

impression[&] X4

DMX Channel Sheet



from software version 1.00
(Instruction version 1.00)



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DMX Channels

Normal-Mode 20 DMX Channels

Channel	Function	Time and Value	DMX	HEX	%	
1) Pan - coarse	0 .. 660°		0..255	00..FF	0..100	
2) Pan - fine	High-Pos + 2,6° (16 Bit)		0..255	00..FF	0..100	
3) Tilt- coarse	0 .. 300°		0..255	00..FF	0..100	
4) Tilt-fine	High-Pos + 1,2° (16 Bit)		0..255	00..FF	0..100	
5) Color (fixed)	Colors adjustable via RGB		0..7	00..07	0..2,5	
	Color 01 - Red		8..15	08..0F	3..5,5	
	Color 02 - Amber		16..23	10..17	6..8,5	
	Color 03 - Yellow warm		24..31	18..1F	9..12,5	
	Color 04 - Yellow		32..39	20..27	13..15,5	
	Color 05 - Green		40..47	28..2F	16..18,5	
	Color 06 - Turquoise		48..55	30..37	19..21,5	
	Color 07 - Cyan		56..63	38..3F	22..24,5	
	Color 08 - Blue		64..71	40..47	25..27,5	
	Color 09 - Lavender		72..79	48..4F	28..30,5	
	Color 10 - Malve		80..87	50..57	31..34,5	
	Color 11 - Magenta		88..95	58..5F	35..37,5	
	Color 12 - Pink		96..103	60..67	38..40,5	
	White - CTO	3200K		104..111	68..6F	41..43,5
	White	5600K		112..119	70..77	44..46,5
	White - CTB	7200K		120..127	78..7F	47..49,5
	Rainbow Effect Stop			128	80	50
Rainbow Effect	slow - fast		129..223	81..DF	51..88	
Random Colors	slow - fast		224..255	E0..FF	89..100	
6) Red	Red	0 - 100%	0..255	00..FF	0..100	
7) Green	Green	0 - 100%	0..255	00..FF	0..100	
8) Blue	Blue	0 - 100%	0..255	00..FF	0..100	
9) White	White	0 - 100%	0..255	00..FF	0..100	
10) Shutter	Shutter closed		0..15	00..0F	0..5,5	
	Shutter pulse random	slow - fast	16..47	10..2F	6..18,5	
	Shutter ramp up	slow - fast	48..79	30..4F	19..31	
	Shutter ramp down	slow - fast	80..111	50..6F	32..43	
	Shutter ramp up/down	slow - fast	112..143	70..8F	44..56	
	Random strobe	slow - fast	144..159	90..9F	57..62	
	Strobe effect pause	5s ...0,1s		160..199	A0..C7	63..77
	Strobe effect slow - fast	1 Hz .. 25 Hz		200..241	C8..F1	78..95
	Shutter open			242..255	F2..FF	96..100
11) Dimmer	Dimmer	0% - 100%	0..255	0..FF	0..100	
12) CTO	No CTO		0..7	0..07	0..2,5	
	Continuous color temperature correction between 7200k - 3200k	Applicable for ALL colors ⁵⁾	8..255	08..FF	3..100	
13) Special	RESET 1		250..253	FA..FC	98..99	
	RESET 2		254..255	FD..FF	100	
14) Movement macros	No macro		0	0	0	
	Movement macros	Size	Phase			
	PAN	1	0°		01..01	
		1	90°		02..03	

	PAN	1	180°		04..05
		1	270°		06..07
	PAN	2	0°		08..09
		2	90°		10..11
		2	180°		12..13
		2	270°		14..15
	PAN	3	0°		16..17
		3	90°		18..19
		3	180°		20..21
		3	270°		22..23
	PAN	4	0°		24..25
		4	90°		26..27
		4	180°		28..29
		4	270°		30..31
	TILT	Size / Phase; see Pan	32..63	20..3F	13..25
	PAN / TILT	Size / Phase; see Pan	64..95	40..5F	26..37
	PAN / TILT (inverse)	Size / Phase; see Pan	96..127	60..7F	38..50
Circle	Size / Phase; see Pan	128..159	80..9F	51..62	
Circle (inverse)	Size / Phase; see Pan	160..191	A0..BF	63..75	
Lying eight	Size / Phase; see Pan	192..223	C0..DF	76..87	
Random movement	Size / Phase; see Pan	224..255	E0..FF	88..100	
15) Speed Pan/Tilt	Pan/Tilt relative movement		0..1	00..01	0..0,5
	Pan/Tilt slow – fast		2..255	02..FF	1..100
16) Zoom	Wide - Narrow	50° - 7°	0..255	00..FF	0..100
17) Pattern	No pattern		0..2	00..02	
	Various patterns (see appendix A)		3..253	03..FD	99
	Switch box / reserved		254..255	FE..FF	100
18) Pattern macro					
19) Pattern speed					
20) Pattern phase					

