

ClubSpot 500 CT- DMX protocol - version 1.0

Mode/Channel				Function	Type of control
Mod1	Mod2	8bit	Value		
1	1	1	0 - 255	Pan Pan movement by 530°	proportional
3	2		0 - 255	Pan Fine Fine control of pan movement	proportional
2	3	2	0 - 255	Tilt Tilt movement by 280°	proportional
4	4		0 - 255	Tilt fine Fine control of tilt movement	proportional
5	5	3	0	Speed of Pan/Tilt movement Max. speed (tracking mode)	step
			1-249	From max. speed to min.speed (vector mode)	proportional
			250-252	Max.speed (tracking mode),black-out while colour wheel moving or gobo changing	step
			253-255	Max.speed (vector mode),black-out while colour wheel or pan/tilt moving or gobo changing	step
6	6	4	0 - 127	Fans speed control,Lamp on/off,reset Fans speed from max.to min.	proportional
			128-139	Lamp ON,reset	step
			140-229	No function	step
			230-239	Lamp OFF after 3 sec.	step
			240 - 255	No function	step
7	7	5	0	Colour wheel 1 <i>Continual Positioning</i> Open/white	proportional
			13	Light blue	proportional
			26	Red	proportional
			38	Blue	proportional
			51	Light green	proportional
			64	Yellow	proportional
			77	Magenta	proportional
			90	Cyan	proportional
			102	Green	proportional
			115	Orange	proportional
			128-189	Forwards rainbow effect from fast to slow	proportional
190-193	No rotation	step			
194-255	Backwards rainbow effect from slow to fast	proportional			
8	8	6	0	Prism Open position (hole)	step
			1-63	Forwards rotation from fast to slow	proportional
			64	No rotation	step
			65-127	Backwards rotation from slow to fast	proportional
				<i>Prism/gobo macros</i>	
			128-135	Macro 1	step
			136-143	Macro 2	step
			144-151	Macro 3	step
			152-159	Macro 4	step
			160-167	Macro 5	step
			68-175	Macro 6	step
			176-183	Macro 7	step
			184-191	Macro 8	step
			192-199	Macro 9	step
			200-207	Macro 10	step
			208-215	Macro 11	step
			216-223	Macro 12	step
			224-231	Macro 13	step
232-239	Macro 14	step			
240-247	Macro 15	step			
248-255	Macro 16	step			

Mode/Channel			Value	Function	Type of control
Mod1	Mod2	8bit			
9	9	7	0 - 31	Rotating gobos Open/hole	step
			32-63	Rot.gobo 1(multicolour dichroic)	step
			64-95	Rot.gobo 2	step
			96-127	Rot.gobo 3	step
			128-159	Rot.gobo 4	step
			160-191	Rot.gobo 5 (dichroic)	step
			192-223	Rot.gobo 6	step
			224-255	Rot. gobo wheel cont. rotation from slow to fast	proportional
10	10	8	0-127	Rotating gobo indexing and rotation Gobo indexing	proportional
			128-190	Forwards gobo rotation from fast to slow	proportional
			191-192	No rotation	step
			193-255	Backwards gobo rotation from slow to fast	proportional
11	11	9	0-255	Focus Continuous adjustment from far to near	proportional
12	12	10	0-31	Shutter,stroke Shutter closed	step
			32-63	Shutter open	step
			64-95	Strobe-effect from slow to fast	proportional
			96-127	Shutter open	step
			128-143	Closing pulses from slow to fast	proportional
			144-159	Opening pulses from fast to slow	proportional
			160-191	No function	step
			192-223	Random strobe -effect from slow to fast	proportional
			224-255	Shutter open	step
13	13	11	0 - 255	Dimmer intensity Closed to open	proportional