

MOVING HEAD PT801P :

DMX channel's functions and their values (59 DMX channels):

Mode/Channel			Value	Function
St	Ba	Ex		
1	1	1	0-255	<u>Cyan Color :</u> Cyan (0-white, 255-100% Cyan) 蓝绿色从浅到深
		2	0-255	<u>Cyan Color Fine :</u> Cyan Fine 蓝绿色从浅到深微调
2	2	3	0-255	<u>Magenta Color :</u> Magenta (0-white, 255-100% magenta) 洋红色从浅到深
		4	0-255	<u>Magenta Color Fine :</u> Magenta Fine 洋红色从浅到深微调
3	3	8	0-255	<u>Yellow Color :</u> Yellow (0-white, 255-100% Yellow) 黄色从浅到深
		9	0-255	<u>Yellow Color Fine :</u> Yellow Fine 黄色从浅到深微调
4	4	10	0-255	<u>CTO Color :</u> CTO (0-white, 255-100% CTO) 色温降从浅到深
		11	0-255	<u>CTO Color Fine :</u> CTO Fine 色温降从浅到深微调
5	5	5	0-255	<u>PAN Movement 8bit :</u> Pan Movement 水平扫描
6	6	6	0-255	<u>TILT Movement 8bit :</u> Tilt Movement 垂直扫描
7	7	7	0-225 226-235 236-245 246-255	<u>Speed Pan/Tilt movement:</u> max to min speed 扫描速度从快到慢 blackout by movement 扫描动作时遮光 blackout by all wheel changing 在所有盘变换时遮光 no function 无用
8	8	12	0-13 14-27 28-41 42-55 56-69 70-83 84-97 98-111 112-127 128-189 190-193 194-255	<u>Color Wheel:</u> Open / white 白光 Color 1 颜色1 Color 2 颜色2 Color 3 颜色3 Color 4 颜色4 Color 5 颜色5 Color 6 颜色6 Color 7 颜色7 Color 8 颜色8 Forwards rainbow effect from fast to slow 颜色顺转从快到慢 No rotation 停 Backwards rainbow effect from slow to fast 颜色反转从慢到快
		13	0-255	<u>Color Wheel Fine :</u> Color Wheel colour change to any position Fine 颜色盘颜色任意位置微调
			0-9 10-19 20-29	<u>Rotating gobos, cont. rotation 1:</u> Open 大圆 Rot. gobo 1 旋转图案1 Rot. gobo 2 旋转图案2

9	9	14	30-39	Rot. gobo 3	旋转图案3
			40-49	Rot. gobo 4	旋转图案4
			50-59	Rot. gobo 5	旋转图案5
			60-69	Rot. gobo 6	旋转图案6
			70-89	Gobo 1 shake slow to fast	图案1抖动
			90-109	Gobo 2 shake slow to fast	图案2抖动
			110-129	Gobo 3 shake slow to fast	图案3抖动
			130-149	Gobo 4 shake slow to fast	图案4抖动
			150-169	Gobo 5 shake slow to fast	图案5抖动
			170-189	Gobo 6 shake slow to fast	图案6抖动
			190-221	Gobo wheel rotation forwards from fast to slow	图案盘顺转从快到慢
			222-223	No rotation	停
			224-255	Gobo wheel rotation f backwards from slow to fast	图案盘反转从慢到快
10	10	15	<u>Rotating gobo index, rotating gobo rotation 1:</u>		
			0-127	Gobo indexing	图案旋转定位
			128-189	Forwards gobo rotation from fast to slow	图案旋转顺时从快到慢
			190-193	No rotation	图案旋转停
		16	194-255	Backwards gobo rotation from slow to fast	图案反向旋转时从慢到快
			<u>Rotating gobo indexing Fine 1:</u>		
			0-255	Fine indexing	图案旋转定位微动
11	11	17	<u>Fixed Gobos :</u>		
			0-9	Open	大圆
			10-19	gobo 1	固定图案1
			20-29	gobo 2	固定图案2
			30-39	gobo 3	固定图案3
			40-49	Animation position 1	火盘位置1
			50-59	Animation position 2	火盘位置2
			60-69	Animation position 3	火盘位置3
			70-89	Gobo 1 shake slow to fast	图案1抖动
			90-109	Gobo 2 shake slow to fast	图案2抖动
			110-129	Gobo 3 shake slow to fast	图案3抖动
			130-149	Animation position 1 shake slow to fast	火盘位置1抖动
			150-169	Animation position 2 shake slow to fast	火盘位置2抖动
			170-189	Animation position 3 shake slow to fast	火盘位置3抖动
			190-221	Gobo wheel rotation forwards from fast to slow	图案盘顺转从快到慢
			222-223	No rotation	停
			224-255	Gobo wheel rotation f backwards from slow to fast	图案盘反转从慢到快
		18	<u>Fixed gobo indexing Fine</u>		
			0-255	Fixed gobo Fine indexing	图案微动
12	12	19	<u>Rotating prism, Prism / Gobo macros:</u>		
			0-63	Open	大圆
			64-127	3-Facet Prism	棱镜1
			128-135	Macro 1	棱镜场景1
			136-143	Macro 2	棱镜场景2
			144-151	Macro 3	棱镜场景3
			152-159	Macro 4	棱镜场景4
			160-167	Macro 5	棱镜场景5
			168-175	Macro 6	棱镜场景6
			176-183	Macro 7	棱镜场景7
			184-191	Macro 8	棱镜场景8
			192-199	Macro 9	棱镜场景9
			200-207	Macro 10	棱镜场景10
			208-215	Macro 11	棱镜场景11
			216-223	Macro 12	棱镜场景12
			224-231	Macro 13	棱镜场景13

			232-239 Macro 14 240-247 Macro 15 248-255 Macro 16	棱镜场景14 棱镜场景15 棱镜场景16
13	13	20	<u>Rotating prism index, rotating prism rotation</u> 0-127 Prism indexing 128-189 Forwards prism rotation from fast to slow 190-193 No rotation 194-255 Backwards prism rotation from slow to fast	棱镜旋转定位 棱镜旋转顺时从快到慢 停 棱镜反向旋转时从慢到快
		21	<u>Rotating prism indexing Fine :</u> 0-255 Fine indexing	棱镜旋转定位微动
14	14	22	<u>Focus :</u> 0-255 Continuous adjustment from near to far	调焦从近到远
		23	<u>Focus Fine:</u> 0-255 Continuous adjustment Fine	调焦从近到远微动
15	15	24	<u>Motorized Zoom :</u> 0-255 Zoom adjustment from small to big	放大从小到大
		25	<u>Motorized Zoom Fine:</u> 0-255 Zoom adjustment Fine	放大从小到大微动
16	16	26	<u>Auto Focus :</u> 0-15 Auto Focus Off 16-31 5m 32-47 7.5m 48-63 10m 64-255 15m	自动调焦关闭 5米自动调焦 7.5米自动调焦 10米自动调焦 15米自动调焦
17	17	27	<u>AutoFocus Fine:</u> 0-255 Continuous adjustment Fine	自动调焦微动
18	18	28	<u>Shutter, strobe:</u> 0-31 Shutter closed 32-63 No function (shutter open) 64-95 Strobe effect slow to fast 96-127 No function (shutter open) 128-159 Pulse-effect in sequences 160-191 No function (shutter open) 192-223 Random strobe effect slow to fast 224-255 No function (shutter open)	关闭 打开光 同步频闪从慢到快 打开光 脉冲同步频闪 打开光 异步频闪从慢到快 打开光
19	19	29	<u>Dimmer intensity:</u> 0-255 Intensity 0 to 100%	调光从0到100%
		30	<u>Fine Dimmer intensity:</u> 0-255 Dimmer intensity fine	调光微动
20	20	31	<u>Iris:</u> 0-191 Max. diameter to Min.diameter 192-223 Pulse closing fast to slow 224-255 Pulse opening slow to fast	光圈从大到小 光圈脉冲关闭从快到慢 光圈脉冲打开从慢到快
		32	<u>Iris Fine:</u> 0-255 Iris Fine	光圈微动
21	21	33	<u>Frost:</u> 0-127 Open 128-255 100% Frost	无雾化 100%雾化
22	22	34	<u>Fixed wheel Animation :</u> 0-7 Close 8-255 Animation speed from slow to fast	火盘关闭 打开火盘从慢到快248个速度来回抖动
23	23	35	<u>Speed Of CMY & Colour macro Speed:</u> 0-255 Speed Max →Min	CMY速度从大到小
			<u>Colour macros - CMY and colour wheel:</u> 0-31 OFF	颜色宏关闭

24	24	36	32-39	Macro1	颜色宏1
			40-47	Macro2	颜色宏2
			48-55	Macro3	颜色宏3
			56-63	Macro4	颜色宏4
			64-71	Macro5	颜色宏5
			72-79	Macro6	颜色宏6
			80-87	Macro7	颜色宏7
			88-95	Macro8	颜色宏8
			96-103	Macro9	颜色宏9
			104-111	Macro10	颜色宏10
			112-119	Macro11	颜色宏11
			120-127	Macro12	颜色宏12
			128-135	Macro13	颜色宏13
			136-143	Macro14	颜色宏14
			144-151	Macro15	颜色宏15
			152-159	Macro16	颜色宏16
			160-167	Macro17	颜色宏17
			168-175	Macro18	颜色宏18
			176-183	Macro19	颜色宏19
			184-191	Macro20	颜色宏20
			192-199	Macro21	颜色宏21
			200-207	Macro22	颜色宏22
			208-215	Macro23	颜色宏23
			216-223	Macro24	颜色宏24
			224-231	Macro25	颜色宏25
			232-239	Macro26	颜色宏26
			240-247	Macro27	颜色宏27
			248-255	Random CMY	颜色宏异步运行
25	25	37	0-255	<u>Blade 1 :</u> Open to Close	切割片1打开到关闭
		38	0-255	<u>Blade 1 Fine :</u> Open to Close Fine	切割片1打开到关闭微动
26	26	39	0-255	<u>Blade 1 Rotation :</u> Blade 1 Rotation	切割片1旋转
		40	0-255	<u>Blade 1 Rotation Fine :</u> Blade 1 Rotation Fine	切割片1旋转微动
27	27	41	0-255	<u>Blade 2 :</u> Open to Close	切割片2打开到关闭
		42	0-255	<u>Blade 2 Fine :</u> Open to Close Fine	切割片2打开到关闭微动
28	28	43	0-255	<u>Blade 2 Rotation :</u> Blade 2 Rotation	切割片2旋转
		44	0-255	<u>Blade 2 Rotation Fine :</u> Blade 2 Rotation Fine	切割片2旋转微动
29	29	45	0-255	<u>Blade 3 :</u> Open to Close	切割片3打开到关闭
		46	0-255	<u>Blade 3 Fine :</u> Open to Close Fine	切割片3打开到关闭微动
30	30	47	0-255	<u>Blade 3 Rotation :</u> Blade 3 Rotation	切割片3旋转
		48	0-255	<u>Blade 3 Rotation Fine :</u> Blade 3 Rotation Fine	切割片3旋转微动
31	31	49	0-255	<u>Blade 4 :</u> Open to Close	切割片4打开到关闭
		50		<u>Blade 4 Fine :</u>	

		30	0-255	Open to Close Fine	切割片4打开到关闭微动
32	32	51	0-255	<u>Blade 4 Rotation :</u> Right Blade Rotation	切割片4旋转
		52	0-255	<u>Blade 4 Rotation Fine :</u> Right Blade Rotation Fine	切割片4旋转微动
33	33	53	0-255	<u>All Blade Rotation :</u> All Blade Rotation	全部切割片旋转90度
		54	0-255	<u>All Blade Rotation Fine :</u> All Blade Rotation Fine	全部切割片旋转微动
34	34	55	0-255	<u>Speed Of Blade Speed:</u> Speed Max —>Min	切割片速度从大到小
35	35	56		<u>Blade macro:</u>	
			0-7	OFF	切割图形宏关闭
			8-15	Macro1	切割图形宏1
			16-23	Macro2	切割图形宏2
			24-31	Macro3	切割图形宏3
			32-39	Macro4	切割图形宏4
			40-47	Macro5	切割图形宏5
			48-55	Macro6	切割图形宏6
			56-63	Macro7	切割图形宏7
			64-71	Macro8	切割图形宏8
			72-79	Macro9	切割图形宏9
			80-87	Macro10	切割图形宏10
			88-95	Macro11	切割图形宏11
			96-103	Macro12	切割图形宏12
			104-111	Macro13	切割图形宏13
			112-119	Macro14	切割图形宏14
			120-127	Macro15	切割图形宏15
			128-135	Macro16	切割图形宏16
			136-143	Macro17	切割图形宏17
			144-151	Macro18	切割图形宏18
			152-159	Macro19	切割图形宏19
			160-167	Macro20	切割图形宏20
			168-175	Macro21	切割图形宏21
			176-183	Macro22	切割图形宏22
			184-191	Macro23	切割图形宏23
			192-199	Macro24	切割图形宏24
			200-207	Macro25	切割图形宏25
			208-215	Macro26	切割图形宏26
			216-223	Macro27	切割图形宏27
			224-231	Macro28	切割图形宏28
			232-239	Macro29	切割图形宏29
240-247	Macro30	切割图形宏30			
248-255	Macro31	切割图形宏31			
36	36	57		<u>Lamp on/off, reset, internal programs:</u>	
			0-19	colour & gobo change normal	控台控制颜色图案单个改变
			20-29	colour change to any position	控台控制颜色能到任何位置
			30-39	colour & gobo change to any position	控台控制颜色图案能到任何位置
			40-59	Lamp on	等待8秒后开灯
			60-79	Lamp switch off	等待8秒后关灯
			80-84	All motor reset	等待8秒后所有电机重设
			85-87	Scan motor reset	等待8秒后扫描电机重设
			88-90	Colors motor reset	等待8秒后所有颜色电机重设
			91-93	Gobo motor reset	等待8秒后所有图案电机重设
94-96	Shutter & Dimmer motor reset	等待8秒后所有频闪电机重设			

			97-99 Other motor reset	等待8秒后其他电机重设
			100-119 Internal program 1 (secne1~8 of EEPROM)	内置程序1 (面板存储器的1~8场景)
			120-139 Internal program 2 (secne9~16 of EEPROM)	内置程序2 (面板存储器的9~16场景)
			140-159 Internal program 3 (secne17~24 of EEPROM)	内置程序3 (面板存储器的17~24场景)
			160-179 Internal program 4 (secne25~32 of EEPROM)	内置程序4 (面板存储器的25~32场景)
			180-199 Internal program 5 (secne33~40 of EEPROM)	内置程序5 (面板存储器的33~40场景)
			200-219 Internal program 6 (secne41~48 of EEPROM)	内置程序6 (面板存储器的41~48场景)
			220-239 Internal program 7 (secne49~56 of EEPROM)	内置程序7 (面板存储器的49~56场景)
			240-255 Music Control (secne of Program 1)	声控控制 (内设程序1)
37		58	<u>Pan Fine 16bit</u> 0-255 Fine control of Pan movement	水平扫描微动
38		59	<u>Tilt Fine 16bit</u> 0-255 Fine control of Tilt movement	垂直扫描微动

批准:

审核:

校对: