

MOVING HEAD PDH-2R :

DMX channel's functions and their values (32 DMX channels):

| Mode/Channel | | | Value | Function | 功能 |
|--------------|----|----|--------------------------------------|--|-------------|
| St | Ba | Ex | 注：当两灯头作为整体运行时，相应的垂直控制通道一律为左灯头对应的通道有效 | | |
| 1 | 1 | 1 | | Left Color Wheel | |
| | | | 0-8 | Open / white | 白光 |
| | | | 9-17 | Color1 | 颜色1 |
| | | | 18-26 | Color2 | 颜色2 |
| | | | 27-35 | Color3 | 颜色3 |
| | | | 36-44 | Color4 | 颜色4 |
| | | | 45-53 | Color5 | 颜色5 |
| | | | 54-62 | Color6 | 颜色6 |
| | | | 63-71 | Color7 | 颜色7 |
| | | | 72-80 | Color8 | 颜色8 |
| | | | 81-89 | Color9 | 颜色9 |
| | | | 90-98 | Color10 | 颜色10 |
| | | | 99-107 | Color11 | 颜色11 |
| | | | 108-116 | Color12 | 颜色12 |
| | | | 117-127 | Color13 | 颜色13 |
| | | | 128-189 | Forwards rainbow effect from fast to slow | 颜色顺转从快到慢 |
| | | | 190-193 | No rotation | 停 |
| | | | 194-255 | Backwards rainbow effect from slow to fast | 颜色反转从慢到快 |
| 2 | 2 | 2 | | Left Color Wheel Fine : | |
| | | | 0-255 | Color Wheel colour change to any position Fine | 颜色盘颜色任意位置微调 |
| | | 3 | | Right Color Wheel | |
| | | | 0-8 | Open / white | 白光 |
| | | | 9-17 | Color1 | 颜色1 |
| | | | 18-26 | Color2 | 颜色2 |
| | | | 27-35 | Color3 | 颜色3 |
| | | | 36-44 | Color4 | 颜色4 |
| | | | 45-53 | Color5 | 颜色5 |
| | | | 54-62 | Color6 | 颜色6 |
| | | | 63-71 | Color7 | 颜色7 |
| | | | 72-80 | Color8 | 颜色8 |
| | | | 81-89 | Color9 | 颜色9 |
| | | | 90-98 | Color10 | 颜色10 |
| | | | 99-107 | Color11 | 颜色11 |
| | | | 108-116 | Color12 | 颜色12 |
| | | | 117-127 | Color13 | 颜色13 |
| | | | 128-189 | Forwards rainbow effect from fast to slow | 颜色顺转从快到慢 |
| | | | 190-193 | No rotation | 停 |
| | | | 194-255 | Backwards rainbow effect from slow to fast | 颜色反转从慢到快 |
| | | 4 | | Right Color Wheel Fine : | |
| | | | 0-255 | Color Wheel colour change to any position Fine | 颜色盘颜色任意位置微调 |
| | | | | Left Fixed gobos, cont. rotation | |
| | | | 0-7 | Open | 白圆 |
| | | | 8-15 | Rot. gobo 1 | 图案1 |
| | | | 16-23 | Rot. gobo 2 | 图案2 |
| | | | 24-31 | Rot. gobo 3 | 图案3 |
| | | | 32-39 | Rot. gobo 4 | 图案4 |
| | | | 40-47 | Rot. gobo 5 | 图案5 |
| | | | 48-55 | Rot. gobo 6 | 图案6 |

| | | | | | |
|---|---|----|---------|--|----------|
| 3 | 3 | 9 | 56-63 | Rot. gobo 7 | 图案7 |
| | | | 64-71 | Rot. gobo 8 | 图案8 |
| | | | 72-79 | Rot. gobo 9 | 图案9 |
| | | | 80-87 | Rot. gobo 10 | 图案10 |
| | | | 88-95 | Rot. gobo 11 | 图案11 |
| | | | 96-103 | Rot. gobo 12 | 图案12 |
| | | | 104-111 | Rot. gobo 13 | 图案13 |
| | | | 112-119 | Rot. gobo 14 | 图案14 |
| | | | 120-126 | Rot. gobo 1 shake | 图案1抖动 |
| | | | 127-133 | Rot. gobo 2 shake | 图案2抖动 |
| | | | 124-140 | Rot. gobo 3 shake | 图案3抖动 |
| | | | 141-147 | Rot. gobo 4 shake | 图案4抖动 |
| | | | 148-154 | Rot. gobo 5 shake | 图案5抖动 |
| | | | 155-161 | Rot. gobo 6 shake | 图案6抖动 |
| | | | 162-168 | Rot. gobo 7 shake | 图案7抖动 |
| | | | 169-175 | Rot. gobo 8 shake | 图案8抖动 |
| | | | 176-182 | Rot. gobo 9 shake | 图案9抖动 |
| | | | 183-189 | Rot. gobo 10 shake | 图案10抖动 |
| | | | 190-196 | Rot. gobo 11 shake | 图案11抖动 |
| | | | 197-203 | Rot. gobo 12 shake | 图案12抖动 |
| | | | 204-210 | Rot. gobo 13 shake | 图案13抖动 |
| | | | 211-217 | Rot. gobo 14 shake | 图案14抖动 |
| | | | 218-255 | Fixed gobo wheel cont. rotation slow to fast | 图案盘顺时针旋转 |
| | | 10 | | Left Fixed gobo indexing Fine | |
| | | | 0-255 | Fixed gobo Fine indexing | 图案微动 |
| 4 | 4 | 11 | | Right Fixed gobos, cont. rotation | |
| | | | 0-7 | Open | 白圆 |
| | | | 8-15 | Rot. gobo 1 | 图案1 |
| | | | 16-23 | Rot. gobo 2 | 图案2 |
| | | | 24-31 | Rot. gobo 3 | 图案3 |
| | | | 32-39 | Rot. gobo 4 | 图案4 |
| | | | 40-47 | Rot. gobo 5 | 图案5 |
| | | | 48-55 | Rot. gobo 6 | 图案6 |
| | | | 56-63 | Rot. gobo 7 | 图案7 |
| | | | 64-71 | Rot. gobo 8 | 图案8 |
| | | | 72-79 | Rot. gobo 9 | 图案9 |
| | | | 80-87 | Rot. gobo 10 | 图案10 |
| | | | 88-95 | Rot. gobo 11 | 图案11 |
| | | | 96-103 | Rot. gobo 12 | 图案12 |
| | | | 104-111 | Rot. gobo 13 | 图案13 |
| | | | 112-119 | Rot. gobo 14 | 图案14 |
| | | | 120-126 | Rot. gobo 1 shake | 图案1抖动 |
| | | | 127-133 | Rot. gobo 2 shake | 图案2抖动 |
| | | | 124-140 | Rot. gobo 3 shake | 图案3抖动 |
| | | | 141-147 | Rot. gobo 4 shake | 图案4抖动 |
| | | | 148-154 | Rot. gobo 5 shake | 图案5抖动 |
| | | | 155-161 | Rot. gobo 6 shake | 图案6抖动 |
| | | | 162-168 | Rot. gobo 7 shake | 图案7抖动 |
| | | | 169-175 | Rot. gobo 8 shake | 图案8抖动 |
| | | | 176-182 | Rot. gobo 9 shake | 图案9抖动 |
| | | | 183-189 | Rot. gobo 10 shake | 图案10抖动 |
| | | | 190-196 | Rot. gobo 11 shake | 图案11抖动 |
| | | | 197-203 | Rot. gobo 12 shake | 图案12抖动 |
| | | | 204-210 | Rot. gobo 13 shake | 图案13抖动 |
| | | | 211-217 | Rot. gobo 14 shake | 图案14抖动 |
| | | | 218-255 | Fixed gobo wheel cont. rotation slow to fast | 图案盘顺时针旋转 |

| | | | | | |
|----|----|----|---------|---|------------------|
| 5 | 5 | 5 | | PAN Movement 8bit | |
| | | | 0-255 | Pan Movement By 540/630 | 水平扫描 |
| 6 | 6 | 6 | | Left TILT Movement 8bit | |
| | | | 0-255 | Left Tilt Movement By 270 | 左垂直扫描（整体运行的垂直扫描） |
| 7 | 7 | 7 | | Right TILT Movement 8bit | |
| | | | 0-255 | Right Tilt Movement By 270 | 右垂直扫描 |
| 8 | 8 | 8 | | Speed pan/tilt movement | |
| | | | 0-225 | max to min speed | 扫描速度从快到慢 |
| | | | 226-235 | blackout by movement | 扫描动作时遮光 |
| | | | 236-245 | blackout by all wheel changing | 在所有盘变换时遮光 |
| | | | 246-255 | no function | 无用 |
| | | 12 | | Right Fixed gobo indexing Fine | |
| | | | 0-255 | Fixed gobo Fine indexing | 图案微动 |
| 9 | 9 | 13 | | Left Rotating prism, Prism / Gobo macros: | |
| | | | 0-31 | Open | 大圆 |
| | | | 32-79 | frost | 雾化 |
| | | | 80-127 | 8 facet prism | 八棱镜 |
| | | | 128-135 | Macro 1 | 雾化场景1 |
| | | | 136-143 | Macro 2 | 雾化场景2 |
| | | | 144-151 | Macro 3 | 雾化场景3 |
| | | | 152-159 | Macro 4 | 棱镜场景1 |
| | | | 160-167 | Macro 5 | 棱镜场景2 |
| | | | 168-175 | Macro 6 | 雾化场景4 |
| | | | 176-183 | Macro 7 | 棱镜场景3 |
| | | | 184-191 | Macro 8 | 棱镜场景4 |
| | | | 192-199 | Macro 9 | 雾化场景5 |
| | | | 200-207 | Macro 10 | 雾化场景6 |
| | | | 208-215 | Macro 11 | 棱镜场景5 |
| | | | 216-223 | Macro 12 | 棱镜场景6 |
| | | | 224-231 | Macro 13 | 棱镜场景7 |
| | | | 232-239 | Macro 14 | 棱镜场景8 |
| 10 | 10 | 14 | | Left Rotating prism: | |
| | | | 0-127 | Prism indexing | 触发棱镜旋转定位 |
| | | | 128-189 | Forwards prism rotation from fast to slow | 棱镜旋转顺时从快到慢 |
| | | | 190-193 | No rotation | 停 |
| | | | 194-255 | Backwards prism rotation from slow to fast | 棱镜反向旋转时从慢到快 |
| | | 15 | | Left Rotating Prism indexing Fine | |
| | | | 0-255 | Fine indexing | 棱镜旋转定位微动 |
| 11 | 11 | 16 | | Right Rotating prism, Prism / Gobo macros: | |
| | | | 0-31 | Open | 大圆 |
| | | | 32-79 | frost | 雾化 |
| | | | 80-127 | 8 facet prism | 八棱镜 |
| | | | 128-135 | Macro 1 | 雾化场景1 |
| | | | 136-143 | Macro 2 | 雾化场景2 |
| | | | 144-151 | Macro 3 | 雾化场景3 |
| | | | 152-159 | Macro 4 | 棱镜场景1 |
| | | | 160-167 | Macro 5 | 棱镜场景2 |
| | | | 168-175 | Macro 6 | 雾化场景4 |
| | | | 176-183 | Macro 7 | 棱镜场景3 |
| | | | 184-191 | Macro 8 | 棱镜场景4 |
| | | | 192-199 | Macro 9 | 雾化场景5 |
| | | | 200-207 | Macro 10 | 雾化场景6 |
| | | | 208-215 | Macro 11 | 棱镜场景5 |
| | | | 216-223 | Macro 12 | 棱镜场景6 |
| | | | 224-231 | Macro 13 | 棱镜场景7 |
| | | | 232-239 | Macro 14 | 棱镜场景8 |

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|----|----|----|---------|--|--------------------|
| | | | 240-247 | Macro 15 | 雾化场景7 |
| | | | 248-255 | Macro 16 | 雾化场景8 |
| 12 | 12 | 17 | | Right Rotating prism: | |
| | | | 0-127 | Prism indexing | 触发棱镜旋转定位 |
| | | | 128-189 | Forwards prism rotation from fast to slow | 棱镜旋转顺时针从快到慢 |
| | | | 190-193 | No rotation | 停 |
| | | | 194-255 | Backwards prism rotation from slow to fast | 棱镜反向旋转时从慢到快 |
| | | 18 | | Right Rotating Prism indexing Fine | |
| | | | 0-255 | Fine indexing | 棱镜旋转定位微动 |
| 13 | 13 | 19 | | Left Shutter, strobe: | |
| | | | 0-31 | Shutter closed | 关闭 |
| | | | 32-63 | No function (shutter open) | 打开光 |
| | | | 64-95 | Strobe effect slow to fast | 同步频闪从慢到快 |
| | | | 96-127 | No function (shutter open) | 打开光 |
| | | | 128-159 | Pulse-effect in sequences | 脉冲同步频闪 |
| | | | 160-191 | No function (shutter open) | 打开光 |
| | | | 192-223 | Random strobe effect slow to fast | 异步频闪从慢到快 |
| | | | 224-255 | No function (shutter open) | 打开光 |
| 14 | 14 | 20 | | Left Dimmer intensity: | |
| | | | 0-255 | Intensity 0 to 100% | 调光从0到100% |
| | | 21 | | Left Fine Dimmer intensity: | |
| | | | 0-255 | Dimmer intensity fine | 调光微动 |
| 15 | 15 | 22 | | Right Shutter, strobe: | |
| | | | 0-31 | Shutter closed | 关闭 |
| | | | 32-63 | No function (shutter open) | 打开光 |
| | | | 64-95 | Strobe effect slow to fast | 同步频闪从慢到快 |
| | | | 96-127 | No function (shutter open) | 打开光 |
| | | | 128-159 | Pulse-effect in sequences | 脉冲同步频闪 |
| | | | 160-191 | No function (shutter open) | 打开光 |
| | | | 192-223 | Random strobe effect slow to fast | 异步频闪从慢到快 |
| | | | 224-255 | No function (shutter open) | 打开光 |
| 16 | 16 | 23 | | Right Dimmer intensity: | |
| | | | 0-255 | Intensity 0 to 100% | 调光从0到100% |
| | | 24 | | Right Fine Dimmer intensity: | |
| | | | 0-255 | Dimmer intensity fine | 调光微动 |
| 17 | 17 | 25 | | Tilt localization model select: | 垂直运行模式 |
| | | | 0-79 | Two TilTs movement separately | 两个垂直灯头独立运行 |
| | | | 80-159 | Two TilTs as a whole to movement | 两个垂直灯头作为一个整体来运行与旋转 |
| | | | 160-255 | TilTs free location and as a whole to movement | 两个垂直灯头自由定位并整体旋转 |
| 18 | 18 | 26 | | Pan Motor continuous rotation | |
| | | | 0-127 | no function | 无效 |
| | | | 128-189 | Forwards Pan rotation from fast to slow | 水平旋转顺时针从快到慢 |
| | | | 190-193 | No rotation | 水平旋转停 |
| | | | 194-255 | Backwards Pan rotation from slow to fast | 水平反向旋转时从慢到快 |
| 19 | 19 | 27 | | Left Tilt Motor continuous rotation | |
| | | | 0-127 | no function | 无效 |
| | | | 128-189 | Forwards Tilt rotation from fast to slow | 垂直旋转顺时针从快到慢 |
| | | | 190-193 | No rotation | 垂直旋转停 |
| | | | 194-255 | Backwards Tilt rotation from slow to fast | 垂直反向旋转时从慢到快 |
| 20 | 20 | 28 | | Right Tilt Motor continuous rotation | |
| | | | 0-127 | no function | 无效 |
| | | | 128-189 | Forwards Tilt rotation from fast to slow | 垂直旋转顺时针从快到慢 |
| | | | 190-193 | No rotation | 垂直旋转停 |
| | | | 194-255 | Backwards Tilt rotation from slow to fast | 垂直反向旋转时从慢到快 |
| | | | | Lamp on/off, reset, internal programs: | |
| | | | 0-19 | colour change normal | 控台控制颜色单色改变 |
| | | | 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 |

| | | | | | |
|----|----|----|---------|-------------------------------------|----------------------|
| 21 | 21 | 29 | 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3秒后所有电机重设 |
| | | | 85-87 | Scan motor reset | 等待3秒后扫描电机重设 |
| | | | 88-90 | Colors motor reset | 等待3秒后所有颜色电机重设 |
| | | | 91-93 | Gobo motor reset | 等待3秒后图案电机重设 |
| | | | 94-96 | Shutter & Dimmer motor reset | 等待3秒后所有频闪电机重设 |
| | | | 97-99 | Other motor reset | 等待3秒后其他电机重设 |
| | | | 100-119 | Internal program 1 | 内置程序1 |
| | | | 120-139 | Internal program 2 | 内置程序2 |
| | | | 140-159 | Internal program 3 | 内置程序3 |
| | | | 160-179 | Internal program 4 | 内置程序4 |
| | | | 180-199 | Internal program 5 | 内置程序5 |
| | | | 200-219 | Internal program 6 | 内置程序6 |
| | | | 220-239 | Internal program 7 | 内置程序7 |
| | | | 240-255 | Auto program by music | 声音控制 |
| 22 | | 30 | | <u>Pan Fine 16bit</u> | |
| | | | 0-255 | Fine control of Pan movement | 水平扫描微动 |
| 23 | | 31 | | <u>Left Tilt Fine 16bit</u> | |
| | | | 0-255 | Left Fine control of Tilt movement | 左垂直扫描微动（整体运行的垂直扫描微动） |
| 24 | | 32 | | <u>Right Tilt Fine 16bit</u> | |
| | | | 0-255 | Right Fine control of Tilt movement | 右垂直扫描微动 |