

DMX CHANNEL (FULL VERSION)

- **25CH-MODE:** Full functionality extended mode with separate rotating speed control for both prisms.
- **16CH-MODE:** Simple mode with limited functionality

25CH	16CH	VALUE	FUNCTION
1	1	000-255	PAN
2		000-255	PAN FINE (Least significant bit)
3	2	000-255	TILT
4		000-255	TILT FINE (Least significant bit)
5	3	000-255	PAN / TILT SPEED (fast to slow)
6	4		POWER / SPECIAL FUNCTIONS
		000 - 009	Reserved
		+ IMPORTANT + To activate the following functions, the Shutter / strobe of the selected unit should be closed (0-31 DMX Value) for more than 3s in order to validate the special function	
		010 - 014	DMX input: Wired DMX*
		015 - 019	DMX input: Wireless DMX*
		020 - 024	Eco mode (Lamp power 230W)
		025 - 029	Standard mode (Lamp power 280W)
		030 - 049	Reserved
		050 - 059	Pan/Tilt speed mode
		060 - 069	Pan/Tilt time mode
		070 - 079	Blackout when pan/tilt moving
		080 - 089	Disabled blackout when pan/tilt moving
		090 - 099	Blackout when colour wheel moving
		100 - 109	Disabled blackout when colour wheel moving
		110 - 119	Blackout when gobo wheel moving
		120 - 129	Disabled blackout when gobo wheel moving
		130 - 139	Lamp On, reset (total reset except pan/tilt reset)
		140 - 149	Pan/Tilt reset
		150 - 159	Colour system reset
		160 - 169	Gobo wheels reset
		170 - 179	Dimmer/shutter
		180 - 189	Zoom/focus/prism reset
		190 - 199	Reserved
		200 - 209	Total reset
		210 - 229	Reserved
		230 - 239	Lamp Off
		240 - 255	Reserved
7	5		COLOR
		000 -008	Open/white
		009 - 017	Deep red
		018 - 026	Deep blue
		027 - 036	Yellow
		037 - 045	Green
		046 - 054	Magenta
		055 - 063	Azure
		064 - 072	Red
		073 - 081	Dark green
		082 - 090	Amber
		091 - 100	Blue
		101 - 109	Orange
		110 - 118	CTO
		119 - 127	UV filter
		128 - 129	White

		Positioning	
		130 - 134	Deep red
		135 - 138	Deep blue
		139 - 143	Yellow
		144 - 147	Green
		148 - 152	Magenta
		153 - 157	Azure
		158 - 161	Red
		162 - 166	Dark green
		167 - 171	Amber
		172 - 176	Blue
		177 - 180	Orange
		181 - 185	CTO
		186 - 189	UV Filter
		190 - 215	Forwards rainbow effect from fast to slow
		216 - 217	No rotation
		218 - 243	Backwards rainbow effect from slow to fast
		244 - 249	Random colour selection by audio control
		Random colour selection by audio control	
		250 - 255	Auto random colour selection from fast to slow
8		000 - 255	COLOR FINE
9	6	000 - 255	EFFECT SPEED
		Speed of Rot. Gobo selection from max. to min.	
10	7		STATIC GOBO
		000 - 003	Open/hole
		004 - 009	Gobo 1
		010 - 015	Gobo 2
		016 - 021	Gobo 3
		022 - 027	Gobo 4
		028 - 033	Gobo 5
		034 - 039	Gobo 6
		040 - 045	Gobo 7
		046 - 051	Gobo 8
		052 - 057	Gobo 9
		058 - 063	Gobo 10
		064 - 069	Beam reducer 1
		070 - 075	Beam reducer 2
		076 - 081	Beam reducer 3
		082 - 087	Beam reducer 4
		Shaking gobos from slow to fast	
		088 - 095	Gobo 1 - shaking
		096 - 103	Gobo 2 - shaking
		104 - 111	Gobo 3 - shaking
		112 - 119	Gobo 4 - shaking
		120 - 127	Gobo 5 - shaking
		128 - 135	Gobo 6 - shaking
		136 - 143	Gobo 7 - shaking
		144 - 151	Gobo 8 - shaking
		152 - 159	Gobo 9 - shaking
		160 - 167	Gobo 10 - shaking
		168 - 175	Beam reducer 1 - shaking
		176 - 183	Beam reducer 2 - shaking
		184 - 191	Beam reducer 3 - shaking
		192 - 199	Beam reducer 4 - shaking
		200 - 201	Open/hole
		202 - 221	Forwards gobo wheel rotation from fast to slow

		222 - 223	No rotation
		224 - 243	Backwards gobo wheel rotation from slow to fast
		244 - 249	Random gobo selection by audio control
		(Set microphone sensitivity in "Personality")	
		250 - 255	Auto random gobo selection from fast to slow
11	8		ROTATING GOBO
		In the range of 000 - 059 DMX the gobo selection speed is Controlled by the effect speed channel	
		Index – set indexing on channel 12/9	
		000	Open/Hole (default)
		001 - 004	Hole (flat field)
		005 - 007	Gobo 1
		008 - 010	Gobo 2
		011 - 013	Gobo 3
		014 - 016	Gobo 4
		017 - 019	Gobo 5
		020 - 022	Gobo 6
		023 - 025	Gobo 7
		026 - 028	Gobo 8
		029 - 031	Gobo 9
		Rotation - set rotation on channel 12/9	
		032 - 034	Gobo 1
		035 - 037	Gobo 2
		038 - 040	Gobo 3
		041 - 043	Gobo 4
		044 - 046	Gobo 5
		047 - 049	Gobo 6
		050 - 052	Gobo 7
		053 - 055	Gobo 8
		056 - 059	Gobo 9
		Shaking gobos from slow to fast	
		Index - set indexing on channel 12/9	
		060 - 067	Gobo 1
		068 - 075	Gobo 2
		076 - 083	Gobo 3
		084 - 091	Gobo 4
		092 - 099	Gobo 5
		100 - 107	Gobo 6
		108 - 115	Gobo 7
		116 - 123	Gobo 8
		124 - 129	Gobo 9
		Shaking gobos from slow to fast	
		Rotation – set rotation on channel 12/9	
		130 - 137	Gobo 1
		138 - 145	Gobo 2
		146 - 153	Gobo 3
		154 - 161	Gobo 4
		162 - 169	Gobo 5
		170 - 177	Gobo 6
		178 - 185	Gobo 7
		186 - 193	Gobo 8
		194 - 199	Gobo 9
		200 - 201	Open/hole
		202 - 221	Forwards gobo wheel rotation from fast to slow
		222 - 223	No rotation
		224 - 243	Backwards gobo wheel rotation from slow to fast
		244 - 249	Random gobo selection by audio control

		(Set microphone sensitivity in menu "Personality")	
		250 - 255	Auto random gobo selection from fast to slow
12	9		ROTATING GOBO ROTATION
		Gobo indexing – set position on channel 11/8	
		000 - 255	Gobo indexing
		Gobo rotation – set position on channel 11/8	
		000	No rotation
		001 - 127	Forwards gobo rotation from fast to slow
		128 - 129	No rotation
		130 - 255	Backwards gobo rotation from slow to fast
13			ROTATING GOBO ROTATION FINE
		000 - 255	Fine indexing (rotation)
14	10		PRISM
		000 - 019	Open
		020 - 039	6-facet linear rotating prism indexing
		040 - 049	6-facet linear rotating prism rotation
		050 - 059	8-facet circular rotating prism indexing
		060 - 069	8-facet circular rotating prism rotation
		070 - 079	6-facet and 8-facet rotating prism indexing
		080 - 089	6-facet and 8-facet rotating prism rotation
		090 - 108	6-facet linear rotating prism indexing 8-facet circular rotating prism rotation
		109 - 127	6-facet linear rotating prism rotation 8-facet circular rotating prism indexing
		128 - 135	Macro 1
		136 - 143	Macro 2
		144 - 151	Macro 3
		152 - 159	Macro 4
		160 - 167	Macro 5
		168 - 175	Macro 6
		176 - 183	Macro 7
		184 - 191	Macro 8
		192 - 199	Macro 9
		200 - 207	Macro 10
		208 - 215	Macro 11
		216 - 223	Macro 12
		224 - 231	Macro 13
		232 - 239	Macro 14
		240 - 247	Macro 15
		248 - 255	Macro 16
15			6 FACET LINEAR PRISM ROTATION
		Prism indexing	
		000 - 255	Prism indexing
		Prism rotation	
		000	No rotation
		001 - 127	Forwards prism rotation from fast to slow
		128 - 129	No rotation
		130 - 255	Backwards prism rotation from slow to fast
16			8 FACET CIRCULAR PRISM ROTATION
		Prism indexing	
		000 - 255	Prism indexing
		Prism rotation	
		000	No rotation
		001 - 127	Forwards prism rotation from fast to slow
		128 - 129	No rotation
		130 - 255	Backwards prism rotation from slow to fast

	11		PRISM ROTATION
		Prism indexing – set position on channel 14/10	
		000 - 255	Prism indexing
		Prism rotation – set position on channel 14/10	
		000	No rotation
		001 - 127	Forwards prism rotation from fast to slow
		128 - 129	No rotation
		130 - 255	Backwards prism rotation from slow to fast
17	12	000 - 255	FROST
		Frost from 0% to 100%	
18	13	000 - 255	ZOOM
		Zoom from max. to min. angle	
19		000 - 255	ZOOM FINE
		Fine zooming	
20	14	000 - 255	FOCUS
		Focus adjustment from far to near	
21		000 - 255	FOCUS FINE
		Fine focusing	
22			AUTOFOCUS
		Select desired distance and effect on which you need to focus and use “Focus” channel to focus the image	
		000	Autofocus off
		Rotating gobos & hole	
		001 - 007	10 metres
		008 - 015	15 metres
		016 - 023	20 metres
		024 - 031	25 metres
		032 - 039	30 metres
		040 - 047	35 metres
		048 - 055	40 metres
		056 - 063	45 metres
		Static gobos & hole	
		064 - 071	10 metres
		072 - 079	15 metres
		080 - 087	20 metres
		088 - 095	25 metres
		096 - 103	30 metres
		104 - 111	35 metres
		112 - 119	40 metres
		120 - 126	45 metres
		127	Infinity
		128 - 255	Reserved
23	15		SHUTTER / STROBE
		000 - 031	Shutter closed (Lamp power reduced to 230W)
		032 - 063	Shutter open, full lamp power
		064 - 095	Strobe-effect from slow to fast
		096 - 127	Shutter open
		128 - 143	Opening pulse in sequences from slow to fast
		144 - 159	Closing pulse in sequences from fast to slow
		160 - 191	Shutter open
		192 - 223	Random strobe-effect from slow to fast
		224 - 255	Shutter open, full lamp power
24	16	000 - 255	DIMMER
		Dimmer intensity from 0% to 100%	
25		000 - 255	DIMMER FINE
		Fine dimming	