

Chapter 3 Channel description

1. Channel table

Light support 2 DMX mode: 20ch (Standard) and 16ch (sample), as shown in Table 1:

Table 1 Channel brief

Channel1	Channel2	Name	Value	Brief
1	1	PAN	0~255	Pan movement by 540
2		PAN Fine	0~255	Fine control of pan movement
3	2	TILT	0~255	Tilt movement by 270
4		TIL Fine	0~255	Fine control of tilt movement
5	3	XY Speed	0~255	Fast to slow
6	4	Strobe	0~31	Close
			32~63	Open
			64~95	Fade in strobe, Slow to fast
			96~127	Open
			128~159	Free strobe, Slow to fast
			160~191	Open
			192~250	Pulse strobe, Slow to fast
			251~255	Open
7	5	Dimmer	0~255	0~100% Linear dimming
8	6	Color Wheel	0~4	White
			5~9	Color 1
			10~14	Color 2
			15~19	Color 3
			20~24	Color 4
			25~29	Color 5
			30~34	Color 6
			35~39	Color 7
			40~44	Color 8
			45~49	Color 9
			50~54	Color 10
			55~59	Color 11
			60~64	Color 12
			65~69	Color 13
			70~189	Linear Color Wheel
			190~219	Forwards rainbow effect from fast to slow

			220~224	Stop
			225~255	Backwards rainbow effect from slow to fast
9	7	Static Gobo Wheel	0~3	White
			4~9	Gobo 1
			10~15	Gobo 2
			16~21	Gobo 3
			22~27	Gobo 4
			28~33	Gobo 5
			34~39	Gobo 6
			40~45	Gobo 7
			46~51	Gobo 8
			52~57	Gobo 9
			58~63	Gobo 10
			64~69	Gobo 11
			70~75	Gobo 12
			76~81	Gobo 13
			82~87	White
			88~95	Gobo 1 shake, Slow to fast
			96~103	Gobo 2 shake, Slow to fast
			104~111	Gobo 3 shake, Slow to fast
			112~119	Gobo 4 shake, Slow to fast
			120~127	Gobo 5 shake, Slow to fast
			128~135	Gobo 6 shake, Slow to fast
			136~143	Gobo 7 shake, Slow to fast
			144~151	Gobo 8 shake, Slow to fast
			152~167	Gobo 9 shake, Slow to fast
			168~175	Gobo 10 shake, Slow to fast
			176~183	Gobo 11 shake, Slow to fast
			184~191	Gobo 12 shake, Slow to fast
			192~199	Gobo 13 shake, Slow to fast
			200~201	White
			202~227	Forwards rainbow effect from fast to slow
			228~229	Stop
			230~255	Backwards rainbow effect from slow to fast
10	8	Rotating Gobo	0~9	White

		Wheel	10~19	Gobo 1
			20~29	Gobo 2
			30~39	Gobo 3
			40~49	Gobo 4
			50~59	Gobo 5
			60~69	Gobo 6
			70~79	Gobo 7
			80~89	Gobo 8
			90~99	Gobo 9
			100~110	Gobo 1 shake, Slow to fast
			111~121	Gobo 2 shake, Slow to fast
			122~132	Gobo 3 shake, Slow to fast
			133~143	Gobo 4 shake, Slow to fast
			144~154	Gobo 5 shake, Slow to fast
			155~165	Gobo 6 shake, Slow to fast
			166~176	Gobo 7 shake, Slow to fast
			177~187	Gobo 8 shake, Slow to fast
			188~199	Gobo 9 shake, Slow to fast
			200~201	White
			202~227	Forwards rainbow effect from fast to slow
			228~229	Stop
			230~255	Backwards rainbow effect from slow to fast
11	9	Rot. Gobo	0~127	0~400 angle
			128~191	Forwards rainbow effect from fast to slow
			192~255	Backwards rainbow effect from slow to fast
12	10	Prism 1	0~127	Open position (hole)
			128~255	Insert prism1
13	11	Prism 2	0~127	Open position (hole)
			128~255	Insert prism2
14	12	Prism Rot	0~127	0~400 angle
			128~191	Forwards rainbow effect from fast to slow
			192~255	Backwards rainbow effect from slow to fast
15	13	Frost	0~255	0~100% frost

16	14	Focus	0~255	Continuous adjustment from far to near
17		Focus Fine	0~255	Fine Focus
18	15	Zoom	0~255	Zoom from max. to min.beam angle
19		Zoom Fine	0~255	Fine Zoom
20	16	Function	30~50	Lamp ECO over 3 seconds
			60~80	Lamp full power out over 3 seconds
			100~105	Lamp Off (Over 3 seconds)
			120~129	Blackout when color wheel moving
			130~139	Blackout when gobos wheel moving
			140~149	Blackout when prisms moving
			150~159	Blackout when color, gobos, prisms moving
			200~205	Lamp on (Over 3 seconds)
			240~255	Reset All (Over 3 seconds)