

DMX CHANNELS

MODE	MODE	MODE	MODE	MODE	MODE	FUNCTION	DMX Value
13 Ch	15 Ch	16 Ch	18 Ch	22 Ch	23 Ch		
1	1	1	1	1	1	PAN COARSE 0~100%	000 - 255
2	2	2	2	2	2	PAN FINE 0~100%	000 - 255
3	3	3	3	3	3	TILT COARSE 0~100%	000 - 255
4	4	4	4	4	4	TILT FINE 0~100%	000 - 255
5	5	5	5	5	5	PAN/TILT SPEED Fastest to slow Movement with Blackout	000 - 250 251 - 255
6		6				SPECIAL FUNCTION No function Pan &Tilt Reset (Hold 3 Second) No function Zoom Reset (Hold 3 Second) No function	000-049 050-099 100-149 150-199 200-255
	6		6	6	6	SHUTTER No function (shutter open) Shutter effect slow to fast No function (shutter open) Pulse-effect in sequences No function (shutter open) Random Shutter effect slow to fast No function (shutter open)	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	7	7	7	7	7	DIMMER 8bit 0~100%	000 - 255
			8	8	8	DIMMER 16bit 0~100%	000 - 255
		16	9	9	9	DIMMER FADE 0~100%	000 - 255
8		8				SHUTTER Shutter closed No function (Shutter open) Shutter effect slow to fast No function (Shutter open) Pulse-effect in sequences No function (Shutter open) Random Shutter effect slow to fast No function (Shutter open)	000 - 031 032 - 063 064 - 095 096 - 127 128 - 159 160 - 191 192 - 223 224 - 255

MODE	MODE	MODE	MODE	MODE	MODE	FUNCTION	DMX Value
13 Ch	15 Ch	16 Ch	18 Ch	22 Ch	23 Ch		
	8		10	10	10	CONTROL No Function CTC CTC+Amber Shift Forward Spin Reverse Spin Continuous TBD	000 - 015 016 - 023 024 - 031 032 - 047 048 - 063 064 - 079 080 - 255
		13				COLOR FUNCTION No Function CTC Function Forward Spin Reverse Spin Continuous TBD	000 - 019 020 - 039 040 - 059 060 - 079 080 - 099 100 - 255
		14				COLOR Color Temperature Correction 2000K -->3000K White 3200 K White 4200 K White 5600 K White 8000 K FORWARD SPIN Rainbow Effect (Slow to Fast) REVERSE SPIN Rainbow Effect (Slow to Fast) CONTINUOS Black Red Green Blue White Red=0; Green ->Up; Blue=Full; White=0 Red=0; Green =Full; Blue->Down; White=0 Red->Up; Green=Full; Blue=0; White=0 Red=Full; Green ->Down; Blue=0; White=0 Red=Full; Green=0; Blue->Up; White=0 Red->Down; Green=0; Blue=Full; White=0	000 - 223 224 - 231 232 - 239 240 - 247 248 - 255 000 - 255 000 - 255 000 - 000 001 - 001 002 - 002 003 - 003 004 - 004 005 - 046 047 - 088 089 - 130 131 - 172 173 - 214 215 - 255

MODE	MODE	MODE	MODE	MODE	MODE	FUNCTION	DMX Value
13 Ch	15 Ch	16 Ch	18 Ch	22 Ch	23 Ch		
	9		11	11	11	CTC or CTC+AMBER SHIFT	
						2800K	000 - 000
						3000K	001 - 010
						3200K	011 - 020
						3400K	021 - 030
						3600K	031 - 040
						3800K	041 - 050
						4000K	051 - 060
						4200K	061 - 070
						4400K	071 - 080
						4600K	081 - 090
						4800K	091 - 100
						5000K	101 - 110
						5200K	111 - 120
						5400K	121 - 130
						5600K	131 - 140
						5800K	141 - 150
						6000K	151 - 160
						6200K	161 - 170
						6400K	171 - 180
						6600K	181 - 190
						6800K	191 - 200
						7000K	201 - 210
						7200K	211 - 220
						7400K	221 - 230
						7600K	231 - 240
						7800K	241 - 250
						8000K	251 - 255
						COLOR(FW spin)	
						Rainbow Effect (Slow to Fast)	000 - 255
						COLOR(RW spin)	
						Rainbow Effect (Slow to Fast)	000 - 255
						COLOR (Continuous)	
						Black	000 - 000
						Red	001 - 001
						Green	002 - 002
						Blue	003 - 003
						Warm White	004 - 004
						Red=0, Green->up, Blue=full, Warm White=0	005 - 046
						Red=0, Green=full, Blue->down, Warm White=0	047 - 088
						Red->up, Green=full, Blue=0, Warm White=0	089 - 130
						Red=full, Green->down, Blue=0, Warm White=0	131 - 172
						Red=full, Green=0, Blue->up, Warm White=0	173 - 214
						Red->down, Green=0, Blue=full, Warm White=0	215 - 255
					12	HUE	
						0	000 - 000
						-25~25	001 - 255

MODE	MODE	MODE	MODE	MODE	MODE	FUNCTION	DMX Value
13 Ch	15 Ch	16 Ch	18 Ch	22 Ch	23 Ch		
9	10	9	12	12	13	RED 0~100%	000 - 255
				13	14	RED FINE 0~100%	000 - 255
10	11	10	13	14	15	GREEN 0~100%	000 - 255
				15	16	GREEN FINE 0~100%	000 - 255
11	12	11	14	16	17	BLUE 0~100%	000 - 255
				17	18	BLUE FINE 0~100%	000 - 255
12	13	12	15	18	19	WARM WHITE 0~100%	000 - 255
				19	20	WARM WHITE FINE 0~100%	000 - 255
13	14	15	16	20	21	ZOOM 0~100%	000 - 255
			17	21	22	ZOOM FINE 0~100%	000 - 255
	15		18	22	23	CONTROL No function Reset all Pan&Tilt Reset TBD Zoom Reset TBD(not used) Fast Mode TBD(not used)	000 - 007 008 - 015 016 - 023 044 - 047 048 - 055 056 - 063 064 - 071 072 - 255

MODE	FUNCTION	DMX Value
27 Ch		
1	PAN 8bit Pan Coarse	000 - 255
2	PAN 16bit Pan Fine	000 - 255
3	TILT 8bit Tilt Coarse	000 - 255
4	TILT 16bit Tilt Fine	000 - 255
5	PAN/TILT SPEED Fastest to slow Movement with Blackout	000 - 250 251 - 255
6	SHUTTER No function (shutter open) Shutter effect slow to fast No function (shutter open) Pulse-effect in sequences No function (shutter open) Random Shutter effect slow to fast No function (shutter open)	000 - 010 011 - 082 083 - 093 094 - 163 164 - 174 175 - 244 245 - 255
7	DIMMER 8bit 0~100%	000 - 255
8	DIMMER 16bit 0~100%	000 - 255
9	DIMMER FADE Preset dimmer speed from display menu 0~100%	000 001 - 255
10	WHITE FUNCTION CTC CTC+Amber Shift	000-127 128-255

MODE	FUNCTION	DMX Value
27 Ch		
11	CTC OR CTC+AMBER SHIFT	
	2800K	000-000
	3000K	001-010
	3200K	011-020
	3400K	021-030
	3600K	031-040
	3800K	041-050
	4000K	051-060
	4200K	061-070
	4400K	071-080
	4600K	081-090
	4800K	091-100
	5000K	101-110
	5200K	111-120
	5400K	121-130
	5600K	131-140
	5800K	141-150
	6000K	151-160
	6200K	161-170
	6400K	171-180
	6600K	181-190
	6800K	191-200
	7000K	201-210
	7200K	211-220
	7400K	221-230
	7600K	231-240
	7800K	241-250
	8000K	251-255
12	HUE	
	-25	000-127
	0	128-128
	+25	129-255
13	CROSSFADE 0~100%	000 - 255
14	RED 0~100%	000 - 255
15	RED FINE 0~100%	000 - 255
16	GREEN 0~100%	000 - 255
17	GREEN FINE 0~100%	000 - 255
18	BLUE 0~100%	000 - 255

MODE	FUNCTION	DMX Value
27 Ch		
19	BLUE FINE 0~100%	000 - 255
20	WHITE 0~100%	000 - 255
21	WHITE FINE 0~100%	000 - 255
22	COLOR FUNCTION	
	No Function	000-062
	Forward Spin	063-127
	Reverse Spin	128-192
	Continuous	193-255
23	FORWARD SPIN Rainbow Effect (Slow to Fast)	000 - 255
	REVERSE SPIN Rainbow Effect (Slow to Fast)	000 - 255
	CONTINUOUS	
	Black	000-000
	Red	001-001
	Green	002-002
	Blue	003-003
	White	004-004
	Red=0, Green->up, Blue=full, White=0	005-046
	Red=0, Green=full, Blue->down, White=0	047-088
	Red->up, Green=full, Blue=0, White=0	089-130
	Red=full, Green->down, Blue=0, White=0	131-172
	Red=full, Green=0, Blue->up, White=0	173-214
	Red->down, Green=0, Blue=full, White=0	215-255
24	CTO ON COLORS 0~100%	000 - 255
25	ZOOM 8BIT Zoom Fine	000 - 255
26	ZOOM 16BIT 0~100%	000 - 255
27	CONTROL	
	No function	000-007
	Reset all	008-015
	Pan&Tilt Reset	016-023
	TBD	024-047
	Zoom Reset	048-055
	TBD(not used)	056-063
	Fast Mode	064-071
	TBD(not used)	072-255