

## 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	<b><u>Cyan Color :</u></b> Cyan (0-white, 255-100% Cyan) 蓝绿色从浅到深
		2	0-255	<b><u>Cyan Color Fine :</u></b> Cyan Fine 蓝绿色从浅到深微调
2	2	3	0-255	<b><u>Magenta Color :</u></b> Magenta (0-white, 255-100% magenta) 洋红色从浅到深
		4	0-255	<b><u>Magenta Color Fine :</u></b> Magenta Fine 洋红色从浅到深微调
3	3	8	0-255	<b><u>Yellow Color :</u></b> Yellow (0-white, 255-100% Yellow) 黄色从浅到深
		9	0-255	<b><u>Yellow Color Fine :</u></b> Yellow Fine 黄色从浅到深微调
4	4	10	0-255	<b><u>CTO Color :</u></b> CTO (0-white, 255-100% CTO) 色温降从浅到深
		11	0-255	<b><u>CTO Color Fine :</u></b> CTO Fine 色温降从浅到深微调
5	5	5	0-255	<b><u>PAN Movement 8bit :</u></b> Pan Movement 水平扫描
6	6	6	0-255	<b><u>TILT Movement 8bit :</u></b> Tilt Movement 垂直扫描
7	7	7	0-225 226-235 236-245 246-255	<b><u>Speed Pan/Tilt movement:</u></b> 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	<b><u>Color Wheel:</u></b> 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	<b><u>Color Wheel Fine :</u></b> 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	<b><u>Rotating gobos, cont. rotation 1:</u></b> 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	<b><u>Rotating gobo index, rotating gobo rotation 1:</u></b>		
			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
			<b><u>Rotating gobo indexing Fine 1:</u></b>		
			0-255	Fine indexing	图案旋转定位微动
11	11	17	<b><u>Fixed Gobos :</u></b>		
			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
		18	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
			<b><u>Fixed gobo indexing Fine</u></b>		
			0-255	Fixed gobo Fine indexing	图案微动
12	12	19	<b><u>Rotating prism, Prism / Gobo macros:</u></b>		
			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	<b><u>Rotating prism index, rotating prism rotation</u></b> 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	<b><u>Rotating prism indexing Fine :</u></b> 0-255 Fine indexing	棱镜旋转定位微动
14	14	22	<b><u>Focus :</u></b> 0-255 Continuous adjustment from near to far	调焦从近到远
		23	<b><u>Focus Fine:</u></b> 0-255 Continuous adjustment Fine	调焦从近到远微动
15	15	24	<b><u>Motorized Zoom :</u></b> 0-255 Zoom adjustment from small to big	放大从小到大
		25	<b><u>Motorized Zoom Fine:</u></b> 0-255 Zoom adjustment Fine	放大从小到大微动
16	16	26	<b><u>Auto Focus :</u></b> 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	<b><u>AutoFocus Fine:</u></b> 0-255 Continuous adjustment Fine	自动调焦微动
18	18	28	<b><u>Shutter, strobe:</u></b> 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	<b><u>Dimmer intensity:</u></b> 0-255 Intensity 0 to 100%	调光从0到100%
		30	<b><u>Fine Dimmer intensity:</u></b> 0-255 Dimmer intensity fine	调光微动
20	20	31	<b><u>Iris:</u></b> 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	<b><u>Iris Fine:</u></b> 0-255 Iris Fine	光圈微动
21	21	33	<b><u>Frost:</u></b> 0-127 Open 128-255 100% Frost	无雾化 100%雾化
22	22	34	<b><u>Fixed wheel Animation :</u></b> 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	<b><u>Speed Of CMY &amp; Colour macro Speed:</u></b> 0-255 Speed Max →Min	CMY速度从大到小
			<b><u>Colour macros - CMY and colour wheel:</u></b> 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	<b><u>Blade 1 :</u></b> Open to Close	切割片1打开到关闭
		38	0-255	<b><u>Blade 1 Fine :</u></b> Open to Close Fine	切割片1打开到关闭微动
26	26	39	0-255	<b><u>Blade 1 Rotation :</u></b> Blade 1 Rotation	切割片1旋转
		40	0-255	<b><u>Blade 1 Rotation Fine :</u></b> Blade 1 Rotation Fine	切割片1旋转微动
27	27	41	0-255	<b><u>Blade 2 :</u></b> Open to Close	切割片2打开到关闭
		42	0-255	<b><u>Blade 2 Fine :</u></b> Open to Close Fine	切割片2打开到关闭微动
28	28	43	0-255	<b><u>Blade 2 Rotation :</u></b> Blade 2 Rotation	切割片2旋转
		44	0-255	<b><u>Blade 2 Rotation Fine :</u></b> Blade 2 Rotation Fine	切割片2旋转微动
29	29	45	0-255	<b><u>Blade 3 :</u></b> Open to Close	切割片3打开到关闭
		46	0-255	<b><u>Blade 3 Fine :</u></b> Open to Close Fine	切割片3打开到关闭微动
30	30	47	0-255	<b><u>Blade 3 Rotation :</u></b> Blade 3 Rotation	切割片3旋转
		48	0-255	<b><u>Blade 3 Rotation Fine :</u></b> Blade 3 Rotation Fine	切割片3旋转微动
31	31	49	0-255	<b><u>Blade 4 :</u></b> Open to Close	切割片4打开到关闭
		50		<b><u>Blade 4 Fine :</u></b>	

		30	0-255	Open to Close Fine	切割片4打开到关闭微动
32	32	51	0-255	<b>Blade 4 Rotation :</b> Right Blade Rotation	切割片4旋转
		52	0-255	<b>Blade 4 Rotation Fine :</b> Right Blade Rotation Fine	切割片4旋转微动
33	33	53	0-255	<b>All Blade Rotation :</b> All Blade Rotation	全部切割片旋转90度
		54	0-255	<b>All Blade Rotation Fine :</b> All Blade Rotation Fine	全部切割片旋转微动
34	34	55	0-255	<b>Speed Of Blade Speed:</b> Speed Max →Min	切割片速度从大到小
35	35	56	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-247 248-255	<b>Blade macro:</b> OFF Macro1 Macro2 Macro3 Macro4 Macro5 Macro6 Macro7 Macro8 Macro9 Macro10 Macro11 Macro12 Macro13 Macro14 Macro15 Macro16 Macro17 Macro18 Macro19 Macro20 Macro21 Macro22 Macro23 Macro24 Macro25 Macro26 Macro27 Macro28 Macro29 Macro30 Macro31	切割图形宏关闭 切割图形宏1 切割图形宏2 切割图形宏3 切割图形宏4 切割图形宏5 切割图形宏6 切割图形宏7 切割图形宏8 切割图形宏9 切割图形宏10 切割图形宏11 切割图形宏12 切割图形宏13 切割图形宏14 切割图形宏15 切割图形宏16 切割图形宏17 切割图形宏18 切割图形宏19 切割图形宏20 切割图形宏21 切割图形宏22 切割图形宏23 切割图形宏24 切割图形宏25 切割图形宏26 切割图形宏27 切割图形宏28 切割图形宏29 切割图形宏30 切割图形宏31
36	36	57	0-19 20-29 30-39 40-59 60-79 80-84 85-87 88-90 91-93 94-96	<b>Lamp on/off, reset, internal programs:</b> colour & gobo change normal colour change to any position colour & gobo change to any position Lamp on Lamp switch off All motor reset Scan motor reset Colors motor reset Gobo motor reset Shutter & Dimmer motor reset	控台控制颜色图案单个改变 控台控制颜色能到任何位置 控台控制颜色图案能到任何位置 等待8秒后开灯 等待8秒后关灯 等待8秒后所有电机重设 等待8秒后扫描电机重设 等待8秒后所有颜色电机重设 等待8秒后所有图案电机重设 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	<b><u>Pan Fine 16bit</u></b> 0-255 Fine control of Pan movement	水平扫描微动
38		59	<b><u>Tilt Fine 16bit</u></b> 0-255 Fine control of Tilt movement	垂直扫描微动

批准:

审核:

校对: