

DMX Channel Index

impression[&]
X4BAR



10

from software version: v0.60



— since 1994 —

support@glp.de
www.glp.de

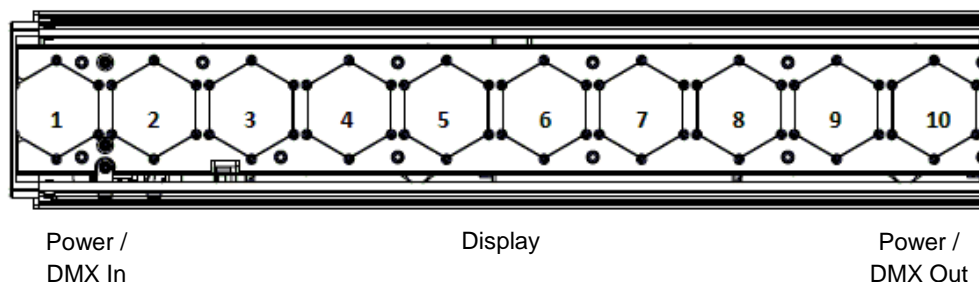
Seven DMX modes are available to suit different applications and preferences:

- **Normal Mode (33 Channels):** Most common mode with all basic functions. See page 3.
- **Compressed Mode (19 Channels):** Limited channel mode. Channels are sorted to match the Impression X4 normal mode. See page 4.
- **High Resolution Mode (34 Channels):** Same as Normal Mode but with 16-bit master dimming. See page 5.
- **Single Pixel Mode (48 Channels):** Individual control of the RGBW values for each pixel, which allows for pixel mapping. See page 6.
- **Single Pixel High Resolution Mode (49 Channels):** Same as the Single Pixel Mode but with 16-bit master dimming. See page 7.
- **Dual Pixel Mode (28 Channels):** Similar to Single Pixel Mode but with 2 pixel combined as one to reduce the channel count. See page 8.
- **Dual Pixel High Resolution Mode (29 Channels):** Same as the Dual Pixel Mode but with 16-bit master dimming. See page 9.

Notes on DMX Functions

- ¹⁾ Indicates start colors for the rainbow effect. If you select one of these colors before activating the rainbow effect, all **IMPRESSION X4 Bars** will start from that color and execute the rainbow effect synchronously. **IMPRESSION X4 Bars** with other indicated start colors will also execute the rainbow effect synchronously. If you select a color that is not defined as a rainbow effect start color, the rainbow effect starts with red.
- ²⁾ Pauses rainbow effect. After resuming, the effect continues from the current color.
- ³⁾ Starts rainbow effect. The effect runs synchronously if started from one of the defined start colors. See note 1, above.
- ⁴⁾ Set 2 values are visible only when a pattern is applied to Set 1. Set 3 values are visible only when patterns are applied to Sets 1 and 2.

Pixels are numbered 1-10 from left to right as shown below. Note: The head is tipped forward (DMX value = 0), the display is in front, and the input sockets are on the left.



Normal Mode (norm) 33 DMX channels

Channel		Function	Time and Value	DMX
1	Tilt - High	Tilt coarse	0° - 210°	0..255
2	Tilt - Low	Tilt fine		0..255
3	Zoom	Wide (flood) - narrow (spot)	50° - 7°	0..255
4	CTO	No CTO		0..7
		Continuous color temperature correction	Applies to ALL colors	8..255
5	Set 1 Color (fixed)	Colors adjustable via RGB		0..7
		Color 01 - Red ¹⁾		8..15
		Color 02 - Amber ¹⁾		16..23
		Color 03 - Warm Yellow ¹⁾		24..31
		Color 04 - Yellow ¹⁾		32..39
		Color 05 - Green ¹⁾		40..47
		Color 06 - Turquoise ¹⁾		48..55
		Color 07 - Cyan ¹⁾		56..63
		Color 08 - Blue ¹⁾		64..71
		Color 09 - Lavender ¹⁾		72..79
		Color 10 - Malve ¹⁾		80..87
		Color 11 - Magenta ¹⁾		88..95
		Color 12 - Pink ¹⁾		96..103
		White - CTO	3200K	104..111
		White	5600K	112..119
		White - CTB	7200K	120..127
		Rainbow Effect Stop ²⁾		128
		Rainbow Effect ³⁾	slow - fast	129..223
		Random colors	slow - fast	224..255
6	Set 1	Red	Color mixing system - Red	0 - 100%
7		Green	Color mixing system - Green	0 - 100%
8		Blue	Color mixing system - Blue	0 - 100%
9		White	Color mixing system - White	0 - 100%
10		Intensity	Intensity	0 - 100%
11	Shutter	Shutter closed		0..15
		Shutter pulse random	slow – fast	16..47
		Fade on, snap off (random patterns)	slow – fast	48..79
		Snap on, fade off (random patterns)	slow – fast	80..111
		Fade on, fade off (random patterns)	slow – fast	112..143
		Strobe random	5s - 0.1s	144..199
		Strobe effect slow - fast	1 Hz - 10 Hz	200..239
		Shutter open		240..255
12	Intensity		Intensity	0 - 100%
13	Special		See special functions on page 10	-
14	Set 2 ⁴⁾	Color	Values see Channel 5	-
15		Red	Color mixing system - Red	0 - 100%
16		Green	Color mixing system - Green	0 - 100%
17		Blue	Color mixing system - Blue	0 - 100%
18		White	Color mixing system - White	0 - 100%
19		Intensity	Intensity	0 - 100%
20	Set 3 ⁴⁾	Color	Values see Channel 5	-
21		Red	Color mixing system - Red	0 - 100%
22		Green	Color mixing system - Green	0 - 100%
23		Blue	Color mixing system - Blue	0 - 100%
24		White	Color mixing system - White	0 - 100%
25		Intensity	Intensity	0 - 100%
26	Crossfade		0.2 seconds transition time	0..255
27	Star Effect		Random internal shutter effect	slow – fast
28	Set 1	Pattern Select		0..255
29		Pattern Movement		0..255
30	Set 2 ⁴⁾	Pattern Select		0..255
31		Pattern Movement		0..255
32	Pixel Select 1 - 8			0..255
33	Pixel Select 9 - 10			0..255

Compressed Mode (comp) 19 DMX Channels

Channel		Function	Time and Value	DMX
1	None	reserved		-
2	None	reserved		-
3	Tilt - High	Tilt coarse	0° - 210°	0..255
4	Tilt - Low	Tilt fine		0..255
5	Set 1 Color (fixed)	Colors adjustable via RGB		0..7
		Color 01 - Red ¹⁾		8..15
		Color 02 - Amber ¹⁾		16..23
		Color 03 - Warm Yellow ¹⁾		24..31
		Color 04 - Yellow ¹⁾		32..39
		Color 05 - Green ¹⁾		40..47
		Color 06 - Turquoise ¹⁾		48..55
		Color 07 - Cyan ¹⁾		56..63
		Color 08 - Blue ¹⁾		64..71
		Color 09 - Lavender ¹⁾		72..79
		Color 10 - Malve ¹⁾		80..87
		Color 11 - Magenta ¹⁾		88..95
		Color 12 - Pink ¹⁾		96..103
		White - CTO	3200K	104..111
		White	5600K	112..119
		White - CTB	7200K	120..127
		Rainbow Effect Stop ²⁾		128
		Rainbow Effect ³⁾	slow - fast	129..223
		Random colors	slow - fast	224..255
6	Set 1	Red	Color mixing system - Red	0 - 100%
7		Green	Color mixing system - Green	0 - 100%
8		Blue	Color mixing system - Blue	0 - 100%
9		White	Color mixing system - White	0 - 100%
10	Shutter	Shutter closed		0..15
		Shutter pulse random	slow – fast	16..47
		Fade on, snap off (random patterns)	slow – fast	48..79
		Snap on, fade off (random patterns)	slow – fast	80..111
		Fade on, fade off (random patterns)	slow – fast	112..143
		Strobe random	5s - 0.1s	144..199
		Strobe effect slow - fast	1 Hz - 10 Hz	200..239
		Shutter open		240..255
11	Intensity	Intensity	0 - 100%	0..255
12	CTO	No CTO		0..7
		Continuous color temperature correction	Applies to ALL colors	8..255
13	Special	See special functions on page 10	-	-
14	Crossfade	0..2 seconds transition time		0..255
15	Set 1 Pattern Movement			0..255
16	Zoom	Wide (flood) - narrow (spot)	50° - 7°	0..255
17	Set 1 Pattern			0..255
18	Pixel Select 1 - 8			0..255
19	Pixel Select 9 - 10			0..255

High Resolution Mode (Hires) 34 DMX Channels

Channel			Function	Time and Value	DMX
1	Tilt - High		Tilt coarse	0° - 210°	0..255
2	Tilt - Low		Tilt fine		0..255
3	Zoom		Wide (flood) - narrow (spot)	50° - 7°	0..255
4	CTO		No CTO		0..7
			Continuous color temperature correction	Applies to ALL colors	8..255
5	Set 1 Color (fixed)		Colors adjustable via RGB		0..7
			Color 01 - Red ¹⁾		8..15
			Color 02 - Amber ¹⁾		16..23
			Color 03 - Warm Yellow ¹⁾		24..31
			Color 04 - Yellow ¹⁾		32..39
			Color 05 - Green ¹⁾		40..47
			Color 06 - Turquoise ¹⁾		48..55
			Color 07 - Cyan ¹⁾		56..63
			Color 08 - Blue ¹⁾		64..71
			Color 09 - Lavender ¹⁾		72..79
			Color 10 - Malve ¹⁾		80..87
			Color 11 - Magenta ¹⁾		88..95
			Color 12 - Pink ¹⁾		96..103
			White - CTO	3200K	104..111
			White	5600K	112..119
			White - CTB	7200K	120..127
			Rainbow Effect Stop ²⁾		128
			Rainbow Effect ³⁾	slow - fast	129..223
			Random colors	slow - fast	224..255
6	Set 1	Red	Color mixing system - Red	0 - 100%	0..255
7		Green	Color mixing system - Green	0 - 100%	0..255
8		Blue	Color mixing system - Blue	0 - 100%	0..255
9		White	Color mixing system - White	0 - 100%	0..255
10		Intensity	Intensity	0 - 100%	0..255
11	Shutter		Shutter closed		0..15
			Shutter pulse random	slow – fast	16..47
			Fade on, snap off (random patterns)	slow – fast	48..79
			Snap on, fade off (random patterns)	slow – fast	80..111
			Fade on, fade off (random patterns)	slow – fast	112..143
			Strobe random	5s - 0.1s	144..199
			Strobe effect slow - fast	1 Hz - 10 Hz	200..239
			Shutter open		240..255
12	Intensity - High		Intensity - coarse	0 - 100%	0..255
13	Intensity - Low		Intensity - fine	-	0..255
14	Special		See special functions on page 10	-	-
15	Set 2 ⁴⁾	Color	Values see Channel 5	-	-
16		Red	Color mixing system - Red	0 - 100%	0..255
17		Green	Color mixing system - Green	0 - 100%	0..255
18		Blue	Color mixing system - Blue	0 - 100%	0..255
19		White	Color mixing system - White	0 - 100%	0..255
20		Intensity	Intensity	0 - 100%	0..255
21	Set 3 ⁴⁾	Color	Values see Channel 5	-	-
22		Red	Color mixing system - Red	0 - 100%	0..255
23		Green	Color mixing system - Green	0 - 100%	0..255
24		Blue	Color mixing system - Blue	0 - 100%	0..255
25		White	Color mixing system - White	0 - 100%	0..255
26		Intensity	Intensity	0 - 100%	0..255
27	Crossfade		0.2 seconds transition time		0..255
28	Star Effect		Random internal shutter effect	slow – fast	0..255
29	Set 1	Pattern Select			0..255
30		Pattern Movement			0..255
31	Set 2 ⁴⁾	Pattern Select			0..255
32		Pattern Movement			0..255
33	Pixel Select 1 - 8				0..255
34	Pixel Select 9 - 10				0..255

Single Pixel Mode (spix) 48 DMX Channels

Channel			Function	Time and Value	DMX
1	Tilt - High		Tilt coarse	0° - 210°	0..255
2	Tilt - Low		Tilt fine		0..255
3	Shutter		Shutter closed		0..15
			Shutter pulse random	slow – fast	16..47
			Fade on, snap off (random patterns)	slow – fast	48..79
			Snap on, fade off (random patterns)	slow – fast	80..111
			Fade on, fade off (random patterns)	slow – fast	112..143
			Strobe random	5s - 0.1s	144..199
			Strobe effect slow - fast	1 Hz - 10 Hz	200..239
			Shutter open		240..255
4	Intensity		Intensity	0 - 100%	0..255
5	CTO		No CTO		0..7
			Continuous color temperature correction	Applies to ALL colors	8..255
6	Special		See special functions on page 10	-	-
7	Crossfade		0..2 seconds transition time		0..255
8	Zoom		Wide (flood) - narrow (spot)	50° - 7°	0..255
9	Pixel 1	Red	Color mixing system - Red	0 - 100%	0..255
10		Green	Color mixing system - Green	0 - 100%	0..255
11		Blue	Color mixing system - Blue	0 - 100%	0..255
12		White	Color mixing system - White	0 - 100%	0..255
13	Pixel 2	Red	Color mixing system - Red	0 - 100%	0..255
14		Green	Color mixing system - Green	0 - 100%	0..255
15		Blue	Color mixing system - Blue	0 - 100%	0..255
16		White	Color mixing system - White	0 - 100%	0..255
17	Pixel 3	Red	Color mixing system - Red	0 - 100%	0..255
18		Green	Color mixing system - Green	0 - 100%	0..255
19		Blue	Color mixing system - Blue	0 - 100%	0..255
20		White	Color mixing system - White	0 - 100%	0..255
21	Pixel 4	Red	Color mixing system - Red	0 - 100%	0..255
22		Green	Color mixing system - Green	0 - 100%	0..255
23		Blue	Color mixing system - Blue	0 - 100%	0..255
24		White	Color mixing system - White	0 - 100%	0..255
25	Pixel 5	Red	Color mixing system - Red	0 - 100%	0..255
26		Green	Color mixing system - Green	0 - 100%	0..255
27		Blue	Color mixing system - Blue	0 - 100%	0..255
28		White	Color mixing system - White	0 - 100%	0..255
29	Pixel 6	Red	Color mixing system - Red	0 - 100%	0..255
30		Green	Color mixing system - Green	0 - 100%	0..255
31		Blue	Color mixing system - Blue	0 - 100%	0..255
32		White	Color mixing system - White	0 - 100%	0..255
33	Pixel 7	Red	Color mixing system - Red	0 - 100%	0..255
34		Green	Color mixing system - Green	0 - 100%	0..255
35		Blue	Color mixing system - Blue	0 - 100%	0..255
36		White	Color mixing system - White	0 - 100%	0..255
37	Pixel 8	Red	Color mixing system - Red	0 - 100%	0..255
38		Green	Color mixing system - Green	0 - 100%	0..255
39		Blue	Color mixing system - Blue	0 - 100%	0..255
40		White	Color mixing system - White	0 - 100%	0..255
41	Pixel 9	Red	Color mixing system - Red	0 - 100%	0..255
42		Green	Color mixing system - Green	0 - 100%	0..255
43		Blue	Color mixing system - Blue	0 - 100%	0..255
44		White	Color mixing system - White	0 - 100%	0..255
45	Pixel 10	Red	Color mixing system - Red	0 - 100%	0..255
46		Green	Color mixing system - Green	0 - 100%	0..255
47		Blue	Color mixing system - Blue	0 - 100%	0..255
48		White	Color mixing system - White	0 - 100%	0..255

Single Pixel High Resolution Mode (SPiXH) 49 DMX Channels

Channel			Function	Time and Value	DMX
1	Tilt - High		Tilt coarse	0° - 210°	0..255
2	Tilt - Low		Tilt fine		0..255
3	Shutter		Shutter closed		0..15
			Shutter pulse random	slow – fast	16..47
			Fade on, snap off (random patterns)	slow – fast	48..79
			Snap on, fade off (random patterns)	slow – fast	80..111
			Fade on, fade off (random patterns)	slow – fast	112..143
			Strobe random	5s - 0.1s	144..199
			Strobe effect slow - fast	1 Hz - 10 Hz	200..239
			Shutter open		240..255
4	Intensity - High		Intensity - coarse	0 - 100%	0..255
5	Intensity - Low		Intensity - fine	-	0..255
6	CTO		No CTO		0..7
			Continuous color temperature correction	Applies to ALL colors	8..255
7	Special		See special functions on page 10	-	-
8	Crossfade		0..2 seconds transition time		0..255
9	Zoom		Wide (flood) - narrow (spot)	50° - 7°	0..255
10	Pixel 1	Red	Color mixing system - Red	0 - 100%	0..255
11		Green	Color mixing system - Green	0 - 100%	0..255
12		Blue	Color mixing system - Blue	0 - 100%	0..255
13		White	Color mixing system - White	0 - 100%	0..255
14	Pixel 2	Red	Color mixing system - Red	0 - 100%	0..255
15		Green	Color mixing system - Green	0 - 100%	0..255
16		Blue	Color mixing system - Blue	0 - 100%	0..255
17		White	Color mixing system - White	0 - 100%	0..255
18	Pixel 3	Red	Color mixing system - Red	0 - 100%	0..255
19		Green	Color mixing system - Green	0 - 100%	0..255
20		Blue	Color mixing system - Blue	0 - 100%	0..255
21		White	Color mixing system - White	0 - 100%	0..255
22	Pixel 4	Red	Color mixing system - Red	0 - 100%	0..255
23		Green	Color mixing system - Green	0 - 100%	0..255
24		Blue	Color mixing system - Blue	0 - 100%	0..255
25		White	Color mixing system - White	0 - 100%	0..255
26	Pixel 5	Red	Color mixing system - Red	0 - 100%	0..255
27		Green	Color mixing system - Green	0 - 100%	0..255
28		Blue	Color mixing system - Blue	0 - 100%	0..255
29		White	Color mixing system - White	0 - 100%	0..255
30	Pixel 6	Red	Color mixing system - Red	0 - 100%	0..255
31		Green	Color mixing system - Green	0 - 100%	0..255
32		Blue	Color mixing system - Blue	0 - 100%	0..255
33		White	Color mixing system - White	0 - 100%	0..255
34	Pixel 7	Red	Color mixing system - Red	0 - 100%	0..255
35		Green	Color mixing system - Green	0 - 100%	0..255
36		Blue	Color mixing system - Blue	0 - 100%	0..255
37		White	Color mixing system - White	0 - 100%	0..255
38	Pixel 8	Red	Color mixing system - Red	0 - 100%	0..255
39		Green	Color mixing system - Green	0 - 100%	0..255
40		Blue	Color mixing system - Blue	0 - 100%	0..255
41		White	Color mixing system - White	0 - 100%	0..255
42	Pixel 9	Red	Color mixing system - Red	0 - 100%	0..255
43		Green	Color mixing system - Green	0 - 100%	0..255
44		Blue	Color mixing system - Blue	0 - 100%	0..255
45		White	Color mixing system - White	0 - 100%	0..255
46	Pixel 10	Red	Color mixing system - Red	0 - 100%	0..255
47		Green	Color mixing system - Green	0 - 100%	0..255
48		Blue	Color mixing system - Blue	0 - 100%	0..255
49		White	Color mixing system - White	0 - 100%	0..255

Dual Pixel Mode (dpix) 28 DMX Channels

Channel		Function	Time and Value	DMX
1	Tilt - High	Tilt coarse	0° - 210°	0..255
2	Tilt - Low	Tilt fine		0..255
3	Shutter	Shutter closed		0..15
		Shutter pulse random	slow – fast	16..47
		Fade on, snap off (random patterns)	slow – fast	48..79
		Snap on, fade off (random patterns)	slow – fast	80..111
		Fade on, fade off (random patterns)	slow – fast	112..143
		Strobe random	5s - 0.1s	144..199
		Strobe effect slow - fast	1 Hz - 10 Hz	200..239
		Shutter open		240..255
4	Intensity	Intensity	0 - 100%	0..255
5	CTO	No CTO		0..7
		Continuous color temperature correction	Applies to ALL colors	8..255
6	Special	See special functions on page 10	-	-
7	Crossfade	0..2 seconds transition time		0..255
8	Zoom	Wide (flood) - narrow (spot)	50° - 7°	0..255
9	Pixel 1&2	Red	Color mixing system - Red	0 - 100%
10		Green	Color mixing system - Green	0 - 100%
11		Blue	Color mixing system - Blue	0 - 100%
12		White	Color mixing system - White	0 - 100%
13	Pixel 3&4	Red	Color mixing system - Red	0 - 100%
14		Green	Color mixing system - Green	0 - 100%
15		Blue	Color mixing system - Blue	0 - 100%
16		White	Color mixing system - White	0 - 100%
17	Pixel 5&6	Red	Color mixing system - Red	0 - 100%
18		Green	Color mixing system - Green	0 - 100%
19		Blue	Color mixing system - Blue	0 - 100%
20		White	Color mixing system - White	0 - 100%
21	Pixel 7&8	Red	Color mixing system - Red	0 - 100%
22		Green	Color mixing system - Green	0 - 100%
23		Blue	Color mixing system - Blue	0 - 100%
24		White	Color mixing system - White	0 - 100%
25	Pixel 9&10	Red	Color mixing system - Red	0 - 100%
26		Green	Color mixing system - Green	0 - 100%
27		Blue	Color mixing system - Blue	0 - 100%
28		White	Color mixing system - White	0 - 100%

Dual Pixel High Resolution Mode (DPiH) 29 DMX Channels

Channel			Function	Time and Value	DMX
1	Tilt - High		Tilt coarse	0° - 210°	0..255
2	Tilt - Low		Tilt fine		0..255
3	Shutter		Shutter closed		0..15
			Shutter pulse random	slow – fast	16..47
			Fade on, snap off (random patterns)	slow – fast	48..79
			Snap on, fade off (random patterns)	slow – fast	80..111
			Fade on, fade off (random patterns)	slow – fast	112..143
			Strobe random	5s - 0.1s	144..199
			Strobe effect slow - fast	1 Hz - 10 Hz	200..239
			Shutter open		240..255
4	Intensity - High		Intensity - coarse	0 - 100%	0..255
5	Intensity - Low		Intensity - fine	-	0..255
6	CTO		No CTO		0..7
			Continuous color temperature correction	Applies to ALL colors	8..255
7	Special		See special functions on page 10	-	-
8	Crossfade		0..2 seconds transition time		0..255
9	Zoom		Wide (flood) - narrow (spot)	50° - 7°	0..255
10	Pixel 1&2	Red	Color mixing system - Red	0 - 100%	0..255
11		Green	Color mixing system - Green	0 - 100%	0..255
12		Blue	Color mixing system - Blue	0 - 100%	0..255
13		White	Color mixing system - White	0 - 100%	0..255
14	Pixel 3&4	Red	Color mixing system - Red	0 - 100%	0..255
15		Green	Color mixing system - Green	0 - 100%	0..255
16		Blue	Color mixing system - Blue	0 - 100%	0..255
17		White	Color mixing system - White	0 - 100%	0..255
18	Pixel 5&6	Red	Color mixing system - Red	0 - 100%	0..255
19		Green	Color mixing system - Green	0 - 100%	0..255
20		Blue	Color mixing system - Blue	0 - 100%	0..255
21		White	Color mixing system - White	0 - 100%	0..255
22	Pixel 7&8	Red	Color mixing system - Red	0 - 100%	0..255
23		Green	Color mixing system - Green	0 - 100%	0..255
24		Blue	Color mixing system - Blue	0 - 100%	0..255
25		White	Color mixing system - White	0 - 100%	0..255
26	Pixel 9&10	Red	Color mixing system - Red	0 - 100%	0..255
27		Green	Color mixing system - Green	0 - 100%	0..255
28		Blue	Color mixing system - Blue	0 - 100%	0..255
29		White	Color mixing system - White	0 - 100%	0..255

Special Functions Channel, All Modes

Function	Notes	Saved	DMX
Special functions off	Normal color mixing and priority.	no	0..3
Reverse color priority	Not available in SPix, DPix, SPixH, or DPixH modes.	no	4..7
Reverse color mixing		no	8..11
To execute following commands, take special functions channel to DMX value 0, then set and hold function value 3 for seconds.			
Tilt slow mode off	Set shutter to 48..49 and intensity to 50..59 (12800..15104 at high resolution). Requires Tilt Firmware V.20 or later.*	yes	120..123
Tilt slow mode on		yes	124..127
Tilt current off		yes	128..131
Tilt current on		yes	132..135
Tilt reset off		yes	136..139
Tilt reset on		yes	140..143
Display Flip off		yes	144..147
Display Flip on		yes	148..151
DMX Mode DPixH (HiRes)	Set shutter to 48..49 and intensity to 50..59 (12800..15104 at high resolution)	yes	152..155
DMX Mode SPixH (HiRes)		yes	156..159
DMX Mode High Resolution		yes	160..163
DMX Mode Normal		yes	164..167
DMX Mode Compressed		yes	168..171
DMX Mode DPix		yes	172..175
DMX Mode SPix		yes	176..179
Dimmer Curve ESoft		yes	180..183
Dimmer Curve Soft		yes	184..187
Dimmer Curve Lin		yes	188..191
X4 Compatibility off		yes	192..195
X4 Compatibility on		yes	196..199
Silent-Mode off		yes	200..203
Silent-Mode on		yes	204..207
Position Feedback off		yes	208..211
Position Feedback on		yes	212..215
DMX holf off		yes	216..219
DMX hold on		yes	220..223
Tilt inverse off		yes	224..227
Tilt inverse on		yes	228..231
Pixel inverse off		yes	232..235
Pixel inverse on		yes	236..239
Zoom inverse off		yes	240..243
Zoom inverse on		yes	244..247
Fixture default	Set shutter to 48..49 and intensity to 50..59 (12800..15104 at high resolution)	yes	248..251
Fixture reset		no	252..255

* For further information please contact your local GLP dealer or GLP support center.

Technical Specifications:

Power supply	
Power consumption	200 VA (Watt)
Power Input	Auto sensing 100-240 V AC, 50-60 Hz
Fuse protection	Micro-fuse 5x20 mm, T5A
Operational Parameters	
Max. Ambient Temperature	5° - 45°C (integrated overheating switch) 40°-113°F
Mounting Position	Any (see relevant chapter in the manual)
Lighting System - Additive Color mixing	
LED Type	10 x Osram Ostar RGBW multi-chip
Lifetime	50,000 h
Wavelength optimized for maximum presentable color space	
Optical System	
Full RGBW / High efficient Collimator cluster Exchangeable diffuser filters available (optional).	
Shutter / Dimmer (8/16 Bit)	
Strobe- Effect with variable speed between 1-10 flashes per second, Random- & Pulse-Effects Continuous Dimmer 0 - 100%	
Zoom	
7 to 50 degree continuous high speed zoom	
Optical Patterns	
Several pre-defined beam patterns with direct access and manipulation. Free control of every pixel, color and intensity	
DMX Control	
Standard USITT DMX-512, 5 pin XLR: [+] = Pin 3 / [-] = Pin 2 / [Ground] = Pin 1 / Pin 4&5 N.C. The DMX- Addressing starts at DMX channel [001].	
Tilt (8/16 Bit)	
Tilt- movement	210° in min. 1.5 seconds (Position Feedback)
Weights and Measures	
Length	500 mm / 19.7"
Width	100 mm / 3.9"
Height	240 mm / 9.4"
Weight (net)	8 kg / 17.6 lbs
Weight with bracket	9.8 kg / 21.6 lbs

Dimensions

