intensity, then gradually fades / all Fixture synchro / Duration will set the ON time / Set intensity and rate as normal
Pulse Close Random (All)	60	64	snap	Light flashes to full intensity, then gradually fades / randomly between multiple Fixture / Duration will set the ON time / Set intensity and rate as normal
Pulse Close Random (Segments)	65	69	snap	
Double-Flash (All)	70	74	snap	Quick Double-Flash / all Fixture synchro / Duration will set the length of the flashes but there will always be a blackout in between the flashes / Set intensity and rate as normal
Double-Flash Random (All)	75	79	snap	Quick Double-Flash / randomly between multiple Fixture / Duration will set the length of the flashes but there will always be a blackout in between the flashes / Set intensity and rate as normal
Triple-Flash (All)	80	84	snap	Quick Triple-Flash / all Fixture synchro / Duration will set the length of the flashes but there will always be a blackout in between the flashes / Set intensity and rate as normal
Triple-Flash Random (All)	85	89	snap	Quick Triple-Flash / randomly between multiple Fixture / Duration will set the length of the flashes but there will always be a blackout in between the flashes / Set intensity and rate as normal
Lightning	90	94	snap	The flashes simulate lightning. Duration is not adjustable / Set intensity and rate as normal
Paparazzi	95	99	snap	Flashes like Paparazzi photographs
Spikes (All) (Light over Lowlight)	100	104	snap	The LEDs remains dimly illuminated between flashes. Rate will set the flash period and duration the flash length. All LED-Segments will act as one group.
Spikes (Segments) (Light Segments over Lowlight)	105	109	snap	The lamp remains dimly illuminated between flashes. Rate will set the flash period and duration the flash length. All LED-Segments will act individually.
Chaser Flash LR*	110	114	snap	Sync Chaser Flash Left to Right
Chaser Flash LR Random*	115	119	snap	random Chaser Flash Left to Right
Chaser Flash RL*	120	124	snap	Sync Chaser Flash Right to Left
Chaser Flash RL Random*	125	129	snap	Random Chaser Flash Right to Left
Bounce Flash LR*	130	134	snap	Sync Bounce, starting left
Bounce Flash LR Random*	135	139	snap	Random Bounce, starting left
Bounce Flash RL*	140	144	snap	Sync Bounce, starting right
Bounce Flash RL Random*	145	149	snap	Random Bounce, starting right

Function	DMX range		fade	Notes
Bounce center to out *	150	154	snap	
Bounce center to out random*	155	159	snap	
Center to Out Flash*	160	164	snap	Sync Flash from Center to outside
Center to Out Flash Random*	165	169	snap	Random Flash from Center to outside
Out to Center Flash*	170	174	snap	Sync Flash from Outside to center
Out to Center Flash Random*	175	179	snap	Random Flash from Outside to center
Bounce Out to Center Flash*	180	184	snap	
Bounce Out to Center Flash Random*	185	189	snap	
not used	190	255	snap	

* = Only Strobe Line

RGBW and W channels

(Strobe Module, Plate Module)

Function	DMX range		fade
Red (Plate)	0	255	fade
Green (Plate)	0	255	fade
Blue (Plate)	0	255	fade
White (Beam)	0	255	fade

CTC

(Plate Module)

Function	DMX range		fade
Open (no change)	0	9	snap
CTC 10000K	10	10	snap
CTC 9999K .. 2501K variable	11	254	fade
CTC 2500K	255	255	snap

Pattern Select

(Strobe Module)

Function	Pattern Editor	DMX range		snap	Notes
Idle	1	0	9	snap	All Pixel
Static Pattern 01	2	10	11	snap	
Static Pattern 02	3	12	13	snap	
Static Pattern 03	4	14	15	snap	
Static Pattern 04	5	16	17	snap	
Static Pattern 05	6	18	19	snap	
Static Pattern 06	7	20	21	snap	
Static Pattern 07	8	22	23	snap	
Static Pattern 08	9	24	25	snap	
Static Pattern 09	10	26	27	snap	
Static Pattern 10	11	28	29	snap	
Static Pattern 11	12	30	31	snap	
Static Pattern 12	13	32	33	snap	
Static Pattern 13	14	34	35	snap	
Static Pattern 14	15	36	37	snap	
Static Pattern 15	16	38	39	snap	
Static Pattern 16	17	40	41	snap	
Static Pattern 17	18	42	43	snap	
Static Pattern 18	19	44	45	snap	
Static Pattern 19	20	46	47	snap	
Static Pattern 20	21	48	49	snap	
Static Pattern 21	22	50	51	snap	
Static Pattern 22	23	52	53	snap	
Static Pattern 23	24	54	55	snap	
Static Pattern 24	25	56	57	snap	
Static Pattern 25	26	58	59	snap	
Static Pattern 26	27	60	61	snap	
Static Pattern 27	28	62	63	snap	
Static Pattern 28	29	64	65	snap	
Static Pattern 29	30	66	67	snap	
Static Pattern 30	31	68	69	snap	
Static Pattern 31	32	70	71	snap	
Static Pattern 32	33	72	73	snap	
Static Pattern 33	34	74	75	snap	
Static Pattern 34	35	76	77	snap	
Static Pattern 35	36	78	79	snap	
Static Pattern 36	37	80	81	snap	
Static Pattern 37	38	82	83	snap	

Function	Pattern Editor	DMX range		snap	Notes
Static Pattern 38	39	84	85	snap	
Static Pattern 39	40	86	87	snap	
Static Pattern 40	41	88	89	snap	
Static Pattern 41	42	90	91	snap	
Static Pattern 42	43	92	93	snap	
Static Pattern 43	44	94	95	snap	
Static Pattern 44	45	96	97	snap	
Static Pattern 45	46	98	99	snap	
Static Pattern 46	47	100	101	snap	
Static Pattern 47	48	102	103	snap	
Static Pattern 48	49	104	105	snap	
Static Pattern 49	50	106	107	snap	
Static Pattern 50	51	108	109	snap	
Static Pattern 51	52	110	111	snap	
Static Pattern 52	53	112	113	snap	
Static Pattern 53	54	114	115	snap	
Static Pattern 54	55	116	117	snap	
Static Pattern 55	56	118	119	snap	
Static Pattern 56	57	120	121	snap	
Static Pattern 57	58	122	123	snap	
Static Pattern 58	59	124	125	snap	
Static Pattern 59	60	126	127	snap	
Dynamic Pattern 01	61	128	129	snap	
Dynamic Pattern 02	62	130	131	snap	
Dynamic Pattern 03	63	132	133	snap	
Dynamic Pattern 04	64	134	135	snap	
Dynamic Pattern 05	65	136	137	snap	
Dynamic Pattern 06	66	138	139	snap	
Dynamic Pattern 07	67	140	141	snap	
Dynamic Pattern 08	68	142	143	snap	
Dynamic Pattern 09	69	144	145	snap	
Dynamic Pattern 10	70	146	147	snap	
Dynamic Pattern 11	71	148	149	snap	
Dynamic Pattern 12	72	150	151	snap	
Dynamic Pattern 13	73	152	153	snap	
Dynamic Pattern 14	74	154	155	snap	
Dynamic Pattern 15	75	156	157	snap	
Dynamic Pattern 16	76	158	159	snap	
Dynamic Pattern 17	77	160	161	snap	
Dynamic Pattern 18	78	162	163	snap	
Dynamic Pattern 19	79	164	165	snap	
Dynamic Pattern 20	80	166	167	snap	
Dynamic Pattern 21	81	168	169	snap	
Dynamic Pattern 22	82	170	171	snap	
Dynamic Pattern 23	83	172	173	snap	
Dynamic Pattern 24	84	174	175	snap	
Dynamic Pattern 25	85	176	177	snap	
Dynamic Pattern 26	86	178	179	snap	
Dynamic Pattern 27	87	180	181	snap	
Dynamic Pattern 28	88	182	183	snap	
Dynamic Pattern 29	89	184	185	snap	
Dynamic Pattern 30	90	186	187	snap	
Dynamic Pattern 31	91	188	189	snap	
Dynamic Pattern 32	92	190	191	snap	
Dynamic Pattern 33	93	192	193	snap	
Dynamic Pattern 34	94	194	195	snap	

Function	Pattern Editor	DMX range		snap	Notes
Dynamic Pattern 35	95	196	197	snap	
Dynamic Pattern 36	96	198	199	snap	
Dynamic Pattern 37	97	200	201	snap	
Dynamic Pattern 38	98	202	203	snap	
Dynamic Pattern 39	99	204	205	snap	
Dynamic Pattern 40	100	206	207	snap	
Dynamic Pattern 41	101	208	209	snap	
Dynamic Pattern 42	102	210	211	snap	
Dynamic Pattern 43	103	212	213	snap	
Dynamic Pattern 44	104	214	215	snap	
Dynamic Pattern 45	105	216	217	snap	
Dynamic Pattern 46	106	218	219	snap	
Dynamic Pattern 47	107	220	221	snap	
Dynamic Pattern 48	108	222	223	snap	
Dynamic Pattern 49	109	224	225	snap	
Dynamic Pattern 50	110	226	227	snap	
not used		228	249	snap	
Random Pixel		250	255	snap	Random Pixel Pattern

Pattern Step / Speed

(Strobe Module)

Function	DMX range		fade
Stop (First Pattern Step)	0	2	snap
CW fast - slow (run Pattern Step 1..n)	3	63	fade
Stop at current position	64	66	snap
CCW slow - fast (run Pattern Step n..1)	67	127	fade
Pattern Step 01	128	129	snap
Pattern Step 02	130	131	snap
Pattern Step 03	132	133	snap
Pattern Step 04	134	135	snap
Pattern Step 05	136	137	snap
Pattern Step 06	138	139	snap
Pattern Step 07	140	141	snap
Pattern Step 08	142	143	snap
Pattern Step 09	144	145	snap
Pattern Step 10	146	147	snap
Pattern Step 11	148	149	snap
Pattern Step 12	150	151	snap
Pattern Step 13	152	153	snap
Pattern Step 14	154	155	snap
Pattern Step 15	156	157	snap
Pattern Step 16	158	159	snap
Pattern Step 17	160	161	snap
Pattern Step 18	162	163	snap
Pattern Step 19	164	165	snap
Pattern Step 20	166	167	snap
Pattern Step 21	168	169	snap
Pattern Step 22	170	171	snap
Pattern Step 23	172	173	snap

Function	**DMX range**		**fade**
Pattern Step 24	174	175	snap
Pattern Step 25	176	177	snap
Pattern Step 26	178	179	snap
Pattern Step 27	180	181	snap
Pattern Step 28	182	183	snap
Pattern Step 29	184	185	snap
Pattern Step 30	186	187	snap
Pattern Step 31	188	189	snap
Pattern Step 32	190	191	snap
Pattern Step 33	192	193	snap
Pattern Step 34	194	195	snap
Pattern Step 35	196	197	snap
Pattern Step 36	198	199	snap
Pattern Step 37	200	201	snap
Pattern Step 38	202	203	snap
Pattern Step 39	204	205	snap
Pattern Step 40	206	207	snap
Pattern Step 41	208	209	snap
Pattern Step 42	210	211	snap
Pattern Step 43	212	213	snap
Pattern Step 44	214	215	snap
Pattern Step 45	216	217	snap
Pattern Step 46	218	219	snap
Pattern Step 47	220	221	snap
Pattern Step 48	222	223	snap
Pattern Step 49	224	225	snap
Pattern Step 50	226	227	snap
Pattern Step 51	228	229	snap
Pattern Step 52	230	231	snap
Pattern Step 53	232	233	snap
Pattern Step 54	234	235	snap
Pattern Step 55	236	237	snap
Pattern Step 56	238	239	snap
Pattern Step 57	240	241	snap
Pattern Step 58	242	243	snap
Pattern Step 59	244	245	snap
Pattern Step 60	246	247	snap
Pattern Step 61	248	249	snap
Pattern Step 62	250	251	snap
Pattern Step 63	252	253	snap
Pattern Step 64	254	255	snap

Pattern Step Crossfade

(Strobe Module)

Sets the fade time between pattern steps

Function	**DMX range**		**Slot Style**
Off (no Crossfade = Snap)	0	9	snap
XFade = Snap .. min. XFade .. max. XFade (Fade in and fade out time is identical)	10	127	fade
Off (no Crossfade = Snap)	128	137	snap
XFade with Tail = Snap .. min. XFade with Tail .. max. XFade with Tail (Fade-In time is shorter than Fade out time - this creates a shadow effect)	138	255	fade

Pattern Transition

(Strobe Module, Plate Module)

Sets a fade when a different pattern is selected

Function	**DMX range**		**fade**	**Notes**
Transition Off (Snap between different Patterns)	0	9	snap	Pattern A to Pattern B will snap
Normal Transition (snap .. fade 5s)	10	63	fade	Pattern A to Pattern B will crossfade 0-5s
Off (Snap between different Patterns)	64	73	snap	Pattern A to Pattern B will snap
FOB Transition / Fade over Blackout (snap .. fade 5s)	74	127	fade	Pattern A to Pattern B will crossfade over Blackout 0-5s
Off (Snap between different Patterns)	128	137	snap	Pattern A to Pattern B will snap
FOF Transition / Fade over Full (snap .. fade 5s)	138	191	fade	Pattern A to Pattern B will crossfade over Full 0-5s
Off - reserved for additional feature	192	201		
No Transition Time - reserved for additional feature	202	255		

RGB Color A – Plate/DigiFX/NDI

(Plate Module)

RGB Color Control A	DMX range		Fade	Notes
If no DigiFX/NDI is selected:				
Red	0	255	fade	Intensity of Red of the Plate (all segments)
Green	0	255	fade	Intensity of Green of the Plate (all segments)
Blue	0	255	fade	Intensity of Blue of the Plate (all segments)
If DigiFX is selected:				
Red	0	255	fade	Intensity of Red of the DigiFX Color A
Green	0	255	fade	Intensity of Green of the DigiFX Color A
Blue	0	255	fade	Intensity of Blue of the DigiFX Color A
If NDI Stream is Selected:				
Red	0	255	fade	Intensity of Red of the Stream
Green	0	255	fade	Intensity of Green of the Stream
Blue	0	255	fade	Intensity of Blue of the Stream

RGB Color B –DigiFX/NDI

(Plate Module)

RGB Color Control B	DMX range		Fade	Notes
If no DigiFX/NDI is selected:				
Red – no function	-	-	-	No function
Green – no function	-	-	-	No function
Blue – no function	-	-	-	No function
If DigiFX is selected:				
Red	0	255	fade	Intensity of Red of the second color
Green	0	255	fade	Intensity of Green of the second color
Blue	0	255	fade	Intensity of Blue of the second color
If NDI Stream is Selected:				
Red – no function	-	-	-	No function
Green – no function	-	-	-	No function
Blue – no function	-	-	-	No function

DigiFX Presets

This feature will be available in a future firmware update

(Plate Module)

A DigiFX Preset should save:

- Selected Pattern
- Selected RGB Color A
- Selected RGB Color B

Speed should still be able to be controlld by the speed channel.

Function	DMX range		fade	Notes
Off	0	9	snap	Manual DigiFX control
DigiFX Preset 01	10	10	snap	
DigiFX Preset 02	11	11	snap	
DigiFX Preset 03	12	12	snap	
DigiFX Preset 04	13	13	snap	
DigiFX Preset 05	14	14	snap	
DigiFX Preset 06	15	15	snap	
DigiFX Preset 07	16	16	snap	
DigiFX Preset 08	17	17	snap	
DigiFX Preset 09	18	18	snap	
DigiFX Preset 10	19	19	snap	
DigiFX Preset 11	20	20	snap	
DigiFX Preset 12	21	21	snap	
DigiFX Preset 13	22	22	snap	
DigiFX Preset 14	23	23	snap	
DigiFX Preset 15	24	24	snap	
DigiFX Preset 16	25	25	snap	
DigiFX Preset 17	26	26	snap	
DigiFX Preset 18	27	27	snap	
DigiFX Preset 19	28	28	snap	
DigiFX Preset 20	29	29	snap	
DigiFX Preset 21	30	30	snap	
DigiFX Preset 22	31	31	snap	
DigiFX Preset 23	32	32	snap	
DigiFX Preset 24	33	33	snap	
DigiFX Preset 25	34	34	snap	
DigiFX Preset 26	35	35	snap	
DigiFX Preset 27	36	36	snap	
DigiFX Preset 28	37	37	snap	
DigiFX Preset 29	38	38	snap	
DigiFX Preset 30	39	39	snap	
DigiFX Preset 31	40	40	snap	
DigiFX Preset 32	41	41	snap	
DigiFX Preset 33	42	42	snap	
DigiFX Preset 34	43	43	snap	
DigiFX Preset 35	44	44	snap	
DigiFX Preset 36	45	45	snap	
DigiFX Preset 37	46	46	snap	
DigiFX Preset 38	47	47	snap	

Function	DMX range		fade	Notes
DigiFX Preset 39	48	48	snap	
DigiFX Preset 40	49	49	snap	
DigiFX Preset 41	50	50	snap	
DigiFX Preset 42	51	51	snap	
DigiFX Preset 43	52	52	snap	
DigiFX Preset 44	53	53	snap	
DigiFX Preset 45	54	54	snap	
DigiFX Preset 46	55	55	snap	
DigiFX Preset 47	56	56	snap	
DigiFX Preset 48	57	57	snap	
DigiFX Preset 49	58	58	snap	
DigiFX Preset 50	59	59		
DigiFX Preset 51	60	60		
DigiFX Preset 52	61	61		
DigiFX Preset 53	62	62		
DigiFX Preset 54	63	63		
DigiFX Preset 55	64	64		
DigiFX Preset 56	65	65		
DigiFX Preset 57	66	66		
DigiFX Preset 58	67	67		
DigiFX Preset 59	68	68		
DigiFX Preset 60	69	69		
DigiFX Preset 61	70	70		
DigiFX Preset 62	71	71		
DigiFX Preset 63	72	72		
DigiFX Preset 64	73	73		
DigiFX Preset 65	74	74		
DigiFX Preset 66	75	75		
DigiFX Preset 67	76	76		
DigiFX Preset 68	77	77		
DigiFX Preset 69	78	78		
DigiFX Preset 70	79	79		
DigiFX Preset 71	80	80		
DigiFX Preset 72	81	81		
DigiFX Preset 73	82	82		
DigiFX Preset 74	83	83		
DigiFX Preset 75	84	84		
DigiFX Preset 76	85	85		
DigiFX Preset 77	86	86		
DigiFX Preset 78	87	87		
DigiFX Preset 79	88	88		
DigiFX Preset 80	89	89		
DigiFX Preset 81	90	90		
DigiFX Preset 82	91	91		
DigiFX Preset 83	92	92		
DigiFX Preset 84	93	93		
DigiFX Preset 85	94	94		
DigiFX Preset 86	95	95		
DigiFX Preset 87	96	96		
DigiFX Preset 88	97	97		
DigiFX Preset 89	98	98		
DigiFX Preset 90	99	99		
DigiFX Preset 91	100	100		
DigiFX Preset 92	101	101		
DigiFX Preset 93	102	102		
DigiFX Preset 94	103	103		

Function	DMX range		fade	Notes
DigiFX Preset 95	104	104		
DigiFX Preset 96	105	105		
DigiFX Preset 97	106	106		
DigiFX Preset 98	107	107		
DigiFX Preset 99	108	108		
DigiFX Preset 100	109	109		
DigiFX Preset 101	110	110		
DigiFX Preset 102	111	111		
DigiFX Preset 103	112	112		
DigiFX Preset 104	113	113		
DigiFX Preset 105	114	114		
DigiFX Preset 106	115	115		
DigiFX Preset 107	116	116		
DigiFX Preset 108	117	117		
DigiFX Preset 109	118	118		
DigiFX Preset 110	119	119		
DigiFX Preset 111	120	120		
DigiFX Preset 112	121	121		
DigiFX Preset 113	122	122		
DigiFX Preset 114	123	123		
DigiFX Preset 115	124	124		
DigiFX Preset 116	125	125		
DigiFX Preset 117	126	126		
DigiFX Preset 118	127	127		
DigiFX Preset 119	128	128		
DigiFX Preset 120	129	129		
DigiFX Preset 121	130	130		
DigiFX Preset 122	131	131		
DigiFX Preset 123	132	132		
DigiFX Preset 124	133	133		
DigiFX Preset 125	134	134		
DigiFX Preset 126	135	135		
DigiFX Preset 127	136	136		
DigiFX Preset 128	137	137		
DigiFX Preset 129	138	138		
DigiFX Preset 130	139	139		
DigiFX Preset 131	140	140		
DigiFX Preset 132	141	141		
DigiFX Preset 133	142	142		
DigiFX Preset 134	143	143		
DigiFX Preset 135	144	144		
DigiFX Preset 136	145	145		
DigiFX Preset 137	146	146		
DigiFX Preset 138	147	147		
DigiFX Preset 139	148	148		
DigiFX Preset 140	149	149		
DigiFX Preset 141	150	150		
DigiFX Preset 142	151	151		
DigiFX Preset 143	152	152		
DigiFX Preset 144	153	153		
DigiFX Preset 145	154	154		
DigiFX Preset 146	155	155		
DigiFX Preset 147	156	156		
DigiFX Preset 148	157	157		
DigiFX Preset 149	158	158		
DigiFX Preset 150	159	159		

Function	DMX range		fade	Notes
DigiFX Preset 151	160	160		
DigiFX Preset 152	161	161		
DigiFX Preset 153	162	162		
DigiFX Preset 154	163	163		
DigiFX Preset 155	164	164		
DigiFX Preset 156	165	165		
DigiFX Preset 157	166	166		
DigiFX Preset 158	167	167		
DigiFX Preset 159	168	168		
DigiFX Preset 160	169	169		
DigiFX Preset 161	170	170		
DigiFX Preset 162	171	171		
DigiFX Preset 163	172	172		
DigiFX Preset 164	173	173		
DigiFX Preset 165	174	174		
DigiFX Preset 166	175	175		
DigiFX Preset 167	176	176		
DigiFX Preset 168	177	177		
DigiFX Preset 169	178	178		
DigiFX Preset 170	179	179		
DigiFX Preset 171	180	180		
DigiFX Preset 172	181	181		
DigiFX Preset 173	182	182		
DigiFX Preset 174	183	183		
DigiFX Preset 175	184	184		
DigiFX Preset 176	185	185		
DigiFX Preset 177	186	186		
DigiFX Preset 178	187	187		
DigiFX Preset 179	188	188		
DigiFX Preset 180	189	189		
DigiFX Preset 181	190	190		
DigiFX Preset 182	191	191		
DigiFX Preset 183	192	192		
DigiFX Preset 184	193	193		
DigiFX Preset 185	194	194		
DigiFX Preset 186	195	195		
DigiFX Preset 187	196	196		
DigiFX Preset 188	197	197		
DigiFX Preset 189	198	198		
DigiFX Preset 190	199	199		
DigiFX Preset 191	200	200		
DigiFX Preset 192	201	201		
DigiFX Preset 193	202	202		
DigiFX Preset 194	203	203		
DigiFX Preset 195	204	204		
DigiFX Preset 196	205	205		
DigiFX Preset 197	206	206		
DigiFX Preset 198	207	207		
DigiFX Preset 199	208	208		
DigiFX Preset 200	209	209		
DigiFX Preset 201	210	210		
DigiFX Preset 202	211	211		
DigiFX Preset 203	212	212		
DigiFX Preset 204	213	213		
DigiFX Preset 205	214	214		
DigiFX Preset 206	215	215		

Function	DMX range		fade	Notes
DigiFX Preset 207	216	216		
DigiFX Preset 208	217	217		
DigiFX Preset 209	218	218		
DigiFX Preset 210	219	219		
DigiFX Preset 211	220	220		
DigiFX Preset 212	221	221		
DigiFX Preset 213	222	222		
DigiFX Preset 214	223	223		
DigiFX Preset 215	224	224		
DigiFX Preset 216	225	225		
DigiFX Preset 217	226	226		
DigiFX Preset 218	227	227		
DigiFX Preset 219	228	228		
DigiFX Preset 220	229	229		
DigiFX Preset 221	230	230		
DigiFX Preset 222	231	231		
DigiFX Preset 223	232	232		
DigiFX Preset 224	233	233		
DigiFX Preset 225	234	234		
DigiFX Preset 226	235	235		
DigiFX Preset 227	236	236		
DigiFX Preset 228	237	237		
DigiFX Preset 229	238	238		
DigiFX Preset 230	239	239		
DigiFX Preset 231	240	240		
DigiFX Preset 232	241	241		
DigiFX Preset 233	242	242		
DigiFX Preset 234	243	243		
DigiFX Preset 235	244	244		
DigiFX Preset 236	245	245		
DigiFX Preset 237	246	246		
DigiFX Preset 238	247	247		
DigiFX Preset 239	248	248		
DigiFX Preset 240	249	249		
DigiFX Preset 241	250	250		
DigiFX Preset 242	251	251		
DigiFX Preset 243	252	252		
DigiFX Preset 244	253	253		
DigiFX Preset 245	254	254		
DigiFX Preset 246	255	255		

DigiFX Select / NDI Select

Some parts of this feature will be available in a future firmware update

(Plate Module)

Function	DMX range		fade	Notes
Idle	0	9	snap	All Pixel
DigiFX 01	10	11	snap	

Function	DMX range		fade	Notes
DigiFX 02	12	13	snap	
DigiFX 03	14	15	snap	
DigiFX 04	16	17	snap	
DigiFX 05	18	19	snap	
DigiFX 06	20	21	snap	
DigiFX 07	22	23	snap	
DigiFX 08	24	25	snap	
DigiFX 09	26	27	snap	
DigiFX 10	28	29	snap	
DigiFX 11	30	31	snap	
DigiFX 12	32	33	snap	
DigiFX 13	34	35	snap	
DigiFX 14	36	37	snap	
DigiFX 15	38	39	snap	
DigiFX 16	40	41	snap	
DigiFX 17	42	43	snap	
DigiFX 18	44	45	snap	
DigiFX 19	46	47	snap	
DigiFX 20	48	49	snap	
DigiFX 21	50	51	snap	
DigiFX 22	52	53	snap	
DigiFX 23	54	55	snap	
DigiFX 24	56	57	snap	
DigiFX 25	58	59	snap	
DigiFX 26	60	61	snap	
DigiFX 27	62	63	snap	
DigiFX 28	64	65	snap	
DigiFX 29	66	67	snap	
DigiFX 30	68	69	snap	
DigiFX 31	70	71	snap	
DigiFX 32	72	73	snap	
DigiFX 33	74	75	snap	
DigiFX 34	76	77	snap	
DigiFX 35	78	79	snap	
DigiFX 36	80	81	snap	
DigiFX 37	82	83	snap	
DigiFX 38	84	85	snap	
DigiFX 39	86	87	snap	
DigiFX 40	88	89	snap	
DigiFX 41	90	91	snap	
DigiFX 42	92	93	snap	
DigiFX 43	94	95	snap	
DigiFX 44	96	97	snap	
DigiFX 45	98	99	snap	
DigiFX 46	100	101	snap	
DigiFX 47	102	103	snap	
DigiFX 48	104	105	snap	
DigiFX 49	106	107	snap	
DigiFX 50	108	109	snap	
DigiFX 51	110	111	snap	
DigiFX 52	112	113	snap	
DigiFX 53	114	115	snap	
DigiFX 54	116	117	snap	
DigiFX 55	118	119	snap	
DigiFX 56	120	121	snap	
DigiFX 57	122	123	snap	
DigiFX 58	124	125	snap	
DigiFX 59	126	127	snap	

Function	DMX range		fade	Notes
DigiFX 60	128	129	snap	
DigiFX 61	130	131	snap	
DigiFX 62	132	133	snap	
DigiFX 63	134	135	snap	
DigiFX 64	136	137	snap	
DigiFX 65	138	139	snap	
DigiFX 66	140	141	snap	
DigiFX 67	142	143	snap	
DigiFX 68	144	145	snap	
DigiFX 69	146	147	snap	
DigiFX 70	148	149	snap	
DigiFX 71	150	151	snap	
DigiFX 72	152	153	snap	
DigiFX 73	154	155	snap	
DigiFX 74	156	157	snap	
DigiFX 75	158	159	snap	
DigiFX 76	160	161	snap	
DigiFX 77	162	163	snap	
DigiFX 78	164	165	snap	
DigiFX 79	166	167	snap	
DigiFX 80	168	169	snap	
not used	169	171		
*Capture Frame Orientation Patterns: *Not yet available*				
Open	172	174	snap	
Orientation Pattern 01	175	177	snap	
not used (Reserved for Orientation Pattern 02)	178	180	snap	
not used (Reserved for Orientation Pattern 03)	181	183	snap	
NDI Streams with fix absolute position:				
NDI (FVP) Stream 4 (Fix Absolute Position)	184	186	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using the internal saved absolute capture frame position.
NDI (FVP) Stream 3 (Fix Absolute Position)	187	189	snap	[GLP-JDC2-3] currently reserved for FVP Protocol only.
NDI (FVP) Stream 2 (Fix Absolute Position)	190	192	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using the internal saved absolute capture frame position.
NDI (FVP) Stream 1 (Fix Absolute Position)	193	195	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using the internal saved absolute capture frame position.
*NDI Streams with fix segmented position: *Not yet available*				
NDI (FVP) Stream 4 (Fix Segmented Position)	196	198	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using the internal saved segmented capture frame position.
NDI (FVP) Stream 3 (Fix Segmented Position)	199	201	snap	NDI Stream 3 [NDI Label: GLP-JDC2-3] using the internal saved segmented capture frame position.
NDI (FVP) Stream 2 (Fix Segmented Position)	202	204	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using the internal saved segmented capture frame position.

Function	DMX range		fade	Notes
NDI (FVP) Stream 1 (Fix Segmented Position)	205	207	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using the internal saved segmented capture frame position.
NDI Streams with fix relative position:				
NDI (FVP) Stream 4 (Fix Relative Position)	208	210	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using the internal saved relative capture frame position.
NDI (FVP) Stream 3 (Fix Relative Position)	211	213	snap	NDI Stream 3 [NDI Label: GLP-JDC2-3] using the internal saved relative capture frame position.
NDI (FVP) Stream 2 (Fix Relative Position)	214	216	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using the internal saved relative capture frame position.
NDI (FVP) Stream 1 (Fix Relative Position)	217	219	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using the internal saved relative capture frame position.
NDI Streams with flex absolute position:				
NDI (FV) Stream 4 (Flex Absolut Position)	220	222	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using DMX values for absolute capture frame position.
NDI (FV) Stream 3 (Flex Absolut Position)	223	225	snap	[GLP-JDC2-3] currently reserved for FVP Protocol only.
NDI (FV) Stream 2 (Flex Absolut Position)	226	228	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using DMX values for absolute capture frame position.
NDI (FV) Stream 1 (Flex Absolut Position)	229	231	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using DMX values for absolute capture frame position.
NDI Streams with flex segmented position:				
NDI (FVP) Stream 4 (Flex Segmented Position)	232	234	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using DMX values for segmented capture frame position.
NDI (FVP) Stream 3 (Flex Segmented Position)	235	237	snap	[GLP-JDC2-3] currently reserved for FVP Protocol only.
NDI (FVP) Stream 2 (Flex Segmented Position)	238	240	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using DMX values for segmented capture frame position.
NDI (FVP) Stream 1 (Flex Segmented Position)	241	243	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using DMX values for segmented capture frame position.
NDI Streams with flex relative position:				
NDI (FVP) Stream 4 (Flex Relative Position)	244	246	snap	NDI Stream 4 [NDI Label: GLP-JDC2-4] using DMX values for relative capture frame position.
NDI (FVP) Stream 3 (Flex Relative Position)	247	249	snap	[GLP-JDC2-3] currently reserved for FVP Protocol only.
NDI (FVP) Stream 2 (Flex Relative Position)	250	252	snap	NDI Stream 2 [NDI Label: GLP-JDC2-2] using DMX values for relative capture frame position.

Function	DMX range		fade	Notes
NDI (FVP) Stream 1 (Flex Relative Position)	253	255	snap	NDI Stream 1 [NDI Label: GLP-JDC2-1] using DMX values for relative capture frame position.

DigiFX Speed

(Plate Module)

Function	**DMX range**		**fade**
Idle Original Speed	0	5	Snap
Stop at current position	6	9	snap
Min speed	10	10	fade
Max speed	246	246	
Stop at current position	252	255	snap

DigiFX Position X/Y / NDI Capture Horizontal relative position

(Plate Module)

If NDI Stream Absolute position is selected, this channel has no function

Function	**DMX Value**		**fade**	**Notes**
If DigiFX is selected:				
-100%	0	0	fade	
-99% .. -1%				
Center Position (Default)	32767	32767	snap	
+1% .. +100%			fade	
100%	65535	65535		
If NDI Stream with flex relative position is selected:				
X: left position Y: top position	0	0	Fade	
...				
X: Center position (Default) Y: Center position (Default)	32767	32767	Snap	
...				
X: right position Y: Bottom position	65535	65535	Fade	
If NDI Stream with flex segmental position is selected:				
Idle	0	999		→ See Flex Segmental position Chart
for X: Collum 01 for Y: Line 01	1000	1999		
for X: Collum 02 for Y: Line 02	2000	2999		
...	...	...		
for X: Collum 65 for Y: Line 65	65000	65535		
If NDI Stream with flex absolute position is selected:				
Idle	DMX 00000 DMX 00000			same as x and y 1st pixel
x: 0001 y: 0001	DMX 00001 DMX 00001			
x: 0055 y: 0001	DMX 00001 DMX 00002			
...		...		
undefined area	10% ... 100%			
If NDI Stream with fix position is selected:				
no function				

DigiFX Scale / NDI Capture Zoom

(Plate Module)

Function	DMX range		fade	Notes
If DigiFX is selected:				
Idle Origin Size (Default)	0	9		Idle size of the effect. Best fit to the LED Panel
Scale down (DigiFX becomes smaller)	10	10		
...	11	127		
Idle origin Size	128	128		
...	129	245		
Scale up (DigiFX becomes bigger)	255	255		
If NDI Stream with relative position is selected:				
Idle Origin Size 1:1 (Default)	0	9		Product Documentation | DigiFX and NDI Control
Scale down (NDI Picture becomes smaller)	10	10		
...	11	127		
Idle origin Size (origin captures size)	128	128		
...	129	245		
Scale Up (NDI Picture becomes bigger)	246	255		

DigiFX Rotation / NDI Capture Rotation

(Plate Module)

Capture Frame will rotate around the first pixel (top right corner)

Function	DMX range		fade	Notes
0°	0	0		
1° .. 44°	1	31		
45°	32	32		
46°.. 89°	33	63		
90°	64	64		
91° .. 134°	65	95		
135°	96	96		
136° .. 179°	97	127		
180°	128	128		
181° ..224°	129	159		
225°	160	160		
226° .. 269°	161	191		
270°	192	192		
271° .. 314°	193	223		
315°	224	224		
316° .. 359°	225	255		

DigiFX Transition

(Plate Module)

Function	**DMX range**		**fade**	**Notes**
Off (Snap between different DigiFXs)	0	9	snap	DigiFX A to DigiFX B will snap
FOB Transition / Fade over Blackout (snap .. fade 5s)	10	63	fade	DigiFX A to DigiFX B will crossfade 0-5s
Off (Snap between different DigiFXs)	64	73	snap	DigiFX A to DigiFX B will snap
FOF Transition / Fade over Full White (snap .. fade 5s)	74	127	fade	DigiFX A to DigiFX B will crossfade over Blackout 0-5s
Off (Snap between different DigiFXs)	128	137	snap	DigiFX A to DigiFX B will snap
No Transition Time - reserved for additional feature	138	191		
Off - reserved for additional feature	192	201		
No Transition Time - reserved for additional feature	202	255		


GLP