

## DMX Values

### 18Ch

| Channel | Function                                         | Value                                                                                                                                                                                                                     | Percent/Setting                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Dimmer                                           | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 2       | Dimmer fine                                      | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 3       | Red                                              | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 4       | Red fine                                         | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 5       | Green                                            | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 6       | Green fine                                       | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 7       | Blue                                             | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 8       | Blue fine                                        | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 9       | Amber                                            | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 10      | Amber fine                                       | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 11      | Lime                                             | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 12      | Lime fine                                        | 000 ⇔ 255                                                                                                                                                                                                                 | 0–100%                                                                                                                                                                                                                                                                                                               |
| 13      | Strobe                                           | 000 ⇔ 010<br>011 ⇔ 255                                                                                                                                                                                                    | No function<br>Strobe, slow to fast                                                                                                                                                                                                                                                                                  |
| 14      | Virtual color wheel                              | 000 ⇔ 255                                                                                                                                                                                                                 | Refer to <a href="#">Virtual Color Wheel Chart</a>                                                                                                                                                                                                                                                                   |
| 15      | Color temperature                                | 000 ⇔ 255                                                                                                                                                                                                                 | Refer to <a href="#">Color Temperature Chart</a>                                                                                                                                                                                                                                                                     |
| 16      | Zoom                                             | 000 ⇔ 255                                                                                                                                                                                                                 | Narrow to wide                                                                                                                                                                                                                                                                                                       |
| 17      | Motor reset                                      | 000 ⇔ 200<br>201 ⇔ 220<br>221 ⇔ 255                                                                                                                                                                                       | No function<br>Motor reset<br>No function                                                                                                                                                                                                                                                                            |
| 18      | Control<br>(Hold for 3 seconds,<br>then release) | 000 ⇔ 007<br>008 ⇔ 015<br>016 ⇔ 023<br>024 ⇔ 031<br>032 ⇔ 039<br>040 ⇔ 047<br>048 ⇔ 055<br>056 ⇔ 063<br>064 ⇔ 071<br>072 ⇔ 079<br>080 ⇔ 087<br>088 ⇔ 095<br>096 ⇔ 103<br>104 ⇔ 111<br>112 ⇔ 119<br>120 ⇔ 127<br>128 ⇔ 255 | No function<br>Dimmer reset<br>Red shift on<br>Red shift off<br>Dimmer: S-Curve<br>Dimmer: linear<br>Dimmer: square<br>Dimmer: inverse square<br>Dimmer speed mode off<br>Dimmer speed mode 1<br>Dimmer speed mode 2<br>Dimmer speed mode 3<br>Fan auto<br>Fan on<br>Fan off<br>Fan silent<br>No function (reserved) |

### 14Ch

| Channel | Function            | Value                  | Percent/Setting                                    |
|---------|---------------------|------------------------|----------------------------------------------------|
| 1       | Dimmer              | 000 ⇔ 255              | 0–100%                                             |
| 2       | Red                 | 000 ⇔ 255              | 0–100%                                             |
| 3       | Green               | 000 ⇔ 255              | 0–100%                                             |
| 4       | Blue                | 000 ⇔ 255              | 0–100%                                             |
| 5       | Amber               | 000 ⇔ 255              | 0–100%                                             |
| 6       | Lime                | 000 ⇔ 255              | 0–100%                                             |
| 7       | Strobe              | 000 ⇔ 010<br>011 ⇔ 255 | No function<br>Strobe, slow to fast                |
| 8       | Virtual color wheel | 000 ⇔ 255              | Refer to <a href="#">Virtual Color Wheel Chart</a> |
| 9       | Color temperature   | 000 ⇔ 255              | Refer to <a href="#">Color Temperature Chart</a>   |

| Channel | Function                        | Value     | Percent/Setting          |
|---------|---------------------------------|-----------|--------------------------|
| 10      | Auto programs                   | 000 ⇄ 010 | No function              |
|         |                                 | 011 ⇄ 060 | Auto program 1           |
|         |                                 | 061 ⇄ 110 | Auto program 2           |
|         |                                 | 111 ⇄ 160 | Auto program 3           |
|         |                                 | 161 ⇄ 210 | Auto program 4           |
|         |                                 | 211 ⇄ 255 | Auto program 5           |
| 11      | Auto speed                      | 000 ⇄ 255 | Auto speed, slow to fast |
| 12      | Control<br>(Hold for 3 seconds) | 000 ⇄ 007 | No function              |
|         |                                 | 008 ⇄ 015 | Dimmer reset             |
|         |                                 | 016 ⇄ 023 | Red Shift: On            |
|         |                                 | 024 ⇄ 031 | Red Shift: Off           |
|         |                                 | 032 ⇄ 039 | Dimmer: S-Curve          |
|         |                                 | 040 ⇄ 047 | Dimmer: linear           |
|         |                                 | 048 ⇄ 055 | Dimmer: square           |
|         |                                 | 056 ⇄ 063 | Dimmer: inverse square   |
|         |                                 | 064 ⇄ 071 | Dimmer speed mode off    |
|         |                                 | 072 ⇄ 079 | Dimmer speed mode 1      |
|         |                                 | 080 ⇄ 087 | Dimmer speed mode 2      |
|         |                                 | 088 ⇄ 095 | Dimmer speed mode 3      |
|         |                                 | 096 ⇄ 103 | Fan auto                 |
|         |                                 | 104 ⇄ 111 | Fan on                   |
|         |                                 | 112 ⇄ 119 | Fan off                  |
|         |                                 | 120 ⇄ 127 | Fan silent               |
|         |                                 | 128 ⇄ 255 | No function (reserved)   |
| 13      | Zoom                            | 000 ⇄ 255 | Narrow to wide           |
| 14      | Motor reset                     | 000 ⇄ 200 | No function              |
|         |                                 | 201 ⇄ 220 | Motor reset              |
|         |                                 | 221 ⇄ 255 | No function              |

### 13Ch

| Channel | Function    | Value     | Percent/Setting      |
|---------|-------------|-----------|----------------------|
| 1       | Dimmer      | 000 ⇄ 255 | 0–100%               |
| 2       | Dimmer fine | 000 ⇄ 255 | 0–100%               |
| 3       | Red         | 000 ⇄ 255 | 0–100%               |
| 4       | Red fine    | 000 ⇄ 255 | 0–100%               |
| 5       | Green       | 000 ⇄ 255 | 0–100%               |
| 6       | Green fine  | 000 ⇄ 255 | 0–100%               |
| 7       | Blue        | 000 ⇄ 255 | 0–100%               |
| 8       | Blue fine   | 000 ⇄ 255 | 0–100%               |
| 9       | Amber       | 000 ⇄ 255 | 0–100%               |
| 10      | Amber fine  | 000 ⇄ 255 | 0–100%               |
| 11      | Lime        | 000 ⇄ 255 | 0–100%               |
| 12      | Lime fine   | 000 ⇄ 255 | 0–100%               |
| 13      | Strobe      | 000 ⇄ 010 | No function          |
|         |             | 011 ⇄ 255 | Strobe, slow to fast |

### 11Ch

| Channel | Function            | Value                  | Percent/Setting                                    |
|---------|---------------------|------------------------|----------------------------------------------------|
| 1       | Dimmer              | 000 ⇄ 255              | 0–100%                                             |
| 2       | Dimmer fine         | 000 ⇄ 255              | 0–100%                                             |
| 3       | Red                 | 000 ⇄ 255              | 0–100%                                             |
| 4       | Green               | 000 ⇄ 255              | 0–100%                                             |
| 5       | Blue                | 000 ⇄ 255              | 0–100%                                             |
| 6       | Amber               | 000 ⇄ 255              | 0–100%                                             |
| 7       | Lime                | 000 ⇄ 255              | 0–100%                                             |
| 8       | Strobe              | 000 ⇄ 010<br>011 ⇄ 255 | No function<br>Strobe, slow to fast                |
| 9       | Virtual color wheel | 000 ⇄ 255              | Refer to <a href="#">Virtual Color Wheel Chart</a> |
| 10      | Color temperature   | 000 ⇄ 255              | Refer to <a href="#">Color Temperature Chart</a>   |
| 11      | Zoom                | 000 ⇄ 255              | Narrow to wide                                     |

### 7Ch

| Channel | Function | Value                  | Percent/Setting                     |
|---------|----------|------------------------|-------------------------------------|
| 1       | Dimmer   | 000 ⇄ 255              | 0–100%                              |
| 2       | Red      | 000 ⇄ 255              | 0–100%                              |
| 3       | Green    | 000 ⇄ 255              | 0–100%                              |
| 4       | Blue     | 000 ⇄ 255              | 0–100%                              |
| 5       | Amber    | 000 ⇄ 255              | 0–100%                              |
| 6       | Lime     | 000 ⇄ 255              | 0–100%                              |
| 7       | Strobe   | 000 ⇄ 010<br>011 ⇄ 255 | No function<br>Strobe, slow to fast |

### 5Ch

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 1       | Red      | 000 ⇄ 255 | 0–100%          |
| 2       | Green    | 000 ⇄ 255 | 0–100%          |
| 3       | Blue     | 000 ⇄ 255 | 0–100%          |
| 4       | Amber    | 000 ⇄ 255 | 0–100%          |
| 5       | Lime     | 000 ⇄ 255 | 0–100%          |

### 3Ch

| Channel | Function            | Value     | Percent/Setting                                    |
|---------|---------------------|-----------|----------------------------------------------------|
| 1       | Dimmer              | 000 ⇄ 255 | 0–100%                                             |
| 2       | Virtual color wheel | 000 ⇄ 255 | Refer to <a href="#">Virtual Color Wheel Chart</a> |
| 3       | Color temperature   | 000 ⇄ 255 | Refer to <a href="#">Color Temperature Chart</a>   |

### 1Ch

| Channel | Function | Value     | Percent/Setting                 |
|---------|----------|-----------|---------------------------------|
| 1       | Dimmer   | 000 ⇄ 255 | 0–100% (color set through menu) |

### HSV

| Channel | Function   | Value     | Percent/Setting |
|---------|------------|-----------|-----------------|
| 1       | Hue        | 000 ⇄ 255 | 0–100%          |
| 2       | Saturation | 000 ⇄ 255 | 0–100%          |
| 3       | Value      | 000 ⇄ 255 | 0–100%          |

## Virtual Color Wheel Chart

| DMX Channel Value | Display Readout      | Red Value | Green Value | Blue Value | Amber Value | Lime Value |
|-------------------|----------------------|-----------|-------------|------------|-------------|------------|
| 000 ⇄ 005         | --                   | 000       | 000         | 000        | 000         | 000        |
| 006 ⇄ 013         | C3050 - Md Yellow    | 233       | 163         | 020        | 123         | 255        |
| 014 ⇄ 021         | C3040 - Lt Yellow    | 224       | 158         | 047        | 255         | 231        |
| 022 ⇄ 028         | C3240 - Amb Yellow   | 180       | 060         | 000        | 245         | 255        |
| 029 ⇄ 035         | C2340 - VLt Amber    | 245       | 107         | 081        | 255         | 213        |
| 036 ⇄ 043         | C2040 - Lt Amber     | 230       | 130         | 062        | 255         | 155        |
| 044 ⇄ 051         | C2050 - Md Amber     | 255       | 000         | 025        | 255         | 194        |
| 052 ⇄ 059         | C2060 - Dk Amber     | 255       | 000         | 024        | 255         | 150        |
| 060 ⇄ 067         | C1050 - Lt Red       | 255       | 037         | 027        | 030         | 038        |
| 068 ⇄ 075         | C1080 - Md Red       | 255       | 004         | 017        | 000         | 000        |
| 076 ⇄ 083         | C1020 - NC Pink      | 238       | 135         | 129        | 255         | 255        |
| 084 ⇄ 091         | C1030 - Md Pink      | 255       | 131         | 120        | 255         | 195        |
| 092 ⇄ 099         | C1630 - Dk Pink      | 255       | 165         | 123        | 255         | 210        |
| 100 ⇄ 107         | C1250 - Md Red Amber | 255       | 000         | 041        | 195         | 055        |
| 108 ⇄ 115         | C1060 - Dk Red Amber | 255       | 000         | 045        | 120         | 030        |
| 116 ⇄ 121         | C1650 - Magenta      | 255       | 050         | 115        | 255         | 115        |
| 122 ⇄ 130         | C6170 - Dk Magenta   | 255       | 035         | 117        | 000         | 000        |
| 131 ⇄ 138         | C6020 - Lt Lavender  | 127       | 122         | 142        | 251         | 255        |
| 139 ⇄ 146         | C5030 - Lt Blue      | 000       | 255         | 197        | 100         | 255        |
| 147 ⇄ 154         | C5020 - VLt Blue     | 158       | 255         | 189        | 000         | 255        |
| 155 ⇄ 162         | C5430 - Lt Blue 2    | 000       | 255         | 180        | 000         | 243        |
| 163 ⇄ 170         | C5070 - Blue         | 043       | 255         | 210        | 043         | 036        |
| 171 ⇄ 178         | C5050 - Md Blue      | 000       | 255         | 218        | 000         | 181        |
| 179 ⇄ 186         | C5060 - Dk Blue      | 000       | 210         | 206        | 000         | 118        |
| 187 ⇄ 194         | C5690 - Indigo       | 065       | 000         | 210        | 040         | 055        |
| 195 ⇄ 202         | C5080 - VDk Blue     | 000       | 203         | 230        | 000         | 040        |
| 203 ⇄ 210         | C5081 - VDk Blue2    | 040       | 199         | 240        | 000         | 045        |
| 211 ⇄ 218         | C4370 - Yel Green    | 027       | 255         | 028        | 016         | 104        |
| 219 ⇄ 226         | C4070 - Green        | 049       | 255         | 055        | 120         | 090        |
| 227 ⇄ 234         | C4550 - Turquoise    | 060       | 230         | 109        | 000         | 245        |
| 235 ⇄ 242         | C4560 - Aqua         | 020       | 240         | 126        | 036         | 255        |
| 243 ⇄ 250         | C4570 - Blue Green   | 000       | 255         | 079        | 030         | 053        |
| 251 ⇄ 255         | --                   | 000       | 000         | 000        | 000         | 000        |

## Color Temperature Chart

| DMX Channel Value | Display Readout | Red Value | Green Value | Blue Value | Amber Value | Lime Value |
|-------------------|-----------------|-----------|-------------|------------|-------------|------------|
| 000 ⇄ 005         | --              | 000       | 000         | 000        | 000         | 000        |
| 006 ⇄ 025         | 2800K           | 198       | 065         | 056        | 220         | 230        |
| 026 ⇄ 050         | 3000K           | 181       | 078         | 074        | 220         | 230        |
| 051 ⇄ 075         | 3200K           | 165       | 092         | 093        | 220         | 230        |
| 076 ⇄ 100         | 3500K           | 153       | 128         | 111        | 220         | 230        |
| 101 ⇄ 125         | 4000K           | 127       | 128         | 163        | 220         | 230        |
| 126 ⇄ 150         | 4500K           | 106       | 128         | 200        | 220         | 230        |
| 151 ⇄ 175         | 5000K           | 092       | 128         | 230        | 220         | 230        |
| 176 ⇄ 200         | 5600K           | 073       | 128         | 255        | 220         | 230        |
| 201 ⇄ 225         | 6000K           | 048       | 128         | 255        | 220         | 230        |
| 226 ⇄ 250         | 6500K           | 019       | 128         | 255        | 220         | 230        |
| 251 ⇄ 255         | --              | 000       | 000         | 000        | 000         | 000        |