

# Strike V

## User Manual



**Guangzhou Mitek Light Co.,LTD**

Email: [info@miteklight.com](mailto:info@miteklight.com)

Website: [www.miteklight.com](http://www.miteklight.com)

Add: No. 21 Dongfeng Avenue, Automobile Industry Base, Huadu District, Guangzhou

## TECHNICAL PARAMETERS

### Light source

Power Voltage: AC 100-240V,50/60Hz

Power Consumption: 1000W

Light Sources: TX high quality 4in1 RGBW 5060 40W\*24pcs +  
24pcs\*6W RGBW 4in1 LEDs

Pixel matrix: Main LED and Auxiliary LED both can be control individually

Light source life: 50000 hours

### Optical

CRI: Ra≥80

Color Temperature: 2800-8000K

Beam Angle: Main LED 12°

Main LED with E-frost 48°

Auxiliary LED 110°

Auxiliary LED with E-frost 106°

Combined 12°

Combined with E-frost 50°

### Controls

DMX Channel: 314/222/29/30/288/240/192/144/144/120/96/72

Protocol: Art-Net, DMX-512, RDM

Display: Illuminated graphic LCD

RDM: Bidirectional communication

DMX In/Out socket: Seetronic 3-pin XLR waterproof in/out

Power Socket: Seetronic Waterproof powercon in/out

Art-Net: Seetronic waterproof Art-net in/out

### Effect

Dimmer: 0-100% linear dimmer

Strobe: 0.5-25 times/second and random strobe

### Construction

Cooling: Temperature controlled, overheating protection

Housing: Die-casting aluminum body housing

Protection Rating: IP65

### Weight&Dimension

Product Size:404\*202\*350MM

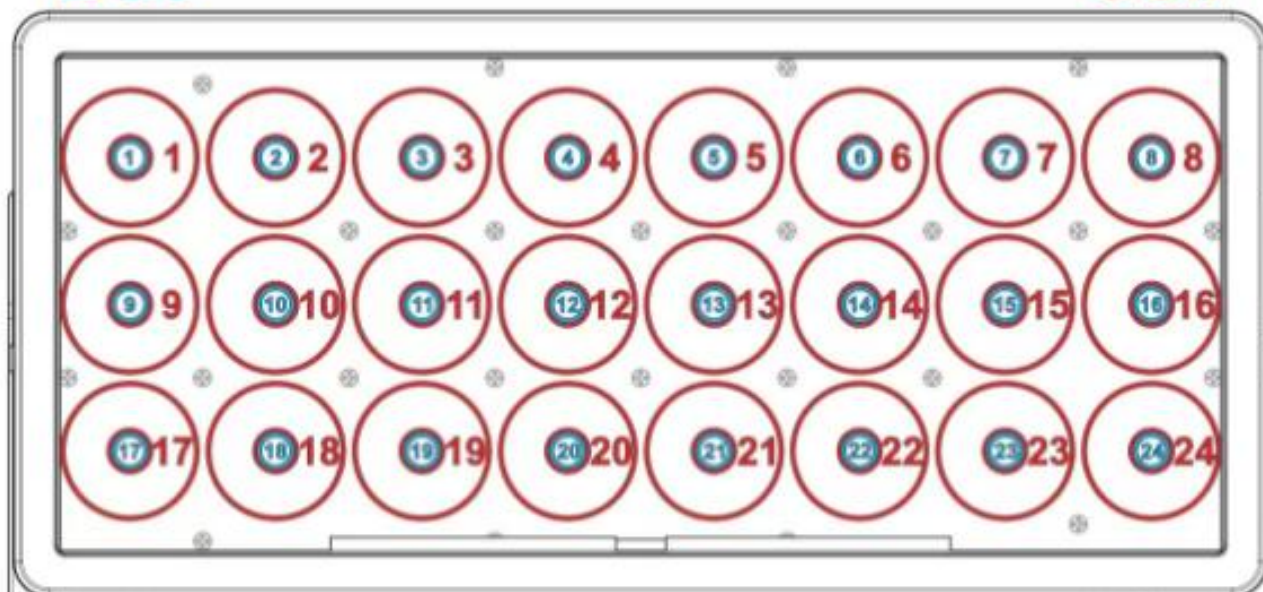
Weight: 15Kgs

Packing Size Carton: 490\*240\*420MM

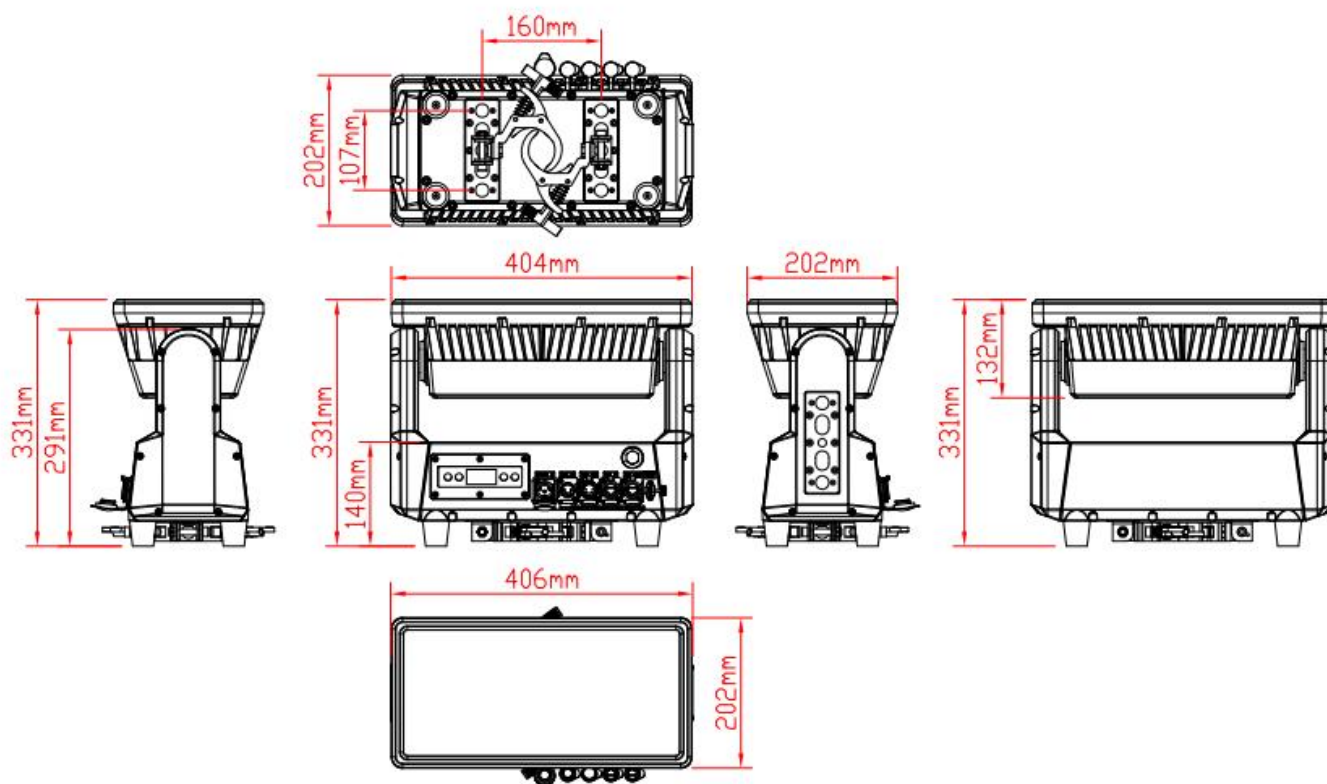
Packing Weight:16.5Kgs

Dot

Cell



## SIZE DRAWING



## STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

### 1.Safety Instruction

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.

Be sure that no ventilation slots are blocked.

Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is  $T_a: 40^{\circ}\text{C}$ . DO NOT operate it where the temperature is higher than this  
Unit surface temperature may reach up to  $85^{\circ}\text{C}$ . DO NOT touch the housing bare-hand during its operation.  
Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

#### WARNING:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.  
DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

#### CAUTION:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

#### INSTALLATION:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

## How to Control The Devicee

The DMX512 is widely used in intelligent lighting control,with a DMX 512 controller.connect several lights together,dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

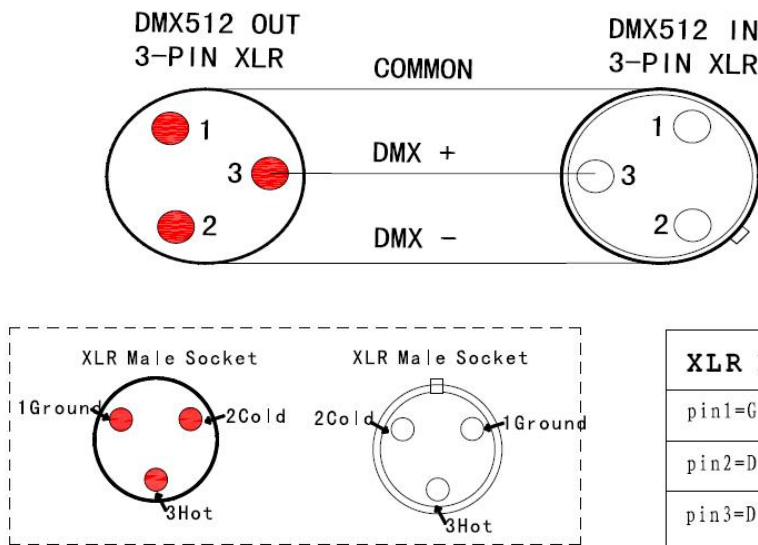


Figure2

### Display:

- MENU To select the programming functions
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions
- ENTER To confirm the selected functions

### Set DMX Address Code

1. Press "**Menu**" to "Set DMX Address",and press "**ENTER**" keys to enter into
2. Show "Set DMX Address DMX Address:001",Press the "**UP** and **DOWN**" keys to amended
- 3 Press "**ENTER**" keys to save and Exit,Press the "**MENU**" Keys does not save and Exit
- 4 Functions setting via OLED touch display panel as below:



| Main Level  | Programming Levels  |              |                                                                      |                                                                     | Description                                                                       |
|-------------|---------------------|--------------|----------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Protocol    | Single–Movement     | DMX512       |                                                                      | Sets the control protocol for single control or movement control    |                                                                                   |
|             |                     | Artnet       |                                                                      |                                                                     |                                                                                   |
|             |                     | sACN         |                                                                      |                                                                     |                                                                                   |
|             | Dual Pixels         | DMX512       |                                                                      | Sets the control protocol for pixel control in dual mode            |                                                                                   |
|             |                     | Artnet       |                                                                      |                                                                     |                                                                                   |
|             |                     | sACN         |                                                                      |                                                                     |                                                                                   |
|             | Multi-Layer         | Dot Pixels   | Artnet                                                               | Sets the control protocol for dot pixel control in multi-layer mode |                                                                                   |
|             |                     |              | sACN                                                                 |                                                                     |                                                                                   |
| Cell Pixels |                     | Artnet       | Sets the control protocol for cell pixel control in multi-layer mode |                                                                     |                                                                                   |
|             |                     | sACN         |                                                                      |                                                                     |                                                                                   |
| DMX Address | Single–Movement     | 001–484      |                                                                      | Sets the DMX starting addresses                                     |                                                                                   |
|             | Dual Pixels         | 001–369      |                                                                      |                                                                     |                                                                                   |
|             | Multi-Layer         | Dot Pixels   | 001–441                                                              |                                                                     |                                                                                   |
|             |                     | Cell Pixels  |                                                                      |                                                                     |                                                                                   |
| DMX Channel | Single Control      | 29CH         |                                                                      | Sets a single control personality                                   |                                                                                   |
|             |                     | 222CH        |                                                                      |                                                                     |                                                                                   |
|             |                     | 314CH        |                                                                      |                                                                     |                                                                                   |
|             | Dual Control        | Movement     | 30CH                                                                 |                                                                     | Confirms the movement control personality                                         |
|             |                     | Pixels       | 144CH                                                                |                                                                     | Sets the pixel control personality in dual mode                                   |
|             |                     |              | 192CH                                                                |                                                                     |                                                                                   |
|             |                     |              | 240CH                                                                |                                                                     |                                                                                   |
|             |                     |              | 288CH                                                                |                                                                     |                                                                                   |
|             | Multi-Layer Control | Movement     | 30CH                                                                 |                                                                     | Confirms the movement control personality                                         |
|             |                     | Pixels       | 72CH+ 72CH                                                           |                                                                     | Sets the combination of dot+ cell pixel control personalities in multi-layer mode |
|             |                     |              | 72CH+ 96CH                                                           |                                                                     |                                                                                   |
|             |                     |              | 96CH+ 72CH                                                           |                                                                     |                                                                                   |
|             |                     |              | 96CH+ 96CH                                                           |                                                                     |                                                                                   |
|             |                     |              | 120CH+ 120CH                                                         |                                                                     |                                                                                   |
|             |                     |              | 120CH+ 144CH                                                         |                                                                     |                                                                                   |
|             |                     |              | 144CH+ 120CH                                                         |                                                                     |                                                                                   |
|             |                     | 144CH+ 144CH |                                                                      |                                                                     |                                                                                   |
| Static      | Fixed Color         | Fixed Dot    | R                                                                    | GW                                                                  | Sets a static dot color                                                           |
|             |                     |              | G                                                                    | BW                                                                  |                                                                                   |
|             |                     |              | B                                                                    | RGB                                                                 |                                                                                   |
|             |                     |              | W                                                                    | RGW                                                                 |                                                                                   |
|             |                     |              | RG                                                                   | RBW                                                                 |                                                                                   |
|             |                     |              | RB                                                                   | GBW                                                                 |                                                                                   |
|             |                     |              | RW                                                                   | RGBW                                                                |                                                                                   |
|             |                     |              | GB                                                                   |                                                                     |                                                                                   |
|             |                     | Fixed Cell   | R                                                                    | GW                                                                  | Sets a static cell color                                                          |
|             |                     |              | G                                                                    | BW                                                                  |                                                                                   |
|             |                     |              | B                                                                    | RGB                                                                 |                                                                                   |
|             |                     |              | W                                                                    | RGW                                                                 |                                                                                   |
|             |                     |              | RG                                                                   | RBW                                                                 |                                                                                   |
|             |                     |              |                                                                      |                                                                     |                                                                                   |
|             |                     |              |                                                                      |                                                                     |                                                                                   |
|             |                     |              |                                                                      |                                                                     |                                                                                   |

| Main Level        | Programming Levels     |                       |                           |           | Description                                                    |
|-------------------|------------------------|-----------------------|---------------------------|-----------|----------------------------------------------------------------|
| Static<br>(cont.) | Fixed Color<br>(cont.) | Fixed Cell<br>(cont.) | RB                        | GBW       | Sets a static cell color                                       |
|                   |                        |                       | RW                        | RGBW      |                                                                |
|                   |                        |                       | GB                        |           |                                                                |
|                   | Manual Color Mixer     | Dot Mixer             | Red                       | <000–255> | Combine red, green, blue, and white to mix a custom dot color  |
|                   |                        |                       | Green                     |           |                                                                |
|                   |                        |                       | Blue                      |           |                                                                |
|                   |                        |                       | White                     |           |                                                                |
|                   |                        | Cell Mixer            | Red                       | <000–255> | Combine red, green, blue, and white to mix a custom cell color |
|                   |                        |                       | Green                     |           |                                                                |
|                   |                        |                       | Blue                      |           |                                                                |
|                   |                        |                       | White                     |           |                                                                |
|                   | Flash Settings         | Dot Flash             | Flash Duration            | 000–255   | Set the dot strobe length                                      |
|                   |                        |                       | Flash Rate                |           | Set the dot strobe speed                                       |
|                   |                        | Cell Flash            | Flash Duration            | 000–255   | Set the cell strobe length                                     |
|                   |                        |                       | Flash Rate                |           | Set the cell strobe speed                                      |
|                   | Intensity Settings     | Dot Intensity         |                           | 000–255   | Set the dot dimmer level                                       |
|                   |                        | Cell Intensity        |                           |           | Set the cell dimmer level                                      |
| Effect Macros     | Dot Effect Macros      | Color Chase           |                           | <001–255> | Set a dot effect macro and speed                               |
|                   |                        | Police Car            |                           |           |                                                                |
|                   |                        | Firetruck             |                           |           |                                                                |
|                   |                        | Fire                  |                           |           |                                                                |
|                   |                        | Clouds                |                           |           |                                                                |
|                   |                        | Fireworks             |                           |           |                                                                |
|                   |                        | Paparazzi             |                           |           |                                                                |
|                   |                        | Lightning             |                           |           |                                                                |
|                   | Cell Effect Macros     | Color Chase           |                           | <001–255> | Set a cell effect macro and speed                              |
|                   |                        | Police Car            |                           |           |                                                                |
|                   |                        | Firetruck             |                           |           |                                                                |
|                   |                        | Fire                  |                           |           |                                                                |
|                   |                        | Clouds                |                           |           |                                                                |
|                   |                        | Fireworks             |                           |           |                                                                |
|                   |                        | Paparazzi             |                           |           |                                                                |
|                   |                        | Lightning             |                           |           |                                                                |
| Frost             | 000–255                |                       |                           |           | Set the e-frost level                                          |
| Tilt Settings     | Tilt                   | 000–255               |                           |           | Set the tilt level                                             |
|                   | Tilt Offset            | 000–255               |                           |           | Set the tilt offset                                            |
|                   | Tilt Invert            | No                    |                           |           | Normal tilt direction                                          |
|                   |                        | Yes                   |                           |           | Inverted tilt direction                                        |
|                   | Tilt Disable           | No                    |                           |           | Enables tilt                                                   |
|                   |                        | Yes                   |                           |           | Disables tilt                                                  |
|                   | Tilt Legacy            | No                    |                           |           | STRIKE V tilt speed                                            |
| Yes               |                        |                       | Color STRIKE M tilt speed |           |                                                                |
| Master/<br>Slave  | Master                 |                       |                           |           | DMX mode (master)                                              |
|                   | Slave                  |                       |                           |           | Slave mode                                                     |

| Main Level   | Programming Levels |                |           | Description                                                      |
|--------------|--------------------|----------------|-----------|------------------------------------------------------------------|
| Dmx Loss     | Hold Last          |                |           | Fixture's last signal received                                   |
|              | Blackout           |                |           | Blacks out fixture                                               |
| Test         | Auto Test          |                |           | Auto test all functions                                          |
|              | Manual Test        | Tilt           | <000–255> | Manually control and test all settings through the control panel |
|              |                    | Tilt Fine      |           |                                                                  |
|              |                    | Frost          |           |                                                                  |
|              |                    | Dot Dim        |           |                                                                  |
|              |                    | Dot Dim Fine   |           |                                                                  |
|              |                    | Cell Dim       |           |                                                                  |
|              |                    | Cell Dim Fine  |           |                                                                  |
|              |                    | Dot Flash Dur  |           |                                                                  |
|              |                    | Dot Flash Rate |           |                                                                  |
|              |                    | Cell Flash Du  |           |                                                                  |
|              |                    | Cell Flash Ra  |           |                                                                  |
|              |                    | Dot Strobe Ef  |           |                                                                  |
|              |                    | Cell Strobe E  |           |                                                                  |
|              |                    | CTC            |           |                                                                  |
|              |                    | Dot FX Select  |           |                                                                  |
|              |                    | Dot S & Dir    |           |                                                                  |
|              |                    | Dot FX Cross   |           |                                                                  |
|              |                    | Cell FX Selec  |           |                                                                  |
|              |                    | Cell S & Dir   |           |                                                                  |
|              |                    | Cell FX Cross  |           |                                                                  |
|              |                    | Control        |           |                                                                  |
|              |                    | Dot Red        |           |                                                                  |
|              |                    | Dot Green      |           |                                                                  |
|              |                    | Dot Blue       |           |                                                                  |
|              |                    | Dot White      |           |                                                                  |
|              |                    | Cell R         |           |                                                                  |
|              |                    | Cell Green     |           |                                                                  |
|              |                    | Cell Blue      |           |                                                                  |
|              | Cell White         |                |           |                                                                  |
| Dimmer Mode  | Off                |                |           | Sets the dimmer speed                                            |
|              | Dimmer 1–3         |                |           |                                                                  |
| Dimmer Curve | Linear             |                |           | Sets the dimmer curve                                            |
|              | Square             |                |           |                                                                  |
|              | Inverse Square     |                |           |                                                                  |
|              | S–Curve            |                |           |                                                                  |



| Main Level        | Programming Levels  |                         |                         |           | Description                                                   |
|-------------------|---------------------|-------------------------|-------------------------|-----------|---------------------------------------------------------------|
| Color Calibration | Off                 |                         |                         |           | Uses exact LED values                                         |
|                   | User Calibration    | Dot Calibration         | Red                     | <125–255> | Sets the red dot LED maximum value                            |
|                   |                     |                         | Green                   |           | Sets the green dot LED maximum value                          |
|                   |                     |                         | Blue                    |           | Sets the blue dot LED maximum value                           |
|                   |                     |                         | White                   |           | Sets the white dot LED maximum value                          |
|                   |                     | Cell Calibration        | Red                     | <125–255> | Sets the red cell LED maximum value                           |
|                   |                     |                         | Green                   |           | Sets the green cell LED maximum value                         |
|                   |                     |                         | Blue                    |           | Sets the blue cell LED maximum value                          |
|                   |                     |                         | White                   |           | Sets the white cell LED maximum value                         |
|                   | Factory Calibration |                         |                         |           | Uses the factory-defined calibration                          |
| LED Frequency     | 1000Hz              |                         |                         |           | Sets the Pulse Width Modulation frequency                     |
|                   | 2000Hz              |                         |                         |           |                                                               |
|                   | 4000Hz              |                         |                         |           |                                                               |
|                   | 6000Hz              |                         |                         |           |                                                               |
|                   | 25KHz               |                         |                         |           |                                                               |
|                   | 64KHz               |                         |                         |           |                                                               |
| Pixel Invert      | Dot Invert          | No                      |                         |           | Normal dot direction                                          |
|                   |                     | Yes                     |                         |           | Inverted dot direction                                        |
|                   | Cell Invert         | No                      |                         |           | Normal cell direction                                         |
|                   |                     | Yes                     |                         |           | Inverted cell direction                                       |
| Fan Mode          | Auto                |                         |                         |           | Fan speed according to product temperature                    |
|                   | On                  |                         |                         |           | Fan always on                                                 |
|                   | Silent              |                         |                         |           | Fan always off                                                |
| Display Invert    | No                  |                         |                         |           | Normal display                                                |
|                   | Yes                 |                         |                         |           | Inverted display                                              |
| Key Lock          | On                  |                         |                         |           | Locks display (password: <UP>, <DOWN>, <UP>, <DOWN>, <ENTER>) |
|                   | Off                 |                         |                         |           |                                                               |
| Back Light        | 10S                 |                         |                         |           | Display turns off after 10 seconds                            |
|                   | 30S                 |                         |                         |           | Display turns off after 30 seconds                            |
|                   | 2Min                |                         |                         |           | Display turns off after 2 minutes                             |
|                   | Always On           |                         |                         |           | Display stays on                                              |
| Ethernet Setting  | IP Mode             | Manual                  |                         |           | Manually sets IP address                                      |
|                   |                     | DHCP                    |                         |           | Network sets IP address                                       |
|                   |                     | Static                  |                         |           | Product sets IP address                                       |
|                   | Artnet Universe     | Single–Movement         |                         | 000–255   | Sets the Art-Net™ universe                                    |
|                   |                     | Dual                    |                         | 000–255   |                                                               |
|                   |                     | Multi-Layer             | Dot Pixels              | 000–255   |                                                               |
|                   |                     |                         | Cell Pixels             | 000–255   |                                                               |
|                   | sACN Universe       | Single–Movement         |                         | 001–256   | Sets the sACN universe                                        |
|                   |                     | Dual                    |                         | 001–256   |                                                               |
|                   |                     | Multi-Layer             | Dot Pixels              | 001–256   |                                                               |
|                   |                     |                         | Cell Pixels             | 001–256   |                                                               |
|                   | IP Address          |                         | _ _ _ _ . _ _ _ . _ _ _ |           |                                                               |
| Subnet Mask       |                     | _ _ _ _ . _ _ _ . _ _ _ |                         |           | Sets Subnet Mask in manual mode                               |

| Main Level         | Programming Levels |                                                | Description                                                                               |
|--------------------|--------------------|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Information        | Fixture Hours:     | ____H                                          | Shows number of hours product has been powered on                                         |
|                    | Led Hours:         | ____H                                          | Shows total hours the LED has been powered on                                             |
|                    | DISP Ver:          | V0.0.23                                        | Shows display firmware version                                                            |
|                    | CTR1–Y Ver:        | V0.2                                           | Shows tilt driver firmware version                                                        |
|                    | CTR2–LEDA Ver:     | V0.4                                           | Shows LED driver A firmware version                                                       |
|                    | CTR3–LEDB Ver:     | V0.2                                           | Shows LED driver B firmware version                                                       |
|                    | UID:               | 21A40A_____                                    | Shows product UID                                                                         |
|                    | Temperature Max:   | __°C                                           | Shows highest current temperature in °C                                                   |
|                    | Temperature Dot:   | __°C                                           | Shows current dot temperature in °C                                                       |
|                    | Temperature Cell:  | __°C                                           | Shows current cell temperature in °C                                                      |
|                    | Temperature Base:  | 46°C                                           | Shows current base temperature in °C                                                      |
| Upgrade Firmware   | Only This Fixture  | _____.CHL                                      | Selects an update file for this product, or shows “No such file!”                         |
|                    |                    | ...                                            |                                                                                           |
|                    | Multiple Fixture   | _____.CHL                                      | Selects an update file for this and connected STRIKE V products, or shows “No such file!” |
|                    |                    | ...                                            |                                                                                           |
|                    | Other Fixture Type | _____.CHL                                      | Selects an update file for other connected products, or shows “No such file!”             |
|                    |                    | ...                                            |                                                                                           |
| Fixture To Fixture | Are you sure?      | Uploads current firmware to connected products |                                                                                           |
| Factory Reset      | No                 |                                                | Resets the product to factory default settings                                            |
|                    | Yes                |                                                |                                                                                           |

## DMX Channel Table

### DMX 512 314CHs Single Control

| CH | Function             | Value   | Percent/Setting                                |
|----|----------------------|---------|------------------------------------------------|
| 1  | Tilt                 | 000-255 | 0-100%                                         |
| 2  | Fine tilt            | 000-255 | 0-100%                                         |
| 3  | Tilt Speed           | 000-255 | Fast to slow                                   |
| 4  | E-frost              | 000-255 | 0-100%                                         |
| 5  | Dot strobe duration  | 000-009 | Classic shutter mode:disables duration control |
|    |                      | 010-250 | Short to long (7-650 ms)                       |
|    |                      | 251-255 | 100%On                                         |
| 6  | Dot strobe rate      | 000-009 | 100%On                                         |
|    |                      | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                      | 251-255 | 100%On                                         |
| 7  | Cell strobe duration | 000-009 | Classic shutter mode:disables duration control |
|    |                      | 010-250 | Short to long (7-650 ms)                       |

|    |                                   |         |                                |
|----|-----------------------------------|---------|--------------------------------|
|    |                                   | 251-255 | 100%On                         |
| 8  | Cell strobe rate                  | 000-009 | 100%On                         |
|    |                                   | 010-250 | Slow to fast (0.289-16.67 Hz)  |
|    |                                   | 251-255 | 100%On                         |
| 9  | Dot strobe effect                 | 000-005 | No function                    |
|    |                                   | 006-042 | Fade up, slow to fast          |
|    |                                   | 043-085 | Fade down, slow to fast        |
|    |                                   | 086-128 | Fade up and down, slow to fast |
|    |                                   | 129-171 | Random strobe, slow to fast    |
|    |                                   | 172-214 | Lighting strobe, slow to fast  |
|    |                                   | 215-255 | Spike strobe, slow to fast     |
| 10 | Cell strobe effect                | 000-005 | No function                    |
|    |                                   | 006-042 | Fade up, slow to fast          |
|    |                                   | 043-085 | Fade down, slow to fast        |
|    |                                   | 086-128 | Fade up and down, slow to fast |
|    |                                   | 129-171 | Random strobe, slow to fast    |
|    |                                   | 172-214 | Lighting strobe, slow to fast  |
|    |                                   | 215-255 | Spike strobe, slow to fast     |
| 11 | Color temperature                 | 000-255 | 2800-8000K                     |
| 12 | Dot foreground dimmer             | 000-255 | 0-100%                         |
| 13 | Dot foreground color              | 000-255 | See the color macro chart      |
| 14 | Dot background dimmer             | 000-255 | 0-100%                         |
| 15 | Dot background color              | 000-255 | See the color macro chart      |
| 16 | Dot FX macro                      | 000-255 | See the FX macro chart         |
| 17 | Dot FX macro direction and speed  | 000-005 | No function                    |
|    |                                   | 006-124 | Left to right, fast to slow    |
|    |                                   | 125-130 | No function                    |
|    |                                   | 131-249 | Right to left, slow to fast    |
|    |                                   | 250-255 | No function                    |
| 18 | Dot FX macro delay                | 000-002 | Snap                           |
|    |                                   | 003-255 | Fade short to long             |
| 19 | Cell foreground dimmer            | 000-255 | 0-100%                         |
| 20 | Cell foreground color             | 000-255 | See the color macro chart      |
| 21 | Cell background dimmer            | 000-255 | 0-100%                         |
| 22 | Cell background color             | 000-255 | See the color macro chart      |
| 23 | Cell FX macro                     | 000-255 | See the FX macro chart         |
| 24 | Cell FX macro direction and speed | 000-005 | No function                    |
|    |                                   | 006-124 | Left to right, fast to slow    |
|    |                                   | 125-130 | No function                    |
|    |                                   | 131-249 | Right to left, slow to fast    |
|    |                                   | 250-255 | No function                    |
| 25 | Dot FX macro delay                | 000-002 | Snap                           |
|    |                                   | 003-255 | Fade short to long             |
| 26 | Control(hold for 3seconds)        | 000-255 | See the control chart          |

|    |                   |         |        |
|----|-------------------|---------|--------|
| 27 | Dot 1 dimmer      | 000-255 | 0-100% |
| 28 | Dot 1 fine dimmer | 000-255 | 0-100% |
| 29 | Dot 1 red         | 000-255 | 0-100% |
| 30 | Dot 1 green       | 000-255 | 0-100% |
| 31 | Dot 1 blue        | 000-255 | 0-100% |
| 32 | Dot 1 white       | 000-255 | 0-100% |
| 33 | Dot 2 dimmer      | 000-255 | 0-100% |
| 34 | Dot 2 fine dimmer | 000-255 | 0-100% |
| 35 | Dot 2 red         | 000-255 | 0-100% |
| 36 | Dot 2 green       | 000-255 | 0-100% |
| 37 | Dot 2 blue        | 000-255 | 0-100% |
| 38 | Dot 2 white       | 000-255 | 0-100% |
| 39 | Dot 3 dimmer      | 000-255 | 0-100% |
| 40 | Dot 3 fine dimmer | 000-255 | 0-100% |
| 41 | Dot 3 red         | 000-255 | 0-100% |
| 42 | Dot 3 green       | 000-255 | 0-100% |
| 43 | Dot 3 blue        | 000-255 | 0-100% |
| 44 | Dot 3 white       | 000-255 | 0-100% |
| 45 | Dot 4 dimmer      | 000-255 | 0-100% |
| 46 | Dot 4 fine dimmer | 000-255 | 0-100% |
| 47 | Dot 4 red         | 000-255 | 0-100% |
| 48 | Dot 4 green       | 000-255 | 0-100% |
| 49 | Dot 4 blue        | 000-255 | 0-100% |
| 50 | Dot 4 white       | 000-255 | 0-100% |
| 51 | Dot 5 dimmer      | 000-255 | 0-100% |
| 52 | Dot 5 fine dimmer | 000-255 | 0-100% |
| 53 | Dot 5 red         | 000-255 | 0-100% |
| 54 | Dot 5 green       | 000-255 | 0-100% |
| 55 | Dot 5 blue        | 000-255 | 0-100% |
| 56 | Dot 5 white       | 000-255 | 0-100% |
| 57 | Dot 6 dimmer      | 000-255 | 0-100% |
| 58 | Dot 6 fine dimmer | 000-255 | 0-100% |
| 59 | Dot 6 red         | 000-255 | 0-100% |
| 60 | Dot 6 green       | 000-255 | 0-100% |
| 61 | Dot 6 blue        | 000-255 | 0-100% |
| 62 | Dot 6 white       | 000-255 | 0-100% |
| 63 | Dot 7 dimmer      | 000-255 | 0-100% |
| 64 | Dot 7 fine dimmer | 000-255 | 0-100% |
| 65 | Dot 7 red         | 000-255 | 0-100% |
| 66 | Dot 7 green       | 000-255 | 0-100% |
| 67 | Dot 7 blue        | 000-255 | 0-100% |
| 68 | Dot 7 white       | 000-255 | 0-100% |
| 69 | Dot 8 dimmer      | 000-255 | 0-100% |
| 70 | Dot 8 fine dimmer | 000-255 | 0-100% |
| 71 | Dot 8 red         | 000-255 | 0-100% |
| 72 | Dot 8 green       | 000-255 | 0-100% |
| 73 | Dot 8 blue        | 000-255 | 0-100% |
| 74 | Dot 8 white       | 000-255 | 0-100% |

|     |                    |         |        |
|-----|--------------------|---------|--------|
| 75  | Dot 9 dimmer       | 000-255 | 0-100% |
| 76  | Dot 9 fine dimmer  | 000-255 | 0-100% |
| 77  | Dot 9 red          | 000-255 | 0-100% |
| 78  | Dot 9 green        | 000-255 | 0-100% |
| 79  | Dot 9 blue         | 000-255 | 0-100% |
| 80  | Dot 9 white        | 000-255 | 0-100% |
| 81  | Dot 10 dimmer      | 000-255 | 0-100% |
| 82  | Dot 10 fine dimmer | 000-255 | 0-100% |
| 83  | Dot 10 red         | 000-255 | 0-100% |
| 84  | Dot 10 green       | 000-255 | 0-100% |
| 85  | Dot 10 blue        | 000-255 | 0-100% |
| 86  | Dot 10 white       | 000-255 | 0-100% |
| 87  | Dot 11 dimmer      | 000-255 | 0-100% |
| 88  | Dot 11 fine dimmer | 000-255 | 0-100% |
| 89  | Dot 11 red         | 000-255 | 0-100% |
| 90  | Dot 11 green       | 000-255 | 0-100% |
| 91  | Dot 11 blue        | 000-255 | 0-100% |
| 92  | Dot 11 white       | 000-255 | 0-100% |
| 93  | Dot 12 dimmer      | 000-255 | 0-100% |
| 94  | Dot 12 fine dimmer | 000-255 | 0-100% |
| 95  | Dot 12 red         | 000-255 | 0-100% |
| 96  | Dot 12 green       | 000-255 | 0-100% |
| 97  | Dot 12 blue        | 000-255 | 0-100% |
| 98  | Dot 12 white       | 000-255 | 0-100% |
| 99  | Dot 13 dimmer      | 000-255 | 0-100% |
| 100 | Dot 13 fine dimmer | 000-255 | 0-100% |
| 101 | Dot 13 red         | 000-255 | 0-100% |
| 102 | Dot 13 green       | 000-255 | 0-100% |
| 103 | Dot 13 blue        | 000-255 | 0-100% |
| 104 | Dot 13 white       | 000-255 | 0-100% |
| 105 | Dot 14 dimmer      | 000-255 | 0-100% |
| 106 | Dot 14 fine dimmer | 000-255 | 0-100% |
| 107 | Dot 14 red         | 000-255 | 0-100% |
| 108 | Dot 14 green       | 000-255 | 0-100% |
| 109 | Dot 14 blue        | 000-255 | 0-100% |
| 110 | Dot 14 white       | 000-255 | 0-100% |
| 111 | Dot 15 dimmer      | 000-255 | 0-100% |
| 112 | Dot 15 fine dimmer | 000-255 | 0-100% |
| 113 | Dot 15 red         | 000-255 | 0-100% |
| 114 | Dot 15 green       | 000-255 | 0-100% |
| 115 | Dot 15 blue        | 000-255 | 0-100% |
| 116 | Dot 15 white       | 000-255 | 0-100% |
| 117 | Dot 16 dimmer      | 000-255 | 0-100% |
| 118 | Dot 16 fine dimmer | 000-255 | 0-100% |
| 119 | Dot 16 red         | 000-255 | 0-100% |
| 120 | Dot 16 green       | 000-255 | 0-100% |
| 121 | Dot 16 blue        | 000-255 | 0-100% |
| 122 | Dot 16 white       | 000-255 | 0-100% |



|     |                    |         |        |
|-----|--------------------|---------|--------|
| 123 | Dot 17 dimmer      | 000-255 | 0-100% |
| 124 | Dot 17 fine dimmer | 000-255 | 0-100% |
| 125 | Dot 17 red         | 000-255 | 0-100% |
| 126 | Dot 17 green       | 000-255 | 0-100% |
| 127 | Dot 17 blue        | 000-255 | 0-100% |
| 128 | Dot 17 white       | 000-255 | 0-100% |
| 129 | Dot 18 dimmer      | 000-255 | 0-100% |
| 130 | Dot 18 fine dimmer | 000-255 | 0-100% |
| 131 | Dot 18 red         | 000-255 | 0-100% |
| 132 | Dot 18 green       | 000-255 | 0-100% |
| 133 | Dot 18 blue        | 000-255 | 0-100% |
| 134 | Dot 18 white       | 000-255 | 0-100% |
| 135 | Dot 19 dimmer      | 000-255 | 0-100% |
| 136 | Dot 19 fine dimmer | 000-255 | 0-100% |
| 137 | Dot 19 red         | 000-255 | 0-100% |
| 138 | Dot 19 green       | 000-255 | 0-100% |
| 139 | Dot 19 blue        | 000-255 | 0-100% |
| 140 | Dot 19 white       | 000-255 | 0-100% |
| 141 | Dot 20 dimmer      | 000-255 | 0-100% |
| 142 | Dot 20 fine dimmer | 000-255 | 0-100% |
| 143 | Dot 20 red         | 000-255 | 0-100% |
| 144 | Dot 20 green       | 000-255 | 0-100% |
| 145 | Dot 20 blue        | 000-255 | 0-100% |
| 146 | Dot 20 white       | 000-255 | 0-100% |
| 147 | Dot 21 dimmer      | 000-255 | 0-100% |
| 148 | Dot 21 fine dimmer | 000-255 | 0-100% |
| 149 | Dot 21 red         | 000-255 | 0-100% |
| 150 | Dot 21 green       | 000-255 | 0-100% |
| 151 | Dot 21 blue        | 000-255 | 0-100% |
| 152 | Dot 21 white       | 000-255 | 0-100% |
| 153 | Dot 22 dimmer      | 000-255 | 0-100% |
| 154 | Dot 22 fine dimmer | 000-255 | 0-100% |
| 155 | Dot 22 red         | 000-255 | 0-100% |
| 156 | Dot 22 green       | 000-255 | 0-100% |
| 157 | Dot 22 blue        | 000-255 | 0-100% |
| 158 | Dot 22 white       | 000-255 | 0-100% |
| 159 | Dot 23 dimmer      | 000-255 | 0-100% |
| 160 | Dot 23 fine dimmer | 000-255 | 0-100% |
| 161 | Dot 23 red         | 000-255 | 0-100% |
| 162 | Dot 23 green       | 000-255 | 0-100% |
| 163 | Dot 23 blue        | 000-255 | 0-100% |
| 164 | Dot 23 white       | 000-255 | 0-100% |
| 165 | Dot 24 dimmer      | 000-255 | 0-100% |
| 166 | Dot 24 fine dimmer | 000-255 | 0-100% |
| 167 | Dot 24 red         | 000-255 | 0-100% |
| 168 | Dot 24 green       | 000-255 | 0-100% |
| 169 | Dot 24 blue        | 000-255 | 0-100% |
| 170 | Dot 24 white       | 000-255 | 0-100% |

|     |                    |         |        |
|-----|--------------------|---------|--------|
| 171 | Cell 1 dimmer      | 000-255 | 0-100% |
| 172 | Cell 1 fine dimmer | 000-255 | 0-100% |
| 173 | Cell 1 red         | 000-255 | 0-100% |
| 174 | Cell 1 green       | 000-255 | 0-100% |
| 175 | Cell 1 blue        | 000-255 | 0-100% |
| 176 | Cell 1 white       | 000-255 | 0-100% |
| 177 | Cell 2 dimmer      | 000-255 | 0-100% |
| 178 | Cell 2 fine dimmer | 000-255 | 0-100% |
| 179 | Cell 2 red         | 000-255 | 0-100% |
| 180 | Cell 2 green       | 000-255 | 0-100% |
| 181 | Cell 2 blue        | 000-255 | 0-100% |
| 182 | Cell 2 white       | 000-255 | 0-100% |
| 183 | Cell 3 dimmer      | 000-255 | 0-100% |
| 184 | Cell 3 fine dimmer | 000-255 | 0-100% |
| 185 | Cell 3 red         | 000-255 | 0-100% |
| 186 | Cell 3 green       | 000-255 | 0-100% |
| 187 | Cell 3 blue        | 000-255 | 0-100% |
| 188 | Cell 3 white       | 000-255 | 0-100% |
| 189 | Cell 4 dimmer      | 000-255 | 0-100% |
| 190 | Cell 4 fine dimmer | 000-255 | 0-100% |
| 191 | Cell 4 red         | 000-255 | 0-100% |
| 192 | Cell 4 green       | 000-255 | 0-100% |
| 193 | Cell 4 blue        | 000-255 | 0-100% |
| 194 | Cell 4 white       | 000-255 | 0-100% |
| 195 | Cell 5 dimmer      | 000-255 | 0-100% |
| 196 | Cell 5 fine dimmer | 000-255 | 0-100% |
| 197 | Cell 5 red         | 000-255 | 0-100% |
| 198 | Cell 5 green       | 000-255 | 0-100% |
| 199 | Cell 5 blue        | 000-255 | 0-100% |
| 200 | Cell 5 white       | 000-255 | 0-100% |
| 201 | Cell 6 dimmer      | 000-255 | 0-100% |
| 202 | Cell 6 fine dimmer | 000-255 | 0-100% |
| 203 | Cell 6 red         | 000-255 | 0-100% |
| 204 | Cell 6 green       | 000-255 | 0-100% |
| 205 | Cell 6 blue        | 000-255 | 0-100% |
| 206 | Cell 6 white       | 000-255 | 0-100% |
| 207 | Cell 7 dimmer      | 000-255 | 0-100% |
| 208 | Cell 7 fine dimmer | 000-255 | 0-100% |
| 209 | Cell 7 red         | 000-255 | 0-100% |
| 210 | Cell 7 green       | 000-255 | 0-100% |
| 211 | Cell 7 blue        | 000-255 | 0-100% |
| 212 | Cell 7 white       | 000-255 | 0-100% |
| 213 | Cell 8 dimmer      | 000-255 | 0-100% |
| 214 | Cell 8 fine dimmer | 000-255 | 0-100% |
| 215 | Cell 8 red         | 000-255 | 0-100% |
| 216 | Cell 8 green       | 000-255 | 0-100% |
| 217 | Cell 8 blue        | 000-255 | 0-100% |
| 218 | Cell 8 white       | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 219 | Cell 9 dimmer       | 000-255 | 0-100% |
| 220 | Cell 9 fine dimmer  | 000-255 | 0-100% |
| 221 | Cell 9 red          | 000-255 | 0-100% |
| 222 | Cell 9 green        | 000-255 | 0-100% |
| 223 | Cell 9 blue         | 000-255 | 0-100% |
| 224 | Cell 9 white        | 000-255 | 0-100% |
| 225 | Cell 10 dimmer      | 000-255 | 0-100% |
| 226 | Cell 10 fine dimmer | 000-255 | 0-100% |
| 227 | Cell 10 red         | 000-255 | 0-100% |
| 228 | Cell 10 green       | 000-255 | 0-100% |
| 229 | Cell 10 blue        | 000-255 | 0-100% |
| 230 | Cell 10 white       | 000-255 | 0-100% |
| 231 | Cell 11 dimmer      | 000-255 | 0-100% |
| 232 | Cell 11 fine dimmer | 000-255 | 0-100% |
| 233 | Cell 11 red         | 000-255 | 0-100% |
| 234 | Cell 11 green       | 000-255 | 0-100% |
| 235 | Cell 11 blue        | 000-255 | 0-100% |
| 236 | Cell 11 white       | 000-255 | 0-100% |
| 237 | Cell 12 dimmer      | 000-255 | 0-100% |
| 238 | Cell 12 fine dimmer | 000-255 | 0-100% |
| 239 | Cell 12 red         | 000-255 | 0-100% |
| 240 | Cell 12 green       | 000-255 | 0-100% |
| 241 | Cell 12 blue        | 000-255 | 0-100% |
| 242 | Cell 12 white       | 000-255 | 0-100% |
| 243 | Cell 13 dimmer      | 000-255 | 0-100% |
| 244 | Cell 13 fine dimmer | 000-255 | 0-100% |
| 245 | Cell 13 red         | 000-255 | 0-100% |
| 246 | Cell 13 green       | 000-255 | 0-100% |
| 247 | Cell 13 blue        | 000-255 | 0-100% |
| 248 | Cell 13 white       | 000-255 | 0-100% |
| 249 | Cell 14 dimmer      | 000-255 | 0-100% |
| 250 | Cell 14 fine dimmer | 000-255 | 0-100% |
| 251 | Cell 14 red         | 000-255 | 0-100% |
| 252 | Cell 14 green       | 000-255 | 0-100% |
| 253 | Cell 14 blue        | 000-255 | 0-100% |
| 254 | Cell 14 white       | 000-255 | 0-100% |
| 255 | Cell 15 dimmer      | 000-255 | 0-100% |
| 256 | Cell 15 fine dimmer | 000-255 | 0-100% |
| 257 | Cell 15 red         | 000-255 | 0-100% |
| 258 | Cell 15 green       | 000-255 | 0-100% |
| 259 | Cell 15 blue        | 000-255 | 0-100% |
| 260 | Cell 15 white       | 000-255 | 0-100% |
| 261 | Cell 16 dimmer      | 000-255 | 0-100% |
| 262 | Cell 16 fine dimmer | 000-255 | 0-100% |
| 263 | Cell 16 red         | 000-255 | 0-100% |
| 264 | Cell 16 green       | 000-255 | 0-100% |
| 265 | Cell 16 blue        | 000-255 | 0-100% |
| 266 | Cell 16 white       | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 267 | Cell 17 dimmer      | 000-255 | 0-100% |
| 268 | Cell 17 fine dimmer | 000-255 | 0-100% |
| 269 | Cell 17 red         | 000-255 | 0-100% |
| 270 | Cell 17 green       | 000-255 | 0-100% |
| 271 | Cell 17 blue        | 000-255 | 0-100% |
| 272 | Cell 17 white       | 000-255 | 0-100% |
| 273 | Cell 18 dimmer      | 000-255 | 0-100% |
| 274 | Cell 18 fine dimmer | 000-255 | 0-100% |
| 275 | Cell 18 red         | 000-255 | 0-100% |
| 276 | Cell 18 green       | 000-255 | 0-100% |
| 277 | Cell 18 blue        | 000-255 | 0-100% |
| 278 | Cell 18 white       | 000-255 | 0-100% |
| 279 | Cell 19 dimmer      | 000-255 | 0-100% |
| 280 | Cell 19 fine dimmer | 000-255 | 0-100% |
| 281 | Cell 19 red         | 000-255 | 0-100% |
| 282 | Cell 19 green       | 000-255 | 0-100% |
| 283 | Cell 19 blue        | 000-255 | 0-100% |
| 284 | Cell 19 white       | 000-255 | 0-100% |
| 285 | Cell 20 dimmer      | 000-255 | 0-100% |
| 286 | Cell 20 fine dimmer | 000-255 | 0-100% |
| 287 | Cell 20 red         | 000-255 | 0-100% |
| 288 | Cell 20 green       | 000-255 | 0-100% |
| 289 | Cell 20 blue        | 000-255 | 0-100% |
| 290 | Cell 20 white       | 000-255 | 0-100% |
| 291 | Cell 21 dimmer      | 000-255 | 0-100% |
| 292 | Cell 21 fine dimmer | 000-255 | 0-100% |
| 293 | Cell 21 red         | 000-255 | 0-100% |
| 294 | Cell 21 green       | 000-255 | 0-100% |
| 295 | Cell 21 blue        | 000-255 | 0-100% |
| 296 | Cell 21 white       | 000-255 | 0-100% |
| 297 | Cell 22 dimmer      | 000-255 | 0-100% |
| 298 | Cell 22 fine dimmer | 000-255 | 0-100% |
| 299 | Cell 22 red         | 000-255 | 0-100% |
| 300 | Cell 22 green       | 000-255 | 0-100% |
| 301 | Cell 22 blue        | 000-255 | 0-100% |
| 302 | Cell 22 white       | 000-255 | 0-100% |
| 303 | Cell 23 dimmer      | 000-255 | 0-100% |
| 304 | Cell 23 fine dimmer | 000-255 | 0-100% |
| 305 | Cell 23 red         | 000-255 | 0-100% |
| 306 | Cell 23 green       | 000-255 | 0-100% |
| 307 | Cell 23 blue        | 000-255 | 0-100% |
| 308 | Cell 23 white       | 000-255 | 0-100% |
| 309 | Cell 24 dimmer      | 000-255 | 0-100% |
| 310 | Cell 24 fine dimmer | 000-255 | 0-100% |
| 311 | Cell 24 red         | 000-255 | 0-100% |
| 312 | Cell 24 green       | 000-255 | 0-100% |
| 313 | Cell 24 blue        | 000-255 | 0-100% |
| 314 | Cell 24 white       | 000-255 | 0-100% |

**DMX 512 222CHs Single Control**

| CH | Function                         | Value   | Percent/Setting                                |
|----|----------------------------------|---------|------------------------------------------------|
| 1  | Tilt                             | 000-255 | 0-100%                                         |
| 2  | Fine tilt                        | 000-255 | 0-100%                                         |
| 3  | Tilt Speed                       | 000-255 | Fast to slow                                   |
| 4  | E-frost                          | 000-255 | 0-100%                                         |
| 5  | Dot dimmer                       | 000-255 | 0-100%                                         |
| 6  | Dot fine dimmer                  | 000-255 | 0-100%                                         |
| 7  | Cell dimmer                      | 000-255 | 0-100%                                         |
| 8  | Cell fine dimmer                 | 000-25  | 0-100%                                         |
| 9  | Dot strobe duration              | 000-009 | Classic shutter mode:disables duration control |
|    |                                  | 010-250 | Short to long (7-650 ms)                       |
|    |                                  | 251-255 | 100% On                                        |
| 10 | Dot strobe rate                  | 000-009 | 100% On                                        |
|    |                                  | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                                  | 251-255 | 100% On                                        |
| 11 | Cell strobe duration             | 000-009 | Classic shutter mode:disables duration control |
|    |                                  | 010-250 | Short to long (7-650 ms)                       |
|    |                                  | 251-255 | 100% On                                        |
| 12 | Cell strobe rate                 | 000-009 | 100% On                                        |
|    |                                  | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                                  | 251-255 | 100% On                                        |
| 13 | Dot strobe effect                | 000-005 | No function                                    |
|    |                                  | 006-042 | Fade up, slow to fast                          |
|    |                                  | 043-085 | Fade down, slow to fast                        |
|    |                                  | 086-128 | Fade up and down, slow to fast                 |
|    |                                  | 129-171 | Random strobe, slow to fast                    |
|    |                                  | 172-214 | Lighting strobe, slow to fast                  |
|    |                                  | 215-255 | Spike strobe, slow to fast                     |
| 14 | Cell strobe effect               | 000-005 | No function                                    |
|    |                                  | 006-042 | Fade up, slow to fast                          |
|    |                                  | 043-085 | Fade down, slow to fast                        |
|    |                                  | 086-128 | Fade up and down, slow to fast                 |
|    |                                  | 129-171 | Random strobe, slow to fast                    |
|    |                                  | 172-214 | Lighting strobe, slow to fast                  |
|    |                                  | 215-255 | Spike strobe, slow to fast                     |
| 15 | Color temperature                | 000-255 | 2800-8000K                                     |
| 16 | Dot foreground dimmer            | 000-255 | 0-100%                                         |
| 17 | Dot foreground color             | 000-255 | See the color macro chart                      |
| 18 | Dot background dimmer            | 000-255 | 0-100%                                         |
| 19 | Dot background color             | 000-255 | See the color macro chart                      |
| 20 | Dot FX macro                     | 000-255 | See the FX macro chart                         |
| 21 | Dot FX macro direction and speed | 000-005 | No function                                    |
|    |                                  | 006-124 | Left to right, fast to slow                    |
|    |                                  | 125-130 | No function                                    |



|    |                                   |         |                             |
|----|-----------------------------------|---------|-----------------------------|
|    |                                   | 131-249 | Right to left, slow to fast |
|    |                                   | 250-255 | No function                 |
| 22 | Dot FX macro delay                | 000-002 | Snap                        |
|    |                                   | 003-255 | Fade short to long          |
| 23 | Cell foreground dimmer            | 000-255 | 0-100%                      |
| 24 | Cell foreground color             | 000-255 | See the color macro chart   |
| 25 | Cell background dimmer            | 000-255 | 0-100%                      |
| 26 | Cell background color             | 000-255 | See the color macro chart   |
| 27 | Cell FX macro                     | 000-255 | See the FX macro chart      |
| 28 | Cell FX macro direction and speed | 000-005 | No function                 |
|    |                                   | 006-124 | Left to right, fast to slow |
|    |                                   | 125-130 | No function                 |
|    |                                   | 131-249 | Right to left, slow to fast |
|    |                                   | 250-255 | No function                 |
| 29 | Dot FX macro delay                | 000-002 | Snap                        |
|    |                                   | 003-255 | Fade short to long          |
| 30 | Control(hold for 3seconds)        | 000-255 | See the control chart       |
| 31 | Dot 1 red                         | 000-255 | 0-100%                      |
| 32 | Dot 1 green                       | 000-255 | 0-100%                      |
| 33 | Dot 1 blue                        | 000-255 | 0-100%                      |
| 34 | Dot 1 white                       | 000-255 | 0-100%                      |
| 35 | Dot 2 red                         | 000-255 | 0-100%                      |
| 36 | Dot 2 green                       | 000-255 | 0-100%                      |
| 37 | Dot 2 blue                        | 000-255 | 0-100%                      |
| 38 | Dot 2 white                       | 000-255 | 0-100%                      |
| 39 | Dot 3 red                         | 000-255 | 0-100%                      |
| 40 | Dot 3 green                       | 000-255 | 0-100%                      |
| 41 | Dot 3 blue                        | 000-255 | 0-100%                      |
| 42 | Dot 3 white                       | 000-255 | 0-100%                      |
| 43 | Dot 4 red                         | 000-255 | 0-100%                      |
| 44 | Dot 4 green                       | 000-255 | 0-100%                      |
| 45 | Dot 4 blue                        | 000-255 | 0-100%                      |
| 46 | Dot 4 white                       | 000-255 | 0-100%                      |
| 47 | Dot 5 red                         | 000-255 | 0-100%                      |
| 48 | Dot 5 green                       | 000-255 | 0-100%                      |
| 49 | Dot 5 blue                        | 000-255 | 0-100%                      |
| 50 | Dot 5 white                       | 000-255 | 0-100%                      |
| 51 | Dot 6 red                         | 000-255 | 0-100%                      |
| 52 | Dot 6 green                       | 000-255 | 0-100%                      |
| 53 | Dot 6 blue                        | 000-255 | 0-100%                      |
| 54 | Dot 6 white                       | 000-255 | 0-100%                      |
| 55 | Dot 7 red                         | 000-255 | 0-100%                      |
| 56 | Dot 7 green                       | 000-255 | 0-100%                      |
| 57 | Dot 7 blue                        | 000-255 | 0-100%                      |
| 58 | Dot 7 white                       | 000-255 | 0-100%                      |

|     |              |         |        |
|-----|--------------|---------|--------|
| 59  | Dot 8 red    | 000-255 | 0-100% |
| 60  | Dot 8 green  | 000-255 | 0-100% |
| 61  | Dot 8 blue   | 000-255 | 0-100% |
| 62  | Dot 8 white  | 000-255 | 0-100% |
| 63  | Dot 9 red    | 000-255 | 0-100% |
| 64  | Dot 9 green  | 000-255 | 0-100% |
| 65  | Dot 9 blue   | 000-255 | 0-100% |
| 66  | Dot 9 white  | 000-255 | 0-100% |
| 67  | Dot 10 red   | 000-255 | 0-100% |
| 68  | Dot 10 green | 000-255 | 0-100% |
| 69  | Dot 10 blue  | 000-255 | 0-100% |
| 70  | Dot 10 white | 000-255 | 0-100% |
| 71  | Dot 11 red   | 000-255 | 0-100% |
| 72  | Dot 11 green | 000-255 | 0-100% |
| 73  | Dot 11 blue  | 000-255 | 0-100% |
| 74  | Dot 11 white | 000-255 | 0-100% |
| 75  | Dot 12 red   | 000-255 | 0-100% |
| 76  | Dot 12 green | 000-255 | 0-100% |
| 77  | Dot 12 blue  | 000-255 | 0-100% |
| 78  | Dot 12 white | 000-255 | 0-100% |
| 79  | Dot 13 red   | 000-255 | 0-100% |
| 80  | Dot 13 green | 000-255 | 0-100% |
| 81  | Dot 13 blue  | 000-255 | 0-100% |
| 82  | Dot 13 white | 000-255 | 0-100% |
| 83  | Dot 14 red   | 000-255 | 0-100% |
| 84  | Dot 14 green | 000-255 | 0-100% |
| 85  | Dot 14 blue  | 000-255 | 0-100% |
| 86  | Dot 14 white | 000-255 | 0-100% |
| 87  | Dot 15 red   | 000-255 | 0-100% |
| 88  | Dot 15 green | 000-255 | 0-100% |
| 89  | Dot 15 blue  | 000-255 | 0-100% |
| 90  | Dot 15 white | 000-255 | 0-100% |
| 91  | Dot 16 red   | 000-255 | 0-100% |
| 92  | Dot 16 green | 000-255 | 0-100% |
| 93  | Dot 16 blue  | 000-255 | 0-100% |
| 94  | Dot 16 white | 000-255 | 0-100% |
| 95  | Dot 17 red   | 000-255 | 0-100% |
| 96  | Dot 17 green | 000-255 | 0-100% |
| 97  | Dot 17 blue  | 000-255 | 0-100% |
| 98  | Dot 17 white | 000-255 | 0-100% |
| 99  | Dot 18 red   | 000-255 | 0-100% |
| 100 | Dot 18 green | 000-255 | 0-100% |
| 101 | Dot 18 blue  | 000-255 | 0-100% |
| 102 | Dot 18 white | 000-255 | 0-100% |
| 103 | Dot 19 red   | 000-255 | 0-100% |
| 104 | Dot 19 green | 000-255 | 0-100% |
| 105 | Dot 19 blue  | 000-255 | 0-100% |
| 106 | Dot 19 white | 000-255 | 0-100% |

|     |              |         |        |
|-----|--------------|---------|--------|
| 107 | Dot 20 red   | 000-255 | 0-100% |
| 108 | Dot 20 green | 000-255 | 0-100% |
| 109 | Dot 20 blue  | 000-255 | 0-100% |
| 110 | Dot 20 white | 000-255 | 0-100% |
| 111 | Dot 21 red   | 000-255 | 0-100% |
| 112 | Dot 21 green | 000-255 | 0-100% |
| 113 | Dot 21 blue  | 000-255 | 0-100% |
| 114 | Dot 21 white | 000-255 | 0-100% |
| 115 | Dot 22 red   | 000-255 | 0-100% |
| 116 | Dot 22 green | 000-255 | 0-100% |
| 117 | Dot 22 blue  | 000-255 | 0-100% |
| 118 | Dot 22 white | 000-255 | 0-100% |
| 119 | Dot 23 red   | 000-255 | 0-100% |
| 120 | Dot 23 green | 000-255 | 0-100% |
| 121 | Dot 23 blue  | 000-255 | 0-100% |
| 122 | Dot 23 white | 000-255 | 0-100% |
| 123 | Dot 24 red   | 000-255 | 0-100% |
| 124 | Dot 24 green | 000-255 | 0-100% |
| 125 | Dot 24 blue  | 000-255 | 0-100% |
| 126 | Dot 24 white | 000-255 | 0-100% |
| 127 | Cell 1 red   | 000-255 | 0-100% |
| 128 | Cell 1 green | 000-255 | 0-100% |
| 129 | Cell 1 blue  | 000-255 | 0-100% |
| 130 | Cell 1 white | 000-255 | 0-100% |
| 131 | Cell 2 red   | 000-255 | 0-100% |
| 132 | Cell 2 green | 000-255 | 0-100% |
| 133 | Cell 2 blue  | 000-255 | 0-100% |
| 134 | Cell 2 white | 000-255 | 0-100% |
| 135 | Cell 3 red   | 000-255 | 0-100% |
| 136 | Cell 3 green | 000-255 | 0-100% |
| 137 | Cell 3 blue  | 000-255 | 0-100% |
| 138 | Cell 3 white | 000-255 | 0-100% |
| 139 | Cell 4 red   | 000-255 | 0-100% |
| 140 | Cell 4 green | 000-255 | 0-100% |
| 141 | Cell 4 blue  | 000-255 | 0-100% |
| 142 | Cell 4 white | 000-255 | 0-100% |
| 143 | Cell 5 red   | 000-255 | 0-100% |
| 144 | Cell 5 green | 000-255 | 0-100% |
| 145 | Cell 5 blue  | 000-255 | 0-100% |
| 146 | Cell 5 white | 000-255 | 0-100% |
| 147 | Cell 6 red   | 000-255 | 0-100% |
| 148 | Cell 6 green | 000-255 | 0-100% |
| 149 | Cell 6 blue  | 000-255 | 0-100% |
| 150 | Cell 6 white | 000-255 | 0-100% |
| 151 | Cell 7 red   | 000-255 | 0-100% |
| 152 | Cell 7 green | 000-255 | 0-100% |
| 153 | Cell 7 blue  | 000-255 | 0-100% |
| 154 | Cell 7 white | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 155 | Cell 8 red    | 000-255 | 0-100% |
| 156 | Cell 8 green  | 000-255 | 0-100% |
| 157 | Cell 8 blue   | 000-255 | 0-100% |
| 158 | Cell 8 white  | 000-255 | 0-100% |
| 159 | Cell 9 red    | 000-255 | 0-100% |
| 160 | Cell 9 green  | 000-255 | 0-100% |
| 161 | Cell 9 blue   | 000-255 | 0-100% |
| 162 | Cell 9 white  | 000-255 | 0-100% |
| 163 | Cell 10 red   | 000-255 | 0-100% |
| 164 | Cell 10 green | 000-255 | 0-100% |
| 165 | Cell 10 blue  | 000-255 | 0-100% |
| 166 | Cell 10 white | 000-255 | 0-100% |
| 167 | Cell 11 red   | 000-255 | 0-100% |
| 168 | Cell 11 green | 000-255 | 0-100% |
| 169 | Cell 11 blue  | 000-255 | 0-100% |
| 170 | Cell 11 white | 000-255 | 0-100% |
| 171 | Cell 12 red   | 000-255 | 0-100% |
| 172 | Cell 12 green | 000-255 | 0-100% |
| 173 | Cell 12 blue  | 000-255 | 0-100% |
| 174 | Cell 12 white | 000-255 | 0-100% |
| 175 | Cell 13 red   | 000-255 | 0-100% |
| 176 | Cell 13 green | 000-255 | 0-100% |
| 177 | Cell 13 blue  | 000-255 | 0-100% |
| 178 | Cell 13 white | 000-255 | 0-100% |
| 179 | Cell 14 red   | 000-255 | 0-100% |
| 180 | Cell 14 green | 000-255 | 0-100% |
| 181 | Cell 14 blue  | 000-255 | 0-100% |
| 182 | Cell 14 white | 000-255 | 0-100% |
| 183 | Cell 15 red   | 000-255 | 0-100% |
| 184 | Cell 15 green | 000-255 | 0-100% |
| 185 | Cell 15 blue  | 000-255 | 0-100% |
| 186 | Cell 15 white | 000-255 | 0-100% |
| 187 | Cell 16 red   | 000-255 | 0-100% |
| 188 | Cell 16 green | 000-255 | 0-100% |
| 189 | Cell 16 blue  | 000-255 | 0-100% |
| 190 | Cell 16 white | 000-255 | 0-100% |
| 191 | Cell 17 red   | 000-255 | 0-100% |
| 192 | Cell 17 green | 000-255 | 0-100% |
| 193 | Cell 17 blue  | 000-255 | 0-100% |
| 194 | Cell 17 white | 000-255 | 0-100% |
| 195 | Cell 18 red   | 000-255 | 0-100% |
| 196 | Cell 18 green | 000-255 | 0-100% |
| 197 | Cell 18 blue  | 000-255 | 0-100% |
| 198 | Cell 18 white | 000-255 | 0-100% |
| 199 | Cell 19 red   | 000-255 | 0-100% |
| 200 | Cell 19 green | 000-255 | 0-100% |
| 201 | Cell 19 blue  | 000-255 | 0-100% |
| 202 | Cell 19 white | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 203 | Cell 20 red   | 000-255 | 0-100% |
| 204 | Cell 20 green | 000-255 | 0-100% |
| 205 | Cell 20 blue  | 000-255 | 0-100% |
| 206 | Cell 20 white | 000-255 | 0-100% |
| 207 | Cell 21 red   | 000-255 | 0-100% |
| 208 | Cell 21 green | 000-255 | 0-100% |
| 209 | Cell 21 blue  | 000-255 | 0-100% |
| 210 | Cell 21 white | 000-255 | 0-100% |
| 211 | Cell 22 red   | 000-255 | 0-100% |
| 212 | Cell 22 green | 000-255 | 0-100% |
| 213 | Cell 22 blue  | 000-255 | 0-100% |
| 214 | Cell 22 white | 000-255 | 0-100% |
| 215 | Cell 23 red   | 000-255 | 0-100% |
| 216 | Cell 23 green | 000-255 | 0-100% |
| 217 | Cell 23 blue  | 000-255 | 0-100% |
| 218 | Cell 23 white | 000-255 | 0-100% |
| 219 | Cell 24 red   | 000-255 | 0-100% |
| 220 | Cell 24 green | 000-255 | 0-100% |
| 221 | Cell 24 blue  | 000-255 | 0-100% |
| 222 | Cell 24 white | 000-255 | 0-100% |

## DMX 512 29CHs Single Control

| CH | Function             | Value   | Percent/Setting                                |
|----|----------------------|---------|------------------------------------------------|
| 1  | Tilt                 | 000-255 | 0-100%                                         |
| 2  | Fine tilt            | 000-255 | 0-100%                                         |
| 3  | E-frost              | 000-255 | 0-100%                                         |
| 4  | Dot dimmer           | 000-255 | 0-100%                                         |
| 5  | Dot fine dimmer      | 000-255 | 0-100%                                         |
| 6  | Cell dimmer          | 000-255 | 0-100%                                         |
| 7  | Cell fine dimmer     | 000-25  | 0-100%                                         |
| 8  | Dot strobe duration  | 000-009 | Classic shutter mode:disables duration control |
|    |                      | 010-250 | Short to long (7-650 ms)                       |
|    |                      | 251-255 | 100% On                                        |
| 9  | Dot strobe rate      | 000-009 | 100% On                                        |
|    |                      | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                      | 251-255 | 100% On                                        |
| 10 | Cell strobe duration | 000-009 | Classic shutter mode:disables duration control |
|    |                      | 010-250 | Short to long (7-650 ms)                       |
|    |                      | 251-255 | 100% On                                        |
| 11 | Cell strobe rate     | 000-009 | 100% On                                        |
|    |                      | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                      | 251-255 | 100% On                                        |
| 12 | Dot strobe effect    | 000-005 | No function                                    |
|    |                      | 006-042 | Fade up, slow to fast                          |
|    |                      | 043-085 | Fade down, slow to fast                        |
|    |                      | 086-128 | Fade up and down, slow to fast                 |
|    |                      | 129-171 | Random strobe, slow to fast                    |



|    |                                   |         |                                |
|----|-----------------------------------|---------|--------------------------------|
|    |                                   | 172-214 | Lighting strobe, slow to fast  |
|    |                                   | 215-255 | Spike strobe, slow to fast     |
| 13 | Cell strobe effect                | 000-005 | No function                    |
|    |                                   | 006-042 | Fade up, slow to fast          |
|    |                                   | 043-085 | Fade down, slow to fast        |
|    |                                   | 086-128 | Fade up and down, slow to fast |
|    |                                   | 129-171 | Random strobe, slow to fast    |
|    |                                   | 172-214 | Lighting strobe, slow to fast  |
|    |                                   | 215-255 | Spike strobe, slow to fast     |
| 14 | Color temperature                 | 000-255 | 2800-8000K                     |
| 15 | Dot FX macro                      | 000-255 | See the FX macro chart         |
| 16 | Dot FX macro direction and speed  | 000-005 | No function                    |
|    |                                   | 006-124 | Left to right, fast to slow    |
|    |                                   | 125-130 | No function                    |
|    |                                   | 131-249 | Right to left, slow to fast    |
|    |                                   | 250-255 | No function                    |
| 17 | Dot FX macro delay                | 000-002 | Snap                           |
|    |                                   | 003-255 | Fade short to long             |
| 18 | Cell FX macro                     | 000-255 | See the FX macro chart         |
| 19 | Cell FX macro direction and speed | 000-005 | No function                    |
|    |                                   | 006-124 | Left to right, fast to slow    |
|    |                                   | 125-130 | No function                    |
|    |                                   | 131-249 | Right to left, slow to fast    |
|    |                                   | 250-255 | No function                    |
| 20 | Dot FX macro delay                | 000-002 | Snap                           |
|    |                                   | 003-255 | Fade short to long             |
| 21 | Control(hold for 3seconds)        | 000-255 | See the control chart          |
| 22 | Dot red                           | 000-255 | 0-100%                         |
| 23 | Dot green                         | 000-255 | 0-100%                         |
| 24 | Dot blue                          | 000-255 | 0-100%                         |
| 25 | Dot white                         | 000-255 | 0-100%                         |
| 26 | Cell red                          | 000-255 | 0-100%                         |
| 27 | Cell green                        | 000-255 | 0-100%                         |
| 28 | Cell blue                         | 000-255 | 0-100%                         |
| 29 | Cell white                        | 000-255 | 0-100%                         |

### DMX 512 30CHs Dual Control Movement

| CH | Function         | Value   | Percent/Setting |
|----|------------------|---------|-----------------|
| 1  | Tilt             | 000-255 | 0-100%          |
| 2  | Fine tilt        | 000-255 | 0-100%          |
| 3  | Tilt Speed       | 000-255 | Fast to slow    |
| 4  | E-frost          | 000-255 | 0-100%          |
| 5  | Dot dimmer       | 000-255 | 0-100%          |
| 6  | Dot fine dimmer  | 000-255 | 0-100%          |
| 7  | Cell dimmer      | 000-255 | 0-100%          |
| 8  | Cell fine dimmer | 000-25  | 0-100%          |

|    |                                  |         |                                                |
|----|----------------------------------|---------|------------------------------------------------|
| 9  | Dot strobe duration              | 000-009 | Classic shutter mode:disables duration control |
|    |                                  | 010-250 | Short to long (7-650 ms)                       |
|    |                                  | 251-255 | 100% On                                        |
| 10 | Dot strobe rate                  | 000-009 | 100% On                                        |
|    |                                  | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                                  | 251-255 | 100% On                                        |
| 11 | Cell strobe duration             | 000-009 | Classic shutter mode:disables duration control |
|    |                                  | 010-250 | Short to long (7-650 ms)                       |
|    |                                  | 251-255 | 100% On                                        |
| 12 | Cell strobe rate                 | 000-009 | 100% On                                        |
|    |                                  | 010-250 | Slow to fast (0.289-16.67 Hz)                  |
|    |                                  | 251-255 | 100% On                                        |
| 13 | Dot strobe effect                | 000-005 | No function                                    |
|    |                                  | 006-042 | Fade up, slow to fast                          |
|    |                                  | 043-085 | Fade down, slow to fast                        |
|    |                                  | 086-128 | Fade up and down, slow to fast                 |
|    |                                  | 129-171 | Random strobe, slow to fast                    |
|    |                                  | 172-214 | Lighting strobe, slow to fast                  |
|    |                                  | 215-255 | Spike strobe, slow to fast                     |
| 14 | Cell strobe effect               | 000-005 | No function                                    |
|    |                                  | 006-042 | Fade up, slow to fast                          |
|    |                                  | 043-085 | Fade down, slow to fast                        |
|    |                                  | 086-128 | Fade up and down, slow to fast                 |
|    |                                  | 129-171 | Random strobe, slow to fast                    |
|    |                                  | 172-214 | Lighting strobe, slow to fast                  |
|    |                                  | 215-255 | Spike strobe, slow to fast                     |
| 15 | Color temperature                | 000-255 | 2800-8000K                                     |
| 16 | Dot foreground dimmer            | 000-255 | 0-100%                                         |
| 17 | Dot foreground color             | 000-255 | See the color macro chart                      |
| 18 | Dot background dimmer            | 000-255 | 0-100%                                         |
| 19 | Dot background color             | 000-255 | See the color macro chart                      |
| 20 | Dot FX macro                     | 000-255 | See the FX macro chart                         |
| 21 | Dot FX macro direction and speed | 000-005 | No function                                    |
|    |                                  | 006-124 | Left to right, fast to slow                    |
|    |                                  | 125-130 | No function                                    |
|    |                                  | 131-249 | Right to left, slow to fast                    |
|    |                                  | 250-255 | No function                                    |
| 22 | Dot FX macro delay               | 000-002 | Snap                                           |
|    |                                  | 003-255 | Fade short to long                             |
| 23 | Cell foreground dimmer           | 000-255 | 0-100%                                         |
| 24 | Cell foreground color            | 000-255 | See the color macro chart                      |
| 25 | Cell background dimmer           | 000-255 | 0-100%                                         |
| 26 | Cell background                  | 000-255 | See the color macro chart                      |

|    |                                   |         |                             |
|----|-----------------------------------|---------|-----------------------------|
|    | color                             |         |                             |
| 27 | Cell FX macro                     | 000-255 | See the FX macro chart      |
| 28 | Cell FX macro direction and speed | 000-005 | No function                 |
|    |                                   | 006-124 | Left to right, fast to slow |
|    |                                   | 125-130 | No function                 |
|    |                                   | 131-249 | Right to left, slow to fast |
|    |                                   | 250-255 | No function                 |
| 29 | Dot FX macro delay                | 000-002 | Snap                        |
|    |                                   | 003-255 | Fade short to long          |
| 30 | Control(hold for 3seconds)        | 000-255 | See the control chart       |

### DMX 512 288CHs Dual Control Pixles Modes

| CH | Function          | Value   | Percent/Setting |
|----|-------------------|---------|-----------------|
| 1  | Dot 1 dimmer      | 000-255 | 0-100%          |
| 2  | Dot 1 fine dimmer | 000-255 | 0-100%          |
| 3  | Dot 1 red         | 000-255 | 0-100%          |
| 4  | Dot 1 green       | 000-255 | 0-100%          |
| 5  | Dot 1 blue        | 000-255 | 0-100%          |
| 6  | Dot 1 white       | 000-255 | 0-100%          |
| 7  | Dot 2 dimmer      | 000-255 | 0-100%          |
| 8  | Dot 2 fine dimmer | 000-255 | 0-100%          |
| 9  | Dot 2 red         | 000-255 | 0-100%          |
| 10 | Dot 2 green       | 000-255 | 0-100%          |
| 11 | Dot 2 blue        | 000-255 | 0-100%          |
| 12 | Dot 2 white       | 000-255 | 0-100%          |
| 13 | Dot 3 dimmer      | 000-255 | 0-100%          |
| 14 | Dot 3 fine dimmer | 000-255 | 0-100%          |
| 15 | Dot 3 red         | 000-255 | 0-100%          |
| 16 | Dot 3 green       | 000-255 | 0-100%          |
| 17 | Dot 3 blue        | 000-255 | 0-100%          |
| 18 | Dot 3 white       | 000-255 | 0-100%          |
| 19 | Dot 4 dimmer      | 000-255 | 0-100%          |
| 20 | Dot 4 fine dimmer | 000-255 | 0-100%          |
| 21 | Dot 4 red         | 000-255 | 0-100%          |
| 22 | Dot 4 green       | 000-255 | 0-100%          |
| 23 | Dot 4 blue        | 000-255 | 0-100%          |
| 24 | Dot 4 white       | 000-255 | 0-100%          |
| 25 | Dot 5 dimmer      | 000-255 | 0-100%          |
| 26 | Dot 5 fine dimmer | 000-255 | 0-100%          |
| 27 | Dot 5 red         | 000-255 | 0-100%          |
| 28 | Dot 5 green       | 000-255 | 0-100%          |
| 29 | Dot 5 blue        | 000-255 | 0-100%          |
| 30 | Dot 5 white       | 000-255 | 0-100%          |

|    |                    |         |        |
|----|--------------------|---------|--------|
| 31 | Dot 6 dimmer       | 000-255 | 0-100% |
| 32 | Dot 6 fine dimmer  | 000-255 | 0-100% |
| 33 | Dot 6 red          | 000-255 | 0-100% |
| 34 | Dot 6 green        | 000-255 | 0-100% |
| 35 | Dot 6 blue         | 000-255 | 0-100% |
| 36 | Dot 6 white        | 000-255 | 0-100% |
| 37 | Dot 7 dimmer       | 000-255 | 0-100% |
| 38 | Dot 7 fine dimmer  | 000-255 | 0-100% |
| 39 | Dot 7 red          | 000-255 | 0-100% |
| 40 | Dot 7 green        | 000-255 | 0-100% |
| 41 | Dot 7 blue         | 000-255 | 0-100% |
| 42 | Dot 7 white        | 000-255 | 0-100% |
| 43 | Dot 8 dimmer       | 000-255 | 0-100% |
| 44 | Dot 8 fine dimmer  | 000-255 | 0-100% |
| 45 | Dot 8 red          | 000-255 | 0-100% |
| 46 | Dot 8 green        | 000-255 | 0-100% |
| 47 | Dot 8 blue         | 000-255 | 0-100% |
| 48 | Dot 8 white        | 000-255 | 0-100% |
| 49 | Dot 9 dimmer       | 000-255 | 0-100% |
| 50 | Dot 9 fine dimmer  | 000-255 | 0-100% |
| 51 | Dot 9 red          | 000-255 | 0-100% |
| 52 | Dot 9 green        | 000-255 | 0-100% |
| 53 | Dot 9 blue         | 000-255 | 0-100% |
| 54 | Dot 9 white        | 000-255 | 0-100% |
| 55 | Dot 10 dimmer      | 000-255 | 0-100% |
| 56 | Dot 10 fine dimmer | 000-255 | 0-100% |
| 57 | Dot 10 red         | 000-255 | 0-100% |
| 58 | Dot 10 green       | 000-255 | 0-100% |
| 59 | Dot 10 blue        | 000-255 | 0-100% |
| 60 | Dot 10 white       | 000-255 | 0-100% |
| 61 | Dot 11 dimmer      | 000-255 | 0-100% |
| 62 | Dot 11 fine dimmer | 000-255 | 0-100% |
| 63 | Dot 11 red         | 000-255 | 0-100% |
| 64 | Dot 11 green       | 000-255 | 0-100% |
| 65 | Dot 11 blue        | 000-255 | 0-100% |
| 66 | Dot 11 white       | 000-255 | 0-100% |
| 67 | Dot 12 dimmer      | 000-255 | 0-100% |
| 68 | Dot 12 fine dimmer | 000-255 | 0-100% |
| 69 | Dot 12 red         | 000-255 | 0-100% |
| 70 | Dot 12 green       | 000-255 | 0-100% |
| 71 | Dot 12 blue        | 000-255 | 0-100% |
| 72 | Dot 12 white       | 000-255 | 0-100% |
| 73 | Dot 13 dimmer      | 000-255 | 0-100% |

|     |                    |         |        |
|-----|--------------------|---------|--------|
| 74  | Dot 13 fine dimmer | 000-255 | 0-100% |
| 75  | Dot 13 red         | 000-255 | 0-100% |
| 76  | Dot 13 green       | 000-255 | 0-100% |
| 77  | Dot 13 blue        | 000-255 | 0-100% |
| 78  | Dot 13 white       | 000-255 | 0-100% |
| 79  | Dot 14 dimmer      | 000-255 | 0-100% |
| 80  | Dot 14 fine dimmer | 000-255 | 0-100% |
| 81  | Dot 14 red         | 000-255 | 0-100% |
| 82  | Dot 14 green       | 000-255 | 0-100% |
| 83  | Dot 14 blue        | 000-255 | 0-100% |
| 84  | Dot 14 white       | 000-255 | 0-100% |
| 85  | Dot 15 dimmer      | 000-255 | 0-100% |
| 86  | Dot 15 fine dimmer | 000-255 | 0-100% |
| 87  | Dot 15 red         | 000-255 | 0-100% |
| 88  | Dot 15 green       | 000-255 | 0-100% |
| 89  | Dot 15 blue        | 000-255 | 0-100% |
| 90  | Dot 15 white       | 000-255 | 0-100% |
| 91  | Dot 16 dimmer      | 000-255 | 0-100% |
| 92  | Dot 16 fine dimmer | 000-255 | 0-100% |
| 93  | Dot 16 red         | 000-255 | 0-100% |
| 94  | Dot 16 green       | 000-255 | 0-100% |
| 95  | Dot 16 blue        | 000-255 | 0-100% |
| 96  | Dot 16 white       | 000-255 | 0-100% |
| 97  | Dot 17 dimmer      | 000-255 | 0-100% |
| 98  | Dot 17 fine dimmer | 000-255 | 0-100% |
| 99  | Dot 17 red         | 000-255 | 0-100% |
| 100 | Dot 17 green       | 000-255 | 0-100% |
| 101 | Dot 17 blue        | 000-255 | 0-100% |
| 102 | Dot 17 white       | 000-255 | 0-100% |
| 103 | Dot 18 dimmer      | 000-255 | 0-100% |
| 104 | Dot 18 fine dimmer | 000-255 | 0-100% |
| 105 | Dot 18 red         | 000-255 | 0-100% |
| 106 | Dot 18 green       | 000-255 | 0-100% |
| 107 | Dot 18 blue        | 000-255 | 0-100% |
| 108 | Dot 18 white       | 000-255 | 0-100% |
| 109 | Dot 19 dimmer      | 000-255 | 0-100% |
| 110 | Dot 19 fine dimmer | 000-255 | 0-100% |
| 111 | Dot 19 red         | 000-255 | 0-100% |
| 112 | Dot 19 green       | 000-255 | 0-100% |
| 113 | Dot 19 blue        | 000-255 | 0-100% |
| 114 | Dot 19 white       | 000-255 | 0-100% |
| 115 | Dot 20 dimmer      | 000-255 | 0-100% |
| 116 | Dot 20 fine dimmer | 000-255 | 0-100% |

|     |                    |         |        |
|-----|--------------------|---------|--------|
| 117 | Dot 20 red         | 000-255 | 0-100% |
| 118 | Dot 20 green       | 000-255 | 0-100% |
| 119 | Dot 20 blue        | 000-255 | 0-100% |
| 120 | Dot 20 white       | 000-255 | 0-100% |
| 121 | Dot 21 dimmer      | 000-255 | 0-100% |
| 122 | Dot 21 fine dimmer | 000-255 | 0-100% |
| 123 | Dot 21 red         | 000-255 | 0-100% |
| 124 | Dot 21 green       | 000-255 | 0-100% |
| 125 | Dot 21 blue        | 000-255 | 0-100% |
| 126 | Dot 21 white       | 000-255 | 0-100% |
| 127 | Dot 22 dimmer      | 000-255 | 0-100% |
| 128 | Dot 22 fine dimmer | 000-255 | 0-100% |
| 129 | Dot 22 red         | 000-255 | 0-100% |
| 130 | Dot 22 green       | 000-255 | 0-100% |
| 131 | Dot 22 blue        | 000-255 | 0-100% |
| 132 | Dot 22 white       | 000-255 | 0-100% |
| 133 | Dot 23 dimmer      | 000-255 | 0-100% |
| 134 | Dot 23 fine dimmer | 000-255 | 0-100% |
| 135 | Dot 23 red         | 000-255 | 0-100% |
| 136 | Dot 23 green       | 000-255 | 0-100% |
| 137 | Dot 23 blue        | 000-255 | 0-100% |
| 138 | Dot 23 white       | 000-255 | 0-100% |
| 139 | Dot 24 dimmer      | 000-255 | 0-100% |
| 140 | Dot 24 fine dimmer | 000-255 | 0-100% |
| 141 | Dot 24 red         | 000-255 | 0-100% |
| 142 | Dot 24 green       | 000-255 | 0-100% |
| 143 | Dot 24 blue        | 000-255 | 0-100% |
| 144 | Dot 24 white       | 000-255 | 0-100% |
| 145 | Cell 1 dimmer      | 000-255 | 0-100% |
| 146 | Cell 1 fine dimmer | 000-255 | 0-100% |
| 147 | Cell 1 red         | 000-255 | 0-100% |
| 148 | Cell 1 green       | 000-255 | 0-100% |
| 149 | Cell 1 blue        | 000-255 | 0-100% |
| 150 | Cell 1 white       | 000-255 | 0-100% |
| 151 | Cell 2 dimmer      | 000-255 | 0-100% |
| 152 | Cell 2 fine dimmer | 000-255 | 0-100% |
| 153 | Cell 2 red         | 000-255 | 0-100% |
| 154 | Cell 2 green       | 000-255 | 0-100% |
| 155 | Cell 2 blue        | 000-255 | 0-100% |
| 156 | Cell 2 white       | 000-255 | 0-100% |
| 157 | Cell 3 dimmer      | 000-255 | 0-100% |
| 158 | Cell 3 fine dimmer | 000-255 | 0-100% |
| 159 | Cell 3 red         | 000-255 | 0-100% |



|     |                     |         |        |
|-----|---------------------|---------|--------|
| 160 | Cell 3 green        | 000-255 | 0-100% |
| 161 | Cell 3 blue         | 000-255 | 0-100% |
| 162 | Cell 3 white        | 000-255 | 0-100% |
| 163 | Cell 4 dimmer       | 000-255 | 0-100% |
| 164 | Cell 4 fine dimmer  | 000-255 | 0-100% |
| 165 | Cell 4 red          | 000-255 | 0-100% |
| 166 | Cell 4 green        | 000-255 | 0-100% |
| 167 | Cell 4 blue         | 000-255 | 0-100% |
| 168 | Cell 4 white        | 000-255 | 0-100% |
| 169 | Cell 5 dimmer       | 000-255 | 0-100% |
| 170 | Cell 5 fine dimmer  | 000-255 | 0-100% |
| 171 | Cell 5 red          | 000-255 | 0-100% |
| 172 | Cell 5 green        | 000-255 | 0-100% |
| 173 | Cell 5 blue         | 000-255 | 0-100% |
| 174 | Cell 5 white        | 000-255 | 0-100% |
| 175 | Cell 6 dimmer       | 000-255 | 0-100% |
| 176 | Cell 6 fine dimmer  | 000-255 | 0-100% |
| 177 | Cell 6 red          | 000-255 | 0-100% |
| 178 | Cell 6 green        | 000-255 | 0-100% |
| 179 | Cell 6 blue         | 000-255 | 0-100% |
| 180 | Cell 6 white        | 000-255 | 0-100% |
| 181 | Cell 7 dimmer       | 000-255 | 0-100% |
| 182 | Cell 7 fine dimmer  | 000-255 | 0-100% |
| 183 | Cell 7 red          | 000-255 | 0-100% |
| 184 | Cell 7 green        | 000-255 | 0-100% |
| 185 | Cell 7 blue         | 000-255 | 0-100% |
| 186 | Cell 7 white        | 000-255 | 0-100% |
| 187 | Cell 8 dimmer       | 000-255 | 0-100% |
| 188 | Cell 8 fine dimmer  | 000-255 | 0-100% |
| 189 | Cell 8 red          | 000-255 | 0-100% |
| 190 | Cell 8 green        | 000-255 | 0-100% |
| 191 | Cell 8 blue         | 000-255 | 0-100% |
| 192 | Cell 8 white        | 000-255 | 0-100% |
| 193 | Cell 9 dimmer       | 000-255 | 0-100% |
| 194 | Cell 9 fine dimmer  | 000-255 | 0-100% |
| 195 | Cell 9 red          | 000-255 | 0-100% |
| 196 | Cell 9 green        | 000-255 | 0-100% |
| 197 | Cell 9 blue         | 000-255 | 0-100% |
| 198 | Cell 9 white        | 000-255 | 0-100% |
| 199 | Cell 10 dimmer      | 000-255 | 0-100% |
| 200 | Cell 10 fine dimmer | 000-255 | 0-100% |
| 201 | Cell 10 red         | 000-255 | 0-100% |
| 202 | Cell 10 green       | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 203 | Cell 10 blue        | 000-255 | 0-100% |
| 204 | Cell 10 white       | 000-255 | 0-100% |
| 205 | Cell 11 dimmer      | 000-255 | 0-100% |
| 206 | Cell 11 fine dimmer | 000-255 | 0-100% |
| 207 | Cell 11 red         | 000-255 | 0-100% |
| 208 | Cell 11 green       | 000-255 | 0-100% |
| 209 | Cell 11 blue        | 000-255 | 0-100% |
| 210 | Cell 11 white       | 000-255 | 0-100% |
| 211 | Cell 12 dimmer      | 000-255 | 0-100% |
| 212 | Cell 12 fine dimmer | 000-255 | 0-100% |
| 213 | Cell 12 red         | 000-255 | 0-100% |
| 214 | Cell 12 green       | 000-255 | 0-100% |
| 215 | Cell 12 blue        | 000-255 | 0-100% |
| 216 | Cell 12 white       | 000-255 | 0-100% |
| 217 | Cell 13 dimmer      | 000-255 | 0-100% |
| 218 | Cell 13 fine dimmer | 000-255 | 0-100% |
| 219 | Cell 13 red         | 000-255 | 0-100% |
| 220 | Cell 13 green       | 000-255 | 0-100% |
| 221 | Cell 13 blue        | 000-255 | 0-100% |
| 222 | Cell 13 white       | 000-255 | 0-100% |
| 223 | Cell 14 dimmer      | 000-255 | 0-100% |
| 224 | Cell 14 fine dimmer | 000-255 | 0-100% |
| 225 | Cell 14 red         | 000-255 | 0-100% |
| 226 | Cell 14 green       | 000-255 | 0-100% |
| 227 | Cell 14 blue        | 000-255 | 0-100% |
| 228 | Cell 14 white       | 000-255 | 0-100% |
| 229 | Cell 15 dimmer      | 000-255 | 0-100% |
| 230 | Cell 15 fine dimmer | 000-255 | 0-100% |
| 231 | Cell 15 red         | 000-255 | 0-100% |
| 232 | Cell 15 green       | 000-255 | 0-100% |
| 233 | Cell 15 blue        | 000-255 | 0-100% |
| 234 | Cell 15 white       | 000-255 | 0-100% |
| 235 | Cell 16 dimmer      | 000-255 | 0-100% |
| 236 | Cell 16 fine dimmer | 000-255 | 0-100% |
| 237 | Cell 16 red         | 000-255 | 0-100% |
| 238 | Cell 16 green       | 000-255 | 0-100% |
| 239 | Cell 16 blue        | 000-255 | 0-100% |
| 240 | Cell 16 white       | 000-255 | 0-100% |
| 241 | Cell 17 dimmer      | 000-255 | 0-100% |
| 242 | Cell 17 fine dimmer | 000-255 | 0-100% |
| 243 | Cell 17 red         | 000-255 | 0-100% |
| 244 | Cell 17 green       | 000-255 | 0-100% |
| 245 | Cell 17 blue        | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 246 | Cell 17 white       | 000-255 | 0-100% |
| 247 | Cell 18 dimmer      | 000-255 | 0-100% |
| 248 | Cell 18 fine dimmer | 000-255 | 0-100% |
| 249 | Cell 18 red         | 000-255 | 0-100% |
| 250 | Cell 18 green       | 000-255 | 0-100% |
| 251 | Cell 18 blue        | 000-255 | 0-100% |
| 252 | Cell 18 white       | 000-255 | 0-100% |
| 253 | Cell 19 dimmer      | 000-255 | 0-100% |
| 254 | Cell 19 fine dimmer | 000-255 | 0-100% |
| 255 | Cell 19 red         | 000-255 | 0-100% |
| 256 | Cell 19 green       | 000-255 | 0-100% |
| 257 | Cell 19 blue        | 000-255 | 0-100% |
| 258 | Cell 19 white       | 000-255 | 0-100% |
| 259 | Cell 20 dimmer      | 000-255 | 0-100% |
| 260 | Cell 20 fine dimmer | 000-255 | 0-100% |
| 261 | Cell 20 red         | 000-255 | 0-100% |
| 262 | Cell 20 green       | 000-255 | 0-100% |
| 263 | Cell 20 blue        | 000-255 | 0-100% |
| 264 | Cell 20 white       | 000-255 | 0-100% |
| 265 | Cell 21 dimmer      | 000-255 | 0-100% |
| 266 | Cell 21 fine dimmer | 000-255 | 0-100% |
| 267 | Cell 21 red         | 000-255 | 0-100% |
| 268 | Cell 21 green       | 000-255 | 0-100% |
| 269 | Cell 21 blue        | 000-255 | 0-100% |
| 270 | Cell 21 white       | 000-255 | 0-100% |
| 271 | Cell 22 dimmer      | 000-255 | 0-100% |
| 272 | Cell 22 fine dimmer | 000-255 | 0-100% |
| 273 | Cell 22 red         | 000-255 | 0-100% |
| 274 | Cell 22 green       | 000-255 | 0-100% |
| 275 | Cell 22 blue        | 000-255 | 0-100% |
| 276 | Cell 22 white       | 000-255 | 0-100% |
| 277 | Cell 23 dimmer      | 000-255 | 0-100% |
| 278 | Cell 23 fine dimmer | 000-255 | 0-100% |
| 279 | Cell 23 red         | 000-255 | 0-100% |
| 280 | Cell 23 green       | 000-255 | 0-100% |
| 281 | Cell 23 blue        | 000-255 | 0-100% |
| 282 | Cell 23 white       | 000-255 | 0-100% |
| 283 | Cell 24 dimmer      | 000-255 | 0-100% |
| 284 | Cell 24 fine dimmer | 000-255 | 0-100% |
| 285 | Cell 24 red         | 000-255 | 0-100% |
| 286 | Cell 24 green       | 000-255 | 0-100% |
| 287 | Cell 24 blue        | 000-255 | 0-100% |
| 288 | Cell 24 white       | 000-255 | 0-100% |

**DMX 512 244CHs Dual Control Pixles Modes**

| CH | Function          | Value   | Percent/Setting |
|----|-------------------|---------|-----------------|
| 1  | Dot 1 dimmer      | 000-255 | 0-100%          |
| 2  | Dot 1 fine dimmer | 000-255 | 0-100%          |
| 3  | Dot 1 red         | 000-255 | 0-100%          |
| 4  | Dot 1 green       | 000-255 | 0-100%          |
| 5  | Dot 1 blue        | 000-255 | 0-100%          |
| 6  | Dot 2 dimmer      | 000-255 | 0-100%          |
| 7  | Dot 2 fine dimmer | 000-255 | 0-100%          |
| 8  | Dot 2 red         | 000-255 | 0-100%          |
| 9  | Dot 2 green       | 000-255 | 0-100%          |
| 10 | Dot 2 blue        | 000-255 | 0-100%          |
| 11 | Dot 3 dimmer      | 000-255 | 0-100%          |
| 12 | Dot 3 fine dimmer | 000-255 | 0-100%          |
| 13 | Dot 3 red         | 000-255 | 0-100%          |
| 14 | Dot 3 green       | 000-255 | 0-100%          |
| 15 | Dot 3 blue        | 000-255 | 0-100%          |
| 16 | Dot 4 dimmer      | 000-255 | 0-100%          |
| 17 | Dot 4 fine dimmer | 000-255 | 0-100%          |
| 18 | Dot 4 red         | 000-255 | 0-100%          |
| 19 | Dot 4 green       | 000-255 | 0-100%          |
| 20 | Dot 4 blue        | 000-255 | 0-100%          |
| 21 | Dot 5 dimmer      | 000-255 | 0-100%          |
| 22 | Dot 5 fine dimmer | 000-255 | 0-100%          |
| 23 | Dot 5 red         | 000-255 | 0-100%          |
| 24 | Dot 5 green       | 000-255 | 0-100%          |
| 25 | Dot 5 blue        | 000-255 | 0-100%          |
| 26 | Dot 6 dimmer      | 000-255 | 0-100%          |
| 27 | Dot 6 fine dimmer | 000-255 | 0-100%          |
| 28 | Dot 6 red         | 000-255 | 0-100%          |
| 29 | Dot 6 green       | 000-255 | 0-100%          |
| 30 | Dot 6 blue        | 000-255 | 0-100%          |
| 31 | Dot 7 dimmer      | 000-255 | 0-100%          |
| 32 | Dot 7 fine dimmer | 000-255 | 0-100%          |
| 33 | Dot 7 red         | 000-255 | 0-100%          |
| 34 | Dot 7 green       | 000-255 | 0-100%          |
| 35 | Dot 7 blue        | 000-255 | 0-100%          |
| 36 | Dot 8 dimmer      | 000-255 | 0-100%          |
| 37 | Dot 8 fine dimmer | 000-255 | 0-100%          |
| 38 | Dot 8 red         | 000-255 | 0-100%          |
| 39 | Dot 8 green       | 000-255 | 0-100%          |
| 40 | Dot 8 blue        | 000-255 | 0-100%          |
| 41 | Dot 9 dimmer      | 000-255 | 0-100%          |

|    |                    |         |        |
|----|--------------------|---------|--------|
| 42 | Dot 9 fine dimmer  | 000-255 | 0-100% |
| 43 | Dot 9 red          | 000-255 | 0-100% |
| 44 | Dot 9 green        | 000-255 | 0-100% |
| 45 | Dot 9 blue         | 000-255 | 0-100% |
| 46 | Dot 10 dimmer      | 000-255 | 0-100% |
| 47 | Dot 10 fine dimmer | 000-255 | 0-100% |
| 48 | Dot 10 red         | 000-255 | 0-100% |
| 49 | Dot 10 green       | 000-255 | 0-100% |
| 50 | Dot 10 blue        | 000-255 | 0-100% |
| 51 | Dot 11 dimmer      | 000-255 | 0-100% |
| 52 | Dot 11 fine dimmer | 000-255 | 0-100% |
| 53 | Dot 11 red         | 000-255 | 0-100% |
| 54 | Dot 11 green       | 000-255 | 0-100% |
| 55 | Dot 11 blue        | 000-255 | 0-100% |
| 56 | Dot 12 dimmer      | 000-255 | 0-100% |
| 57 | Dot 12 fine dimmer | 000-255 | 0-100% |
| 58 | Dot 12 red         | 000-255 | 0-100% |
| 59 | Dot 12 green       | 000-255 | 0-100% |
| 60 | Dot 12 blue        | 000-255 | 0-100% |
| 61 | Dot 13 dimmer      | 000-255 | 0-100% |
| 62 | Dot 13 fine dimmer | 000-255 | 0-100% |
| 63 | Dot 13 red         | 000-255 | 0-100% |
| 64 | Dot 13 green       | 000-255 | 0-100% |
| 65 | Dot 13 blue        | 000-255 | 0-100% |
| 66 | Dot 14 dimmer      | 000-255 | 0-100% |
| 67 | Dot 14 fine dimmer | 000-255 | 0-100% |
| 68 | Dot 14 red         | 000-255 | 0-100% |
| 69 | Dot 14 green       | 000-255 | 0-100% |
| 70 | Dot 14 blue        | 000-255 | 0-100% |
| 71 | Dot 15 dimmer      | 000-255 | 0-100% |
| 72 | Dot 15 fine dimmer | 000-255 | 0-100% |
| 73 | Dot 15 red         | 000-255 | 0-100% |
| 74 | Dot 15 green       | 000-255 | 0-100% |
| 75 | Dot 15 blue        | 000-255 | 0-100% |
| 76 | Dot 16 dimmer      | 000-255 | 0-100% |
| 77 | Dot 16 fine dimmer | 000-255 | 0-100% |
| 78 | Dot 16 red         | 000-255 | 0-100% |
| 79 | Dot 16 green       | 000-255 | 0-100% |
| 80 | Dot 16 blue        | 000-255 | 0-100% |
| 81 | Dot 17 dimmer      | 000-255 | 0-100% |
| 82 | Dot 17 fine dimmer | 000-255 | 0-100% |
| 83 | Dot 17 red         | 000-255 | 0-100% |

|     |                    |         |        |
|-----|--------------------|---------|--------|
| 84  | Dot 17 green       | 000-255 | 0-100% |
| 85  | Dot 17 blue        | 000-255 | 0-100% |
| 86  | Dot 18 dimmer      | 000-255 | 0-100% |
| 87  | Dot 18 fine dimmer | 000-255 | 0-100% |
| 88  | Dot 18 red         | 000-255 | 0-100% |
| 89  | Dot 18 green       | 000-255 | 0-100% |
| 90  | Dot 18 blue        | 000-255 | 0-100% |
| 91  | Dot 19 dimmer      | 000-255 | 0-100% |
| 92  | Dot 19 fine dimmer | 000-255 | 0-100% |
| 93  | Dot 19 red         | 000-255 | 0-100% |
| 94  | Dot 19 green       | 000-255 | 0-100% |
| 95  | Dot 19 blue        | 000-255 | 0-100% |
| 96  | Dot 20 dimmer      | 000-255 | 0-100% |
| 97  | Dot 20 fine dimmer | 000-255 | 0-100% |
| 98  | Dot 20 red         | 000-255 | 0-100% |
| 99  | Dot 20 green       | 000-255 | 0-100% |
| 100 | Dot 20 blue        | 000-255 | 0-100% |
| 101 | Dot 21 dimmer      | 000-255 | 0-100% |
| 102 | Dot 21 fine dimmer | 000-255 | 0-100% |
| 103 | Dot 21 red         | 000-255 | 0-100% |
| 104 | Dot 21 green       | 000-255 | 0-100% |
| 105 | Dot 21 blue        | 000-255 | 0-100% |
| 106 | Dot 22 dimmer      | 000-255 | 0-100% |
| 107 | Dot 22 fine dimmer | 000-255 | 0-100% |
| 108 | Dot 22 red         | 000-255 | 0-100% |
| 109 | Dot 22 green       | 000-255 | 0-100% |
| 110 | Dot 22 blue        | 000-255 | 0-100% |
| 111 | Dot 23 dimmer      | 000-255 | 0-100% |
| 112 | Dot 23 fine dimmer | 000-255 | 0-100% |
| 113 | Dot 23 red         | 000-255 | 0-100% |
| 114 | Dot 23 green       | 000-255 | 0-100% |
| 115 | Dot 23 blue        | 000-255 | 0-100% |
| 116 | Dot 24 dimmer      | 000-255 | 0-100% |
| 117 | Dot 24 fine dimmer | 000-255 | 0-100% |
| 118 | Dot 24 red         | 000-255 | 0-100% |
| 119 | Dot 24 green       | 000-255 | 0-100% |
| 120 | Dot 24 blue        | 000-255 | 0-100% |
| 121 | Cell 1 dimmer      | 000-255 | 0-100% |
| 122 | Cell 1 fine dimmer | 000-255 | 0-100% |
| 123 | Cell 1 red         | 000-255 | 0-100% |
| 124 | Cell 1 green       | 000-255 | 0-100% |
| 125 | Cell 1 blue        | 000-255 | 0-100% |
| 126 | Cell 2 dimmer      | 000-255 | 0-100% |



|     |                     |         |        |
|-----|---------------------|---------|--------|
| 127 | Cell 2 fine dimmer  | 000-255 | 0-100% |
| 128 | Cell 2 red          | 000-255 | 0-100% |
| 129 | Cell 2 green        | 000-255 | 0-100% |
| 130 | Cell 2 blue         | 000-255 | 0-100% |
| 131 | Cell 3 dimmer       | 000-255 | 0-100% |
| 132 | Cell 3 fine dimmer  | 000-255 | 0-100% |
| 133 | Cell 3 red          | 000-255 | 0-100% |
| 134 | Cell 3 green        | 000-255 | 0-100% |
| 135 | Cell 3 blue         | 000-255 | 0-100% |
| 136 | Cell 4 dimmer       | 000-255 | 0-100% |
| 137 | Cell 4 fine dimmer  | 000-255 | 0-100% |
| 138 | Cell 4 red          | 000-255 | 0-100% |
| 139 | Cell 4 green        | 000-255 | 0-100% |
| 140 | Cell 4 blue         | 000-255 | 0-100% |
| 141 | Cell 5 dimmer       | 000-255 | 0-100% |
| 142 | Cell 5 fine dimmer  | 000-255 | 0-100% |
| 143 | Cell 5 red          | 000-255 | 0-100% |
| 144 | Cell 5 green        | 000-255 | 0-100% |
| 145 | Cell 5 blue         | 000-255 | 0-100% |
| 146 | Cell 6 dimmer       | 000-255 | 0-100% |
| 147 | Cell 6 fine dimmer  | 000-255 | 0-100% |
| 148 | Cell 6 red          | 000-255 | 0-100% |
| 149 | Cell 6 green        | 000-255 | 0-100% |
| 150 | Cell 6 blue         | 000-255 | 0-100% |
| 151 | Cell 7 dimmer       | 000-255 | 0-100% |
| 152 | Cell 7 fine dimmer  | 000-255 | 0-100% |
| 153 | Cell 7 red          | 000-255 | 0-100% |
| 154 | Cell 7 green        | 000-255 | 0-100% |
| 155 | Cell 7 blue         | 000-255 | 0-100% |
| 156 | Cell 8 dimmer       | 000-255 | 0-100% |
| 157 | Cell 8 fine dimmer  | 000-255 | 0-100% |
| 158 | Cell 8 red          | 000-255 | 0-100% |
| 159 | Cell 8 green        | 000-255 | 0-100% |
| 160 | Cell 8 blue         | 000-255 | 0-100% |
| 161 | Cell 9 dimmer       | 000-255 | 0-100% |
| 162 | Cell 9 fine dimmer  | 000-255 | 0-100% |
| 163 | Cell 9 red          | 000-255 | 0-100% |
| 164 | Cell 9 green        | 000-255 | 0-100% |
| 165 | Cell 9 blue         | 000-255 | 0-100% |
| 166 | Cell 10 dimmer      | 000-255 | 0-100% |
| 167 | Cell 10 fine dimmer | 000-255 | 0-100% |
| 168 | Cell 10 red         | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 169 | Cell 10 green       | 000-255 | 0-100% |
| 170 | Cell 10 blue        | 000-255 | 0-100% |
| 171 | Cell 11 dimmer      | 000-255 | 0-100% |
| 172 | Cell 11 fine dimmer | 000-255 | 0-100% |
| 173 | Cell 11 red         | 000-255 | 0-100% |
| 174 | Cell 11 green       | 000-255 | 0-100% |
| 175 | Cell 11 blue        | 000-255 | 0-100% |
| 176 | Cell 12 dimmer      | 000-255 | 0-100% |
| 177 | Cell 12 fine dimmer | 000-255 | 0-100% |
| 178 | Cell 12 red         | 000-255 | 0-100% |
| 179 | Cell 12 green       | 000-255 | 0-100% |
| 180 | Cell 12 blue        | 000-255 | 0-100% |
| 181 | Cell 13 dimmer      | 000-255 | 0-100% |
| 182 | Cell 13 fine dimmer | 000-255 | 0-100% |
| 183 | Cell 13 red         | 000-255 | 0-100% |
| 184 | Cell 13 green       | 000-255 | 0-100% |
| 185 | Cell 13 blue        | 000-255 | 0-100% |
| 186 | Cell 14 dimmer      | 000-255 | 0-100% |
| 187 | Cell 14 fine dimmer | 000-255 | 0-100% |
| 188 | Cell 14 red         | 000-255 | 0-100% |
| 189 | Cell 14 green       | 000-255 | 0-100% |
| 190 | Cell 14 blue        | 000-255 | 0-100% |
| 191 | Cell 15 dimmer      | 000-255 | 0-100% |
| 192 | Cell 15 fine dimmer | 000-255 | 0-100% |
| 193 | Cell 15 red         | 000-255 | 0-100% |
| 194 | Cell 15 green       | 000-255 | 0-100% |
| 195 | Cell 15 blue        | 000-255 | 0-100% |
| 196 | Cell 16 dimmer      | 000-255 | 0-100% |
| 197 | Cell 16 fine dimmer | 000-255 | 0-100% |
| 198 | Cell 16 red         | 000-255 | 0-100% |
| 199 | Cell 16 green       | 000-255 | 0-100% |
| 200 | Cell 16 blue        | 000-255 | 0-100% |
| 201 | Cell 17 dimmer      | 000-255 | 0-100% |
| 202 | Cell 17 fine dimmer | 000-255 | 0-100% |
| 203 | Cell 17 red         | 000-255 | 0-100% |
| 204 | Cell 17 green       | 000-255 | 0-100% |
| 205 | Cell 17 blue        | 000-255 | 0-100% |
| 206 | Cell 18 dimmer      | 000-255 | 0-100% |
| 207 | Cell 18 fine dimmer | 000-255 | 0-100% |
| 208 | Cell 18 red         | 000-255 | 0-100% |
| 209 | Cell 18 green       | 000-255 | 0-100% |
| 210 | Cell 18 blue        | 000-255 | 0-100% |
| 211 | Cell 19 dimmer      | 000-255 | 0-100% |

|     |                     |         |        |
|-----|---------------------|---------|--------|
| 212 | Cell 19 fine dimmer | 000-255 | 0-100% |
| 213 | Cell 19 red         | 000-255 | 0-100% |
| 214 | Cell 19 green       | 000-255 | 0-100% |
| 215 | Cell 19 blue        | 000-255 | 0-100% |
| 216 | Cell 20 dimmer      | 000-255 | 0-100% |
| 217 | Cell 20 fine dimmer | 000-255 | 0-100% |
| 218 | Cell 20 red         | 000-255 | 0-100% |
| 219 | Cell 20 green       | 000-255 | 0-100% |
| 220 | Cell 20 blue        | 000-255 | 0-100% |
| 221 | Cell 21 dimmer      | 000-255 | 0-100% |
| 222 | Cell 21 fine dimmer | 000-255 | 0-100% |
| 223 | Cell 21 red         | 000-255 | 0-100% |
| 224 | Cell 21 green       | 000-255 | 0-100% |
| 225 | Cell 21 blue        | 000-255 | 0-100% |
| 226 | Cell 22 dimmer      | 000-255 | 0-100% |
| 227 | Cell 22 fine dimmer | 000-255 | 0-100% |
| 228 | Cell 22 red         | 000-255 | 0-100% |
| 229 | Cell 22 green       | 000-255 | 0-100% |
| 230 | Cell 22 blue        | 000-255 | 0-100% |
| 231 | Cell 23 dimmer      | 000-255 | 0-100% |
| 232 | Cell 23 fine dimmer | 000-255 | 0-100% |
| 233 | Cell 23 red         | 000-255 | 0-100% |
| 234 | Cell 23 green       | 000-255 | 0-100% |
| 235 | Cell 23 blue        | 000-255 | 0-100% |
| 236 | Cell 24 dimmer      | 000-255 | 0-100% |
| 237 | Cell 24 fine dimmer | 000-255 | 0-100% |
| 238 | Cell 24 red         | 000-255 | 0-100% |
| 239 | Cell 24 green       | 000-255 | 0-100% |
| 240 | Cell 24 blue        | 000-255 | 0-100% |

#### DMX 512 192CHs Dual Control Pixles Modes

| CH | Function    | Value   | Percent/Setting |
|----|-------------|---------|-----------------|
| 1  | Dot 1 red   | 000-255 | 0-100%          |
| 2  | Dot 1 green | 000-255 | 0-100%          |
| 3  | Dot 1 blue  | 000-255 | 0-100%          |
| 4  | Dot 1 white | 000-255 | 0-100%          |
| 5  | Dot 2 red   | 000-255 | 0-100%          |
| 6  | Dot 2 green | 000-255 | 0-100%          |
| 7  | Dot 2 blue  | 000-255 | 0-100%          |
| 8  | Dot 2 white | 000-255 | 0-100%          |
| 9  | Dot 3 red   | 000-255 | 0-100%          |
| 10 | Dot 3 green | 000-255 | 0-100%          |
| 11 | Dot 3 blue  | 000-255 | 0-100%          |

|    |              |         |        |
|----|--------------|---------|--------|
| 12 | Dot 3 white  | 000-255 | 0-100% |
| 13 | Dot 4 red    | 000-255 | 0-100% |
| 14 | Dot 4 green  | 000-255 | 0-100% |
| 15 | Dot 4 blue   | 000-255 | 0-100% |
| 16 | Dot 4 white  | 000-255 | 0-100% |
| 17 | Dot 5 red    | 000-255 | 0-100% |
| 18 | Dot 5 green  | 000-255 | 0-100% |
| 19 | Dot 5 blue   | 000-255 | 0-100% |
| 20 | Dot 5 white  | 000-255 | 0-100% |
| 21 | Dot 6 red    | 000-255 | 0-100% |
| 22 | Dot 6 green  | 000-255 | 0-100% |
| 23 | Dot 6 blue   | 000-255 | 0-100% |
| 24 | Dot 6 white  | 000-255 | 0-100% |
| 25 | Dot 7 red    | 000-255 | 0-100% |
| 26 | Dot 7 green  | 000-255 | 0-100% |
| 27 | Dot 7 blue   | 000-255 | 0-100% |
| 28 | Dot 7 white  | 000-255 | 0-100% |
| 29 | Dot 8 red    | 000-255 | 0-100% |
| 30 | Dot 8 green  | 000-255 | 0-100% |
| 31 | Dot 8 blue   | 000-255 | 0-100% |
| 32 | Dot 8 white  | 000-255 | 0-100% |
| 33 | Dot 9 red    | 000-255 | 0-100% |
| 34 | Dot 9 green  | 000-255 | 0-100% |
| 35 | Dot 9 blue   | 000-255 | 0-100% |
| 36 | Dot 9 white  | 000-255 | 0-100% |
| 37 | Dot 10 red   | 000-255 | 0-100% |
| 38 | Dot 10 green | 000-255 | 0-100% |
| 39 | Dot 10 blue  | 000-255 | 0-100% |
| 40 | Dot 10 white | 000-255 | 0-100% |
| 41 | Dot 11 red   | 000-255 | 0-100% |
| 42 | Dot 11 green | 000-255 | 0-100% |
| 43 | Dot 11 blue  | 000-255 | 0-100% |
| 44 | Dot 11 white | 000-255 | 0-100% |
| 45 | Dot 12 red   | 000-255 | 0-100% |
| 46 | Dot 12 green | 000-255 | 0-100% |
| 47 | Dot 12 blue  | 000-255 | 0-100% |
| 48 | Dot 12 white | 000-255 | 0-100% |
| 49 | Dot 13 red   | 000-255 | 0-100% |
| 50 | Dot 13 green | 000-255 | 0-100% |
| 51 | Dot 13 blue  | 000-255 | 0-100% |
| 52 | Dot 13 white | 000-255 | 0-100% |
| 53 | Dot 14 red   | 000-255 | 0-100% |
| 54 | Dot 14 green | 000-255 | 0-100% |
| 55 | Dot 14 blue  | 000-255 | 0-100% |
| 56 | Dot 14 white | 000-255 | 0-100% |
| 57 | Dot 15 red   | 000-255 | 0-100% |
| 58 | Dot 15 green | 000-255 | 0-100% |
| 59 | Dot 15 blue  | 000-255 | 0-100% |

|     |              |         |        |
|-----|--------------|---------|--------|
| 60  | Dot 15 white | 000-255 | 0-100% |
| 61  | Dot 16 red   | 000-255 | 0-100% |
| 62  | Dot 16 green | 000-255 | 0-100% |
| 63  | Dot 16 blue  | 000-255 | 0-100% |
| 64  | Dot 16 white | 000-255 | 0-100% |
| 65  | Dot 17 red   | 000-255 | 0-100% |
| 66  | Dot 17 green | 000-255 | 0-100% |
| 67  | Dot 17 blue  | 000-255 | 0-100% |
| 68  | Dot 17 white | 000-255 | 0-100% |
| 69  | Dot 18 red   | 000-255 | 0-100% |
| 70  | Dot 18 green | 000-255 | 0-100% |
| 71  | Dot 18 blue  | 000-255 | 0-100% |
| 72  | Dot 18 white | 000-255 | 0-100% |
| 73  | Dot 19 red   | 000-255 | 0-100% |
| 74  | Dot 19 green | 000-255 | 0-100% |
| 75  | Dot 19 blue  | 000-255 | 0-100% |
| 76  | Dot 19 white | 000-255 | 0-100% |
| 77  | Dot 20 red   | 000-255 | 0-100% |
| 78  | Dot 20 green | 000-255 | 0-100% |
| 79  | Dot 20 blue  | 000-255 | 0-100% |
| 80  | Dot 20 white | 000-255 | 0-100% |
| 81  | Dot 21 red   | 000-255 | 0-100% |
| 82  | Dot 21 green | 000-255 | 0-100% |
| 83  | Dot 21 blue  | 000-255 | 0-100% |
| 84  | Dot 21 white | 000-255 | 0-100% |
| 85  | Dot 22 red   | 000-255 | 0-100% |
| 86  | Dot 22 green | 000-255 | 0-100% |
| 87  | Dot 22 blue  | 000-255 | 0-100% |
| 88  | Dot 22 white | 000-255 | 0-100% |
| 89  | Dot 23 red   | 000-255 | 0-100% |
| 90  | Dot 23 green | 000-255 | 0-100% |
| 91  | Dot 23 blue  | 000-255 | 0-100% |
| 92  | Dot 23 white | 000-255 | 0-100% |
| 93  | Dot 24 red   | 000-255 | 0-100% |
| 94  | Dot 24 green | 000-255 | 0-100% |
| 95  | Dot 24 blue  | 000-255 | 0-100% |
| 96  | Dot 24 white | 000-255 | 0-100% |
| 97  | Cell 1 red   | 000-255 | 0-100% |
| 98  | Cell 1 green | 000-255 | 0-100% |
| 99  | Cell 1 blue  | 000-255 | 0-100% |
| 100 | Cell 1 white | 000-255 | 0-100% |
| 101 | Cell 2 red   | 000-255 | 0-100% |
| 102 | Cell 2 green | 000-255 | 0-100% |
| 103 | Cell 2 blue  | 000-255 | 0-100% |
| 104 | Cell 2 white | 000-255 | 0-100% |
| 105 | Cell 3 red   | 000-255 | 0-100% |
| 106 | Cell 3 green | 000-255 | 0-100% |
| 107 | Cell 3 blue  | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 108 | Cell 3 white  | 000-255 | 0-100% |
| 109 | Cell 4 red    | 000-255 | 0-100% |
| 110 | Cell 4 green  | 000-255 | 0-100% |
| 111 | Cell 4 blue   | 000-255 | 0-100% |
| 112 | Cell 4 white  | 000-255 | 0-100% |
| 113 | Cell 5 red    | 000-255 | 0-100% |
| 114 | Cell 5 green  | 000-255 | 0-100% |
| 115 | Cell 5 blue   | 000-255 | 0-100% |
| 116 | Cell 5 white  | 000-255 | 0-100% |
| 117 | Cell 6 red    | 000-255 | 0-100% |
| 118 | Cell 6 green  | 000-255 | 0-100% |
| 119 | Cell 6 blue   | 000-255 | 0-100% |
| 120 | Cell 6 white  | 000-255 | 0-100% |
| 121 | Cell 7 red    | 000-255 | 0-100% |
| 122 | Cell 7 green  | 000-255 | 0-100% |
| 123 | Cell 7 blue   | 000-255 | 0-100% |
| 124 | Cell 7 white  | 000-255 | 0-100% |
| 125 | Cell 8 red    | 000-255 | 0-100% |
| 126 | Cell 8 green  | 000-255 | 0-100% |
| 127 | Cell 8 blue   | 000-255 | 0-100% |
| 128 | Cell 8 white  | 000-255 | 0-100% |
| 129 | Cell 9 red    | 000-255 | 0-100% |
| 130 | Cell 9 green  | 000-255 | 0-100% |
| 131 | Cell 9 blue   | 000-255 | 0-100% |
| 132 | Cell 9 white  | 000-255 | 0-100% |
| 133 | Cell 10 red   | 000-255 | 0-100% |
| 134 | Cell 10 green | 000-255 | 0-100% |
| 135 | Cell 10 blue  | 000-255 | 0-100% |
| 136 | Cell 10 white | 000-255 | 0-100% |
| 137 | Cell 11 red   | 000-255 | 0-100% |
| 138 | Cell 11 green | 000-255 | 0-100% |
| 139 | Cell 11 blue  | 000-255 | 0-100% |
| 140 | Cell 11 white | 000-255 | 0-100% |
| 141 | Cell 12 red   | 000-255 | 0-100% |
| 142 | Cell 12 green | 000-255 | 0-100% |
| 143 | Cell 12 blue  | 000-255 | 0-100% |
| 144 | Cell 12 white | 000-255 | 0-100% |
| 145 | Cell 13 red   | 000-255 | 0-100% |
| 146 | Cell 13 green | 000-255 | 0-100% |
| 147 | Cell 13 blue  | 000-255 | 0-100% |
| 148 | Cell 13 white | 000-255 | 0-100% |
| 149 | Cell 14 red   | 000-255 | 0-100% |
| 150 | Cell 14 green | 000-255 | 0-100% |
| 151 | Cell 14 blue  | 000-255 | 0-100% |
| 152 | Cell 14 white | 000-255 | 0-100% |
| 153 | Cell 15 red   | 000-255 | 0-100% |
| 154 | Cell 15 green | 000-255 | 0-100% |
| 155 | Cell 15 blue  | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 156 | Cell 15 white | 000-255 | 0-100% |
| 157 | Cell 16 red   | 000-255 | 0-100% |
| 158 | Cell 16 green | 000-255 | 0-100% |
| 159 | Cell 16 blue  | 000-255 | 0-100% |
| 160 | Cell 16 white | 000-255 | 0-100% |
| 161 | Cell 17 red   | 000-255 | 0-100% |
| 162 | Cell 17 green | 000-255 | 0-100% |
| 163 | Cell 17 blue  | 000-255 | 0-100% |
| 164 | Cell 17 white | 000-255 | 0-100% |
| 165 | Cell 18 red   | 000-255 | 0-100% |
| 166 | Cell 18 green | 000-255 | 0-100% |
| 167 | Cell 18 blue  | 000-255 | 0-100% |
| 168 | Cell 18 white | 000-255 | 0-100% |
| 169 | Cell 19 red   | 000-255 | 0-100% |
| 170 | Cell 19 green | 000-255 | 0-100% |
| 171 | Cell 19 blue  | 000-255 | 0-100% |
| 172 | Cell 19 white | 000-255 | 0-100% |
| 173 | Cell 20 red   | 000-255 | 0-100% |
| 174 | Cell 20 green | 000-255 | 0-100% |
| 175 | Cell 20 blue  | 000-255 | 0-100% |
| 176 | Cell 20 white | 000-255 | 0-100% |
| 177 | Cell 21 red   | 000-255 | 0-100% |
| 178 | Cell 21 green | 000-255 | 0-100% |
| 179 | Cell 21 blue  | 000-255 | 0-100% |
| 180 | Cell 21 white | 000-255 | 0-100% |
| 181 | Cell 22 red   | 000-255 | 0-100% |
| 182 | Cell 22 green | 000-255 | 0-100% |
| 183 | Cell 22 blue  | 000-255 | 0-100% |
| 184 | Cell 22 white | 000-255 | 0-100% |
| 185 | Cell 23 red   | 000-255 | 0-100% |
| 186 | Cell 23 green | 000-255 | 0-100% |
| 187 | Cell 23 blue  | 000-255 | 0-100% |
| 188 | Cell 23 white | 000-255 | 0-100% |
| 189 | Cell 24 red   | 000-255 | 0-100% |
| 190 | Cell 24 green | 000-255 | 0-100% |
| 191 | Cell 24 blue  | 000-255 | 0-100% |
| 192 | Cell 24 white | 000-255 | 0-100% |

#### DMX 512 144CHs Dual Control Pixles Modes

| CH | Function    | Value   | Percent/Setting |
|----|-------------|---------|-----------------|
| 1  | Dot 1 red   | 000-255 | 0-100%          |
| 2  | Dot 1 green | 000-255 | 0-100%          |
| 3  | Dot 1 blue  | 000-255 | 0-100%          |
| 4  | Dot 2 red   | 000-255 | 0-100%          |
| 5  | Dot 2 green | 000-255 | 0-100%          |
| 6  | Dot 2 blue  | 000-255 | 0-100%          |



|    |              |         |        |
|----|--------------|---------|--------|
| 7  | Dot 3 red    | 000-255 | 0-100% |
| 8  | Dot 3 green  | 000-255 | 0-100% |
| 9  | Dot 3 blue   | 000-255 | 0-100% |
| 10 | Dot 4 red    | 000-255 | 0-100% |
| 11 | Dot 4 green  | 000-255 | 0-100% |
| 12 | Dot 4 blue   | 000-255 | 0-100% |
| 13 | Dot 5 red    | 000-255 | 0-100% |
| 14 | Dot 5 green  | 000-255 | 0-100% |
| 15 | Dot 5 blue   | 000-255 | 0-100% |
| 16 | Dot 6 red    | 000-255 | 0-100% |
| 17 | Dot 6 green  | 000-255 | 0-100% |
| 18 | Dot 6 blue   | 000-255 | 0-100% |
| 19 | Dot 7 red    | 000-255 | 0-100% |
| 20 | Dot 7 green  | 000-255 | 0-100% |
| 21 | Dot 7 blue   | 000-255 | 0-100% |
| 22 | Dot 8 red    | 000-255 | 0-100% |
| 23 | Dot 8 green  | 000-255 | 0-100% |
| 24 | Dot 8 blue   | 000-255 | 0-100% |
| 25 | Dot 9 red    | 000-255 | 0-100% |
| 26 | Dot 9 green  | 000-255 | 0-100% |
| 27 | Dot 9 blue   | 000-255 | 0-100% |
| 28 | Dot 10 red   | 000-255 | 0-100% |
| 29 | Dot 10 green | 000-255 | 0-100% |
| 30 | Dot 10 blue  | 000-255 | 0-100% |
| 31 | Dot 11 red   | 000-255 | 0-100% |
| 32 | Dot 11 green | 000-255 | 0-100% |
| 33 | Dot 11 blue  | 000-255 | 0-100% |
| 34 | Dot 12 red   | 000-255 | 0-100% |
| 35 | Dot 12 green | 000-255 | 0-100% |
| 36 | Dot 12 blue  | 000-255 | 0-100% |
| 37 | Dot 13 red   | 000-255 | 0-100% |
| 38 | Dot 13 green | 000-255 | 0-100% |
| 39 | Dot 13 blue  | 000-255 | 0-100% |
| 40 | Dot 14 red   | 000-255 | 0-100% |
| 41 | Dot 14 green | 000-255 | 0-100% |
| 42 | Dot 14 blue  | 000-255 | 0-100% |
| 43 | Dot 15 red   | 000-255 | 0-100% |
| 44 | Dot 15 green | 000-255 | 0-100% |
| 45 | Dot 15 blue  | 000-255 | 0-100% |
| 46 | Dot 16 red   | 000-255 | 0-100% |
| 47 | Dot 16 green | 000-255 | 0-100% |
| 48 | Dot 16 blue  | 000-255 | 0-100% |
| 49 | Dot 17 red   | 000-255 | 0-100% |
| 50 | Dot 17 green | 000-255 | 0-100% |
| 51 | Dot 17 blue  | 000-255 | 0-100% |
| 52 | Dot 18 red   | 000-255 | 0-100% |
| 53 | Dot 18 green | 000-255 | 0-100% |
| 54 | Dot 18 blue  | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 55  | Dot 19 red    | 000-255 | 0-100% |
| 56  | Dot 19 green  | 000-255 | 0-100% |
| 57  | Dot 19 blue   | 000-255 | 0-100% |
| 58  | Dot 20 red    | 000-255 | 0-100% |
| 59  | Dot 20 green  | 000-255 | 0-100% |
| 60  | Dot 20 blue   | 000-255 | 0-100% |
| 61  | Dot 21 red    | 000-255 | 0-100% |
| 62  | Dot 21 green  | 000-255 | 0-100% |
| 63  | Dot 21 blue   | 000-255 | 0-100% |
| 64  | Dot 22 red    | 000-255 | 0-100% |
| 65  | Dot 22 green  | 000-255 | 0-100% |
| 66  | Dot 22 blue   | 000-255 | 0-100% |
| 67  | Dot 23 red    | 000-255 | 0-100% |
| 68  | Dot 23 green  | 000-255 | 0-100% |
| 69  | Dot 23 blue   | 000-255 | 0-100% |
| 70  | Dot 24 red    | 000-255 | 0-100% |
| 71  | Dot 24 green  | 000-255 | 0-100% |
| 72  | Dot 24 blue   | 000-255 | 0-100% |
| 73  | Cell 1 red    | 000-255 | 0-100% |
| 74  | Cell 1 green  | 000-255 | 0-100% |
| 75  | Cell 1 blue   | 000-255 | 0-100% |
| 76  | Cell 2 red    | 000-255 | 0-100% |
| 77  | Cell 2 green  | 000-255 | 0-100% |
| 78  | Cell 2 blue   | 000-255 | 0-100% |
| 79  | Cell 3 red    | 000-255 | 0-100% |
| 80  | Cell 3 green  | 000-255 | 0-100% |
| 81  | Cell 3 blue   | 000-255 | 0-100% |
| 82  | Cell 4 red    | 000-255 | 0-100% |
| 83  | Cell 4 green  | 000-255 | 0-100% |
| 84  | Cell 4 blue   | 000-255 | 0-100% |
| 85  | Cell 5 red    | 000-255 | 0-100% |
| 86  | Cell 5 green  | 000-255 | 0-100% |
| 87  | Cell 5 blue   | 000-255 | 0-100% |
| 88  | Cell 6 red    | 000-255 | 0-100% |
| 89  | Cell 6 green  | 000-255 | 0-100% |
| 90  | Cell 6 blue   | 000-255 | 0-100% |
| 91  | Cell 7 red    | 000-255 | 0-100% |
| 92  | Cell 7 green  | 000-255 | 0-100% |
| 93  | Cell 7 blue   | 000-255 | 0-100% |
| 94  | Cell 8 red    | 000-255 | 0-100% |
| 95  | Cell 8 green  | 000-255 | 0-100% |
| 96  | Cell 8 blue   | 000-255 | 0-100% |
| 97  | Cell 9 red    | 000-255 | 0-100% |
| 98  | Cell 9 green  | 000-255 | 0-100% |
| 99  | Cell 9 blue   | 000-255 | 0-100% |
| 100 | Cell 10 red   | 000-255 | 0-100% |
| 101 | Cell 10 green | 000-255 | 0-100% |
| 102 | Cell 10 blue  | 000-255 | 0-100% |

|     |               |         |        |
|-----|---------------|---------|--------|
| 103 | Cell 11 red   | 000-255 | 0-100% |
| 104 | Cell 11 green | 000-255 | 0-100% |
| 105 | Cell 11 blue  | 000-255 | 0-100% |
| 106 | Cell 12 red   | 000-255 | 0-100% |
| 107 | Cell 12 green | 000-255 | 0-100% |
| 108 | Cell 12 blue  | 000-255 | 0-100% |
| 109 | Cell 13 red   | 000-255 | 0-100% |
| 110 | Cell 13 green | 000-255 | 0-100% |
| 111 | Cell 13 blue  | 000-255 | 0-100% |
| 112 | Cell 14 red   | 000-255 | 0-100% |
| 113 | Cell 14 green | 000-255 | 0-100% |
| 114 | Cell 14 blue  | 000-255 | 0-100% |
| 115 | Cell 15 red   | 000-255 | 0-100% |
| 116 | Cell 15 green | 000-255 | 0-100% |
| 117 | Cell 15 blue  | 000-255 | 0-100% |
| 118 | Cell 16 red   | 000-255 | 0-100% |
| 119 | Cell 16 green | 000-255 | 0-100% |
| 120 | Cell 16 blue  | 000-255 | 0-100% |
| 121 | Cell 17 red   | 000-255 | 0-100% |
| 122 | Cell 17 green | 000-255 | 0-100% |
| 123 | Cell 17 blue  | 000-255 | 0-100% |
| 124 | Cell 18 red   | 000-255 | 0-100% |
| 125 | Cell 18 green | 000-255 | 0-100% |
| 126 | Cell 18 blue  | 000-255 | 0-100% |
| 127 | Cell 19 red   | 000-255 | 0-100% |
| 128 | Cell 19 green | 000-255 | 0-100% |
| 129 | Cell 19 blue  | 000-255 | 0-100% |
| 130 | Cell 20 red   | 000-255 | 0-100% |
| 131 | Cell 20 green | 000-255 | 0-100% |
| 132 | Cell 20 blue  | 000-255 | 0-100% |
| 133 | Cell 21 red   | 000-255 | 0-100% |
| 134 | Cell 21 green | 000-255 | 0-100% |
| 135 | Cell 21 blue  | 000-255 | 0-100% |
| 136 | Cell 22 red   | 000-255 | 0-100% |
| 137 | Cell 22 green | 000-255 | 0-100% |
| 138 | Cell 22 blue  | 000-255 | 0-100% |
| 139 | Cell 23 red   | 000-255 | 0-100% |
| 140 | Cell 23 green | 000-255 | 0-100% |
| 141 | Cell 23 blue  | 000-255 | 0-100% |
| 142 | Cell 24 red   | 000-255 | 0-100% |
| 143 | Cell 24 green | 000-255 | 0-100% |
| 144 | Cell 24 blue  | 000-255 | 0-100% |

#### **DMX 512 144CHs Multi-Layer Control Dot/Cell Pixels**

| <b>CH</b> | <b>Function</b>   | <b>Value</b> | <b>Percent/Setting</b> |
|-----------|-------------------|--------------|------------------------|
| 1         | Dot/Cell 1 dimmer | 000-255      | 0-100%                 |

|    |                        |         |        |
|----|------------------------|---------|--------|
| 2  | Dot/Cell 1 fine dimmer | 000-255 | 0-100% |
| 3  | Dot/Cell 1 red         | 000-255 | 0-100% |
| 4  | Dot/Cell 1 green       | 000-255 | 0-100% |
| 5  | Dot/Cell 1 blue        | 000-255 | 0-100% |
| 6  | Dot/Cell 1 white       | 000-255 | 0-100% |
| 7  | Dot/Cell 2 dimmer      | 000-255 | 0-100% |
| 8  | Dot/Cell 2 fine dimmer | 000-255 | 0-100% |
| 9  | Dot/Cell 2 red         | 000-255 | 0-100% |
| 10 | Dot/Cell 2 green       | 000-255 | 0-100% |
| 11 | Dot/Cell 2 blue        | 000-255 | 0-100% |
| 12 | Dot/Cell 2 white       | 000-255 | 0-100% |
| 13 | Dot/Cell 3 dimmer      | 000-255 | 0-100% |
| 14 | Dot/Cell 3 fine dimmer | 000-255 | 0-100% |
| 15 | Dot/Cell 3 red         | 000-255 | 0-100% |
| 16 | Dot/Cell 3 green       | 000-255 | 0-100% |
| 17 | Dot/Cell 3 blue        | 000-255 | 0-100% |
| 18 | Dot/Cell 3 white       | 000-255 | 0-100% |
| 19 | Dot/Cell 4 dimmer      | 000-255 | 0-100% |
| 20 | Dot/Cell 4 fine dimmer | 000-255 | 0-100% |
| 21 | Dot/Cell 4 red         | 000-255 | 0-100% |
| 22 | Dot/Cell 4 green       | 000-255 | 0-100% |
| 23 | Dot/Cell 4 blue        | 000-255 | 0-100% |
| 24 | Dot/Cell 4 white       | 000-255 | 0-100% |
| 25 | Dot/Cell 5 dimmer      | 000-255 | 0-100% |
| 26 | Dot/Cell 5 fine dimmer | 000-255 | 0-100% |
| 27 | Dot/Cell 5 red         | 000-255 | 0-100% |
| 28 | Dot/Cell 5 green       | 000-255 | 0-100% |
| 29 | Dot/Cell 5 blue        | 000-255 | 0-100% |
| 30 | Dot/Cell 5 white       | 000-255 | 0-100% |
| 31 | Dot/Cell 6 dimmer      | 000-255 | 0-100% |
| 32 | Dot/Cell 6 fine dimmer | 000-255 | 0-100% |
| 33 | Dot/Cell 6 red         | 000-255 | 0-100% |
| 34 | Dot/Cell 6 green       | 000-255 | 0-100% |
| 35 | Dot/Cell 6 blue        | 000-255 | 0-100% |
| 36 | Dot/Cell 6 white       | 000-255 | 0-100% |
| 37 | Dot/Cell 7 dimmer      | 000-255 | 0-100% |
| 38 | Dot/Cell 7 fine dimmer | 000-255 | 0-100% |
| 39 | Dot/Cell 7 red         | 000-255 | 0-100% |
| 40 | Dot/Cell 7 green       | 000-255 | 0-100% |

|    |                         |         |        |
|----|-------------------------|---------|--------|
| 41 | Dot/Cell 7 blue         | 000-255 | 0-100% |
| 42 | Dot/Cell 7 white        | 000-255 | 0-100% |
| 43 | Dot/Cell 8 dimmer       | 000-255 | 0-100% |
| 44 | Dot/Cell 8 fine dimmer  | 000-255 | 0-100% |
| 45 | Dot/Cell 8 red          | 000-255 | 0-100% |
| 46 | Dot/Cell 8 green        | 000-255 | 0-100% |
| 47 | Dot/Cell 8 blue         | 000-255 | 0-100% |
| 48 | Dot/Cell 8 white        | 000-255 | 0-100% |
| 49 | Dot/Cell 9 dimmer       | 000-255 | 0-100% |
| 50 | Dot/Cell 9 fine dimmer  | 000-255 | 0-100% |
| 51 | Dot/Cell 9 red          | 000-255 | 0-100% |
| 52 | Dot/Cell 9 green        | 000-255 | 0-100% |
| 53 | Dot/Cell 9 blue         | 000-255 | 0-100% |
| 54 | Dot/Cell 9 white        | 000-255 | 0-100% |
| 55 | Dot/Cell 10 dimmer      | 000-255 | 0-100% |
| 56 | Dot/Cell 10 fine dimmer | 000-255 | 0-100% |
| 57 | Dot/Cell 10 red         | 000-255 | 0-100% |
| 58 | Dot/Cell 10 green       | 000-255 | 0-100% |
| 59 | Dot/Cell 10 blue        | 000-255 | 0-100% |
| 60 | Dot/Cell 10 white       | 000-255 | 0-100% |
| 61 | Dot/Cell 11 dimmer      | 000-255 | 0-100% |
| 62 | Dot/Cell 11 fine dimmer | 000-255 | 0-100% |
| 63 | Dot/Cell 11 red         | 000-255 | 0-100% |
| 64 | Dot/Cell 11 green       | 000-255 | 0-100% |
| 65 | Dot/Cell 11 blue        | 000-255 | 0-100% |
| 66 | Dot/Cell 11 white       | 000-255 | 0-100% |
| 67 | Dot/Cell 12 dimmer      | 000-255 | 0-100% |
| 68 | Dot/Cell 12 fine dimmer | 000-255 | 0-100% |
| 69 | Dot/Cell 12 red         | 000-255 | 0-100% |
| 70 | Dot/Cell 12 green       | 000-255 | 0-100% |
| 71 | Dot/Cell 12 blue        | 000-255 | 0-100% |
| 72 | Dot/Cell 12 white       | 000-255 | 0-100% |
| 73 | Dot/Cell 13 dimmer      | 000-255 | 0-100% |
| 74 | Dot/Cell 13 fine dimmer | 000-255 | 0-100% |
| 75 | Dot/Cell 13 red         | 000-255 | 0-100% |
| 76 | Dot/Cell 13 green       | 000-255 | 0-100% |
| 77 | Dot/Cell 13 blue        | 000-255 | 0-100% |

|     |                         |         |        |
|-----|-------------------------|---------|--------|
| 78  | Dot/Cell 13 white       | 000-255 | 0-100% |
| 79  | Dot/Cell 14 dimmer      | 000-255 | 0-100% |
| 80  | Dot/Cell 14 fine dimmer | 000-255 | 0-100% |
| 81  | Dot/Cell 14 red         | 000-255 | 0-100% |
| 82  | Dot/Cell 14 green       | 000-255 | 0-100% |
| 83  | Dot/Cell 14 blue        | 000-255 | 0-100% |
| 84  | Dot/Cell 14 white       | 000-255 | 0-100% |
| 85  | Dot/Cell 15 dimmer      | 000-255 | 0-100% |
| 86  | Dot/Cell 15 fine dimmer | 000-255 | 0-100% |
| 87  | Dot/Cell 15 red         | 000-255 | 0-100% |
| 88  | Dot/Cell 15 green       | 000-255 | 0-100% |
| 89  | Dot/Cell 15 blue        | 000-255 | 0-100% |
| 90  | Dot/Cell 15 white       | 000-255 | 0-100% |
| 91  | Dot/Cell 16 dimmer      | 000-255 | 0-100% |
| 92  | Dot/Cell 16 fine dimmer | 000-255 | 0-100% |
| 93  | Dot/Cell 16 red         | 000-255 | 0-100% |
| 94  | Dot/Cell 16 green       | 000-255 | 0-100% |
| 95  | Dot/Cell 16 blue        | 000-255 | 0-100% |
| 96  | Dot/Cell 16 white       | 000-255 | 0-100% |
| 97  | Dot/Cell 17 dimmer      | 000-255 | 0-100% |
| 98  | Dot/Cell 17 fine dimmer | 000-255 | 0-100% |
| 99  | Dot/Cell 17 red         | 000-255 | 0-100% |
| 100 | Dot/Cell 17 green       | 000-255 | 0-100% |
| 101 | Dot/Cell 17 blue        | 000-255 | 0-100% |
| 102 | Dot/Cell 17 white       | 000-255 | 0-100% |
| 103 | Dot/Cell 18 dimmer      | 000-255 | 0-100% |
| 104 | Dot/Cell 18 fine dimmer | 000-255 | 0-100% |
| 105 | Dot/Cell 18 red         | 000-255 | 0-100% |
| 106 | Dot/Cell 18 green       | 000-255 | 0-100% |
| 107 | Dot/Cell 18 blue        | 000-255 | 0-100% |
| 108 | Dot/Cell 18 white       | 000-255 | 0-100% |
| 109 | Dot/Cell 19 dimmer      | 000-255 | 0-100% |
| 110 | Dot/Cell 19 fine dimmer | 000-255 | 0-100% |
| 111 | Dot/Cell 19 red         | 000-255 | 0-100% |
| 112 | Dot/Cell 19 green       | 000-255 | 0-100% |
| 113 | Dot/Cell 19 blue        | 000-255 | 0-100% |

|     |                         |         |        |
|-----|-------------------------|---------|--------|
| 114 | Dot/Cell 19 white       | 000-255 | 0-100% |
| 115 | Dot/Cell 20 dimmer      | 000-255 | 0-100% |
| 116 | Dot/Cell 20 fine dimmer | 000-255 | 0-100% |
| 117 | Dot/Cell 20 red         | 000-255 | 0-100% |
| 118 | Dot/Cell 20 green       | 000-255 | 0-100% |
| 119 | Dot/Cell 20 blue        | 000-255 | 0-100% |
| 120 | Dot/Cell 20 white       | 000-255 | 0-100% |
| 121 | Dot/Cell 21 dimmer      | 000-255 | 0-100% |
| 122 | Dot/Cell 21 fine dimmer | 000-255 | 0-100% |
| 123 | Dot/Cell 21 red         | 000-255 | 0-100% |
| 124 | Dot/Cell 21 green       | 000-255 | 0-100% |
| 125 | Dot/Cell 21 blue        | 000-255 | 0-100% |
| 126 | Dot/Cell 21 white       | 000-255 | 0-100% |
| 127 | Dot/Cell 22 dimmer      | 000-255 | 0-100% |
| 128 | Dot/Cell 22 fine dimmer | 000-255 | 0-100% |
| 129 | Dot/Cell 22 red         | 000-255 | 0-100% |
| 130 | Dot/Cell 22 green       | 000-255 | 0-100% |
| 131 | Dot/Cell 22 blue        | 000-255 | 0-100% |
| 132 | Dot/Cell 22 white       | 000-255 | 0-100% |
| 133 | Dot/Cell 23 dimmer      | 000-255 | 0-100% |
| 134 | Dot/Cell 23 fine dimmer | 000-255 | 0-100% |
| 135 | Dot/Cell 23 red         | 000-255 | 0-100% |
| 136 | Dot/Cell 23 green       | 000-255 | 0-100% |
| 137 | Dot/Cell 23 blue        | 000-255 | 0-100% |
| 138 | Dot/Cell 23 white       | 000-255 | 0-100% |
| 139 | Dot/Cell 24 dimmer      | 000-255 | 0-100% |
| 140 | Dot/Cell 24 fine dimmer | 000-255 | 0-100% |
| 141 | Dot/Cell 24 red         | 000-255 | 0-100% |
| 142 | Dot/Cell 24 green       | 000-255 | 0-100% |
| 143 | Dot/Cell 24 blue        | 000-255 | 0-100% |
| 144 | Dot/Cell 24 white       | 000-255 | 0-100% |

#### **DMX 512 120CHs Multi-Layer Control Dot/Cell Pixels**

| <b>CH</b> | <b>Function</b>        | <b>Value</b> | <b>Percent/Setting</b> |
|-----------|------------------------|--------------|------------------------|
| 1         | Dot/Cell 1 dimmer      | 000-255      | 0-100%                 |
| 2         | Dot/Cell 1 fine dimmer | 000-255      | 0-100%                 |



|    |                        |         |        |
|----|------------------------|---------|--------|
| 3  | Dot/Cell 1 red         | 000-255 | 0-100% |
| 4  | Dot/Cell 1 green       | 000-255 | 0-100% |
| 5  | Dot/Cell 1 blue        | 000-255 | 0-100% |
| 6  | Dot/Cell 2 dimmer      | 000-255 | 0-100% |
| 7  | Dot/Cell 2 fine dimmer | 000-255 | 0-100% |
| 8  | Dot/Cell 2 red         | 000-255 | 0-100% |
| 9  | Dot/Cell 2 green       | 000-255 | 0-100% |
| 10 | Dot/Cell 2 blue        | 000-255 | 0-100% |
| 11 | Dot/Cell 3 dimmer      | 000-255 | 0-100% |
| 12 | Dot/Cell 3 fine dimmer | 000-255 | 0-100% |
| 13 | Dot/Cell 3 red         | 000-255 | 0-100% |
| 14 | Dot/Cell 3 green       | 000-255 | 0-100% |
| 15 | Dot/Cell 3 blue        | 000-255 | 0-100% |
| 16 | Dot/Cell 4 dimmer      | 000-255 | 0-100% |
| 17 | Dot/Cell 4 fine dimmer | 000-255 | 0-100% |
| 18 | Dot/Cell 4 red         | 000-255 | 0-100% |
| 19 | Dot/Cell 4 green       | 000-255 | 0-100% |
| 20 | Dot/Cell 4 blue        | 000-255 | 0-100% |
| 21 | Dot/Cell 5 dimmer      | 000-255 | 0-100% |
| 22 | Dot/Cell 5 fine dimmer | 000-255 | 0-100% |
| 23 | Dot/Cell 5 red         | 000-255 | 0-100% |
| 24 | Dot/Cell 5 green       | 000-255 | 0-100% |
| 25 | Dot/Cell 5 blue        | 000-255 | 0-100% |
| 26 | Dot/Cell 6 dimmer      | 000-255 | 0-100% |
| 27 | Dot/Cell 6 fine dimmer | 000-255 | 0-100% |
| 28 | Dot/Cell 6 red         | 000-255 | 0-100% |
| 29 | Dot/Cell 6 green       | 000-255 | 0-100% |
| 30 | Dot/Cell 6 blue        | 000-255 | 0-100% |
| 31 | Dot/Cell 7 dimmer      | 000-255 | 0-100% |
| 32 | Dot/Cell 7 fine dimmer | 000-255 | 0-100% |
| 33 | Dot/Cell 7 red         | 000-255 | 0-100% |
| 34 | Dot/Cell 7 green       | 000-255 | 0-100% |
| 35 | Dot/Cell 7 blue        | 000-255 | 0-100% |
| 36 | Dot/Cell 8 dimmer      | 000-255 | 0-100% |
| 37 | Dot/Cell 8 fine dimmer | 000-255 | 0-100% |
| 38 | Dot/Cell 8 red         | 000-255 | 0-100% |
| 39 | Dot/Cell 8 green       | 000-255 | 0-100% |
| 40 | Dot/Cell 8 blue        | 000-255 | 0-100% |
| 41 | Dot/Cell 9             | 000-255 | 0-100% |

|    |                         |         |        |
|----|-------------------------|---------|--------|
|    | dimmer                  |         |        |
| 42 | Dot/Cell 9 fine dimmer  | 000-255 | 0-100% |
| 43 | Dot/Cell 9 red          | 000-255 | 0-100% |
| 44 | Dot/Cell 9 green        | 000-255 | 0-100% |
| 45 | Dot/Cell 9 blue         | 000-255 | 0-100% |
| 46 | Dot/Cell 10 dimmer      | 000-255 | 0-100% |
| 47 | Dot/Cell 10 fine dimmer | 000-255 | 0-100% |
| 48 | Dot/Cell 10 red         | 000-255 | 0-100% |
| 49 | Dot/Cell 10 green       | 000-255 | 0-100% |
| 50 | Dot/Cell 10 blue        | 000-255 | 0-100% |
| 51 | Dot/Cell 11 dimmer      | 000-255 | 0-100% |
| 52 | Dot/Cell 11 fine dimmer | 000-255 | 0-100% |
| 53 | Dot/Cell 11 red         | 000-255 | 0-100% |
| 54 | Dot/Cell 11 green       | 000-255 | 0-100% |
| 55 | Dot/Cell 11 blue        | 000-255 | 0-100% |
| 56 | Dot/Cell 12 dimmer      | 000-255 | 0-100% |
| 57 | Dot/Cell 12 fine dimmer | 000-255 | 0-100% |
| 58 | Dot/Cell 12 red         | 000-255 | 0-100% |
| 59 | Dot/Cell 12 green       | 000-255 | 0-100% |
| 60 | Dot/Cell 12 blue        | 000-255 | 0-100% |
| 61 | Dot/Cell 13 dimmer      | 000-255 | 0-100% |
| 62 | Dot/Cell 13 fine dimmer | 000-255 | 0-100% |
| 63 | Dot/Cell 13 red         | 000-255 | 0-100% |
| 64 | Dot/Cell 13 green       | 000-255 | 0-100% |
| 65 | Dot/Cell 13 blue        | 000-255 | 0-100% |
| 66 | Dot/Cell 14 dimmer      | 000-255 | 0-100% |
| 67 | Dot/Cell 14 fine dimmer | 000-255 | 0-100% |
| 68 | Dot/Cell 14 red         | 000-255 | 0-100% |
| 69 | Dot/Cell 14 green       | 000-255 | 0-100% |
| 70 | Dot/Cell 14 blue        | 000-255 | 0-100% |
| 71 | Dot/Cell 15 dimmer      | 000-255 | 0-100% |
| 72 | Dot/Cell 15 fine dimmer | 000-255 | 0-100% |
| 73 | Dot/Cell 15 red         | 000-255 | 0-100% |
| 74 | Dot/Cell 15 green       | 000-255 | 0-100% |
| 75 | Dot/Cell 15 blue        | 000-255 | 0-100% |

|     |                            |         |        |
|-----|----------------------------|---------|--------|
| 76  | Dot/Cell 16<br>dimmer      | 000-255 | 0-100% |
| 77  | Dot/Cell 16 fine<br>dimmer | 000-255 | 0-100% |
| 78  | Dot/Cell 16 red            | 000-255 | 0-100% |
| 79  | Dot/Cell 16<br>green       | 000-255 | 0-100% |
| 80  | Dot/Cell 16 blue           | 000-255 | 0-100% |
| 81  | Dot/Cell 17<br>dimmer      | 000-255 | 0-100% |
| 82  | Dot/Cell 17 fine<br>dimmer | 000-255 | 0-100% |
| 83  | Dot/Cell 17 red            | 000-255 | 0-100% |
| 84  | Dot/Cell 17<br>green       | 000-255 | 0-100% |
| 85  | Dot/Cell 17 blue           | 000-255 | 0-100% |
| 86  | Dot/Cell 18<br>dimmer      | 000-255 | 0-100% |
| 87  | Dot/Cell 18 fine<br>dimmer | 000-255 | 0-100% |
| 88  | Dot/Cell 18 red            | 000-255 | 0-100% |
| 89  | Dot/Cell 18<br>green       | 000-255 | 0-100% |
| 90  | Dot/Cell 18 blue           | 000-255 | 0-100% |
| 91  | Dot/Cell 19<br>dimmer      | 000-255 | 0-100% |
| 92  | Dot/Cell 19 fine<br>dimmer | 000-255 | 0-100% |
| 93  | Dot/Cell 19 red            | 000-255 | 0-100% |
| 94  | Dot/Cell 19<br>green       | 000-255 | 0-100% |
| 95  | Dot/Cell 19 blue           | 000-255 | 0-100% |
| 96  | Dot/Cell 20<br>dimmer      | 000-255 | 0-100% |
| 97  | Dot/Cell 20 fine<br>dimmer | 000-255 | 0-100% |
| 98  | Dot/Cell 20 red            | 000-255 | 0-100% |
| 99  | Dot/Cell 20<br>green       | 000-255 | 0-100% |
| 100 | Dot/Cell 20 blue           | 000-255 | 0-100% |
| 101 | Dot/Cell 21<br>dimmer      | 000-255 | 0-100% |
| 102 | Dot/Cell 21 fine<br>dimmer | 000-255 | 0-100% |
| 103 | Dot/Cell 21 red            | 000-255 | 0-100% |
| 104 | Dot/Cell 21<br>green       | 000-255 | 0-100% |
| 105 | Dot/Cell 21 blue           | 000-255 | 0-100% |
| 106 | Dot/Cell 22<br>dimmer      | 000-255 | 0-100% |
| 107 | Dot/Cell 22 fine<br>dimmer | 000-255 | 0-100% |
| 108 | Dot/Cell 22 red            | 000-255 | 0-100% |
| 109 | Dot/Cell 22<br>green       | 000-255 | 0-100% |

|     |                         |         |        |
|-----|-------------------------|---------|--------|
| 110 | Dot/Cell 22 blue        | 000-255 | 0-100% |
| 111 | Dot/Cell 23 dimmer      | 000-255 | 0-100% |
| 112 | Dot/Cell 23 fine dimmer | 000-255 | 0-100% |
| 113 | Dot/Cell 23 red         | 000-255 | 0-100% |
| 114 | Dot/Cell 23 green       | 000-255 | 0-100% |
| 115 | Dot/Cell 23 blue        | 000-255 | 0-100% |
| 116 | Dot/Cell 24 dimmer      | 000-255 | 0-100% |
| 117 | Dot/Cell 24 fine dimmer | 000-255 | 0-100% |
| 118 | Dot/Cell 24 red         | 000-255 | 0-100% |
| 119 | Dot/Cell 24 green       | 000-255 | 0-100% |
| 120 | Dot/Cell 24 blue        | 000-255 | 0-100% |

### DMX 512 96CHs Multi-Layer Control Dot/Cell Pixels

| CH | Function         | Value   | Percent/Setting |
|----|------------------|---------|-----------------|
| 1  | Dot/Cell 1 red   | 000-255 | 0-100%          |
| 2  | Dot/Cell 1 green | 000-255 | 0-100%          |
| 3  | Dot/Cell 1 blue  | 000-255 | 0-100%          |
| 4  | Dot/Cell 1 White | 000-255 | 0-100%          |
| 5  | Dot/Cell 2 red   | 000-255 | 0-100%          |
| 6  | Dot/Cell 2 green | 000-255 | 0-100%          |
| 7  | Dot/Cell 2 blue  | 000-255 | 0-100%          |
| 8  | Dot/Cell 2 White | 000-255 | 0-100%          |
| 9  | Dot/Cell 3 red   | 000-255 | 0-100%          |
| 10 | Dot/Cell 3 green | 000-255 | 0-100%          |
| 11 | Dot/Cell 3 blue  | 000-255 | 0-100%          |
| 12 | Dot/Cell 3 White | 000-255 | 0-100%          |
| 13 | Dot/Cell 4 red   | 000-255 | 0-100%          |
| 14 | Dot/Cell 4 green | 000-255 | 0-100%          |
| 15 | Dot/Cell 4 blue  | 000-255 | 0-100%          |
| 16 | Dot/Cell 4 White | 000-255 | 0-100%          |
| 17 | Dot/Cell 5 red   | 000-255 | 0-100%          |
| 18 | Dot/Cell 5 green | 000-255 | 0-100%          |
| 19 | Dot/Cell 5 blue  | 000-255 | 0-100%          |
| 20 | Dot/Cell 5 White | 000-255 | 0-100%          |
| 21 | Dot/Cell 6 red   | 000-255 | 0-100%          |
| 22 | Dot/Cell 6 green | 000-255 | 0-100%          |
| 23 | Dot/Cell 6 blue  | 000-255 | 0-100%          |
| 24 | Dot/Cell 6 White | 000-255 | 0-100%          |
| 25 | Dot/Cell 7 red   | 000-255 | 0-100%          |
| 26 | Dot/Cell 7 green | 000-255 | 0-100%          |
| 27 | Dot/Cell 7 blue  | 000-255 | 0-100%          |
| 28 | Dot/Cell 7 White | 000-255 | 0-100%          |
| 29 | Dot/Cell 8 red   | 000-255 | 0-100%          |

|    |                   |         |        |
|----|-------------------|---------|--------|
| 30 | Dot/Cell 8 green  | 000-255 | 0-100% |
| 31 | Dot/Cell 8 blue   | 000-255 | 0-100% |
| 32 | Dot/Cell 8 White  | 000-255 | 0-100% |
| 33 | Dot/Cell 9 red    | 000-255 | 0-100% |
| 34 | Dot/Cell 9 green  | 000-255 | 0-100% |
| 35 | Dot/Cell 9 blue   | 000-255 | 0-100% |
| 36 | Dot/Cell 9 White  | 000-255 | 0-100% |
| 37 | Dot/Cell 10 red   | 000-255 | 0-100% |
| 38 | Dot/Cell 10 green | 000-255 | 0-100% |
| 39 | Dot/Cell 10 blue  | 000-255 | 0-100% |
| 40 | Dot/Cell 10 White | 000-255 | 0-100% |
| 41 | Dot/Cell 11 red   | 000-255 | 0-100% |
| 42 | Dot/Cell 11 green | 000-255 | 0-100% |
| 43 | Dot/Cell 11 blue  | 000-255 | 0-100% |
| 44 | Dot/Cell 11 White | 000-255 | 0-100% |
| 45 | Dot/Cell 12 red   | 000-255 | 0-100% |
| 46 | Dot/Cell 12 green | 000-255 | 0-100% |
| 47 | Dot/Cell 12 blue  | 000-255 | 0-100% |
| 48 | Dot/Cell 12 White | 000-255 | 0-100% |
| 49 | Dot/Cell 13 red   | 000-255 | 0-100% |
| 50 | Dot/Cell 13 green | 000-255 | 0-100% |
| 51 | Dot/Cell 13 blue  | 000-255 | 0-100% |
| 52 | Dot/Cell 13 White | 000-255 | 0-100% |
| 53 | Dot/Cell 14 red   | 000-255 | 0-100% |
| 54 | Dot/Cell 14 green | 000-255 | 0-100% |
| 55 | Dot/Cell 14 blue  | 000-255 | 0-100% |
| 56 | Dot/Cell 14 White | 000-255 | 0-100% |
| 57 | Dot/Cell 15 red   | 000-255 | 0-100% |
| 58 | Dot/Cell 15 green | 000-255 | 0-100% |
| 59 | Dot/Cell 15 blue  | 000-255 | 0-100% |
| 60 | Dot/Cell 15 White | 000-255 | 0-100% |
| 61 | Dot/Cell 16 red   | 000-255 | 0-100% |
| 62 | Dot/Cell 16 green | 000-255 | 0-100% |
| 63 | Dot/Cell 16 blue  | 000-255 | 0-100% |
| 64 | Dot/Cell 16 White | 000-255 | 0-100% |
| 65 | Dot/Cell 17 red   | 000-255 | 0-100% |
| 66 | Dot/Cell 17 green | 000-255 | 0-100% |
| 67 | Dot/Cell 17 blue  | 000-255 | 0-100% |

|    |                      |         |        |
|----|----------------------|---------|--------|
| 68 | Dot/Cell 17<br>White | 000-255 | 0-100% |
| 69 | Dot/Cell 18 red      | 000-255 | 0-100% |
| 70 | Dot/Cell 18<br>green | 000-255 | 0-100% |
| 71 | Dot/Cell 18 blue     | 000-255 | 0-100% |
| 72 | Dot/Cell 18<br>White | 000-255 | 0-100% |
| 73 | Dot/Cell 19 red      | 000-255 | 0-100% |
| 74 | Dot/Cell 19<br>green | 000-255 | 0-100% |
| 75 | Dot/Cell 19 blue     | 000-255 | 0-100% |
| 76 | Dot/Cell 19<br>White | 000-255 | 0-100% |
| 77 | Dot/Cell 20 red      | 000-255 | 0-100% |
| 78 | Dot/Cell 20<br>green | 000-255 | 0-100% |
| 79 | Dot/Cell 20 blue     | 000-255 | 0-100% |
| 80 | Dot/Cell 20<br>White | 000-255 | 0-100% |
| 81 | Dot/Cell 21 red      | 000-255 | 0-100% |
| 82 | Dot/Cell 21<br>green | 000-255 | 0-100% |
| 83 | Dot/Cell 21 blue     | 000-255 | 0-100% |
| 84 | Dot/Cell 21<br>White | 000-255 | 0-100% |
| 85 | Dot/Cell 22 red      | 000-255 | 0-100% |
| 86 | Dot/Cell 22<br>green | 000-255 | 0-100% |
| 87 | Dot/Cell 22 blue     | 000-255 | 0-100% |
| 88 | Dot/Cell 22<br>White | 000-255 | 0-100% |
| 89 | Dot/Cell 23 red      | 000-255 | 0-100% |
| 90 | Dot/Cell 23<br>green | 000-255 | 0-100% |
| 91 | Dot/Cell 23 blue     | 000-255 | 0-100% |
| 92 | Dot/Cell 23<br>White | 000-255 | 0-100% |
| 93 | Dot/Cell 24<br>green | 000-255 | 0-100% |
| 94 | Dot/Cell 24 blue     | 000-255 | 0-100% |
| 95 | Dot/Cell 24<br>White | 000-255 | 0-100% |
| 96 | Dot/Cell 24<br>White | 000-255 | 0-100% |

#### DMX 512 72CHs Multi-Layer Control Dot/Cell Pixels

| CH | Function         | Value   | Percent/Setting |
|----|------------------|---------|-----------------|
| 1  | Dot/Cell 1 red   | 000-255 | 0-100%          |
| 2  | Dot/Cell 1 green | 000-255 | 0-100%          |
| 3  | Dot/Cell 1 blue  | 000-255 | 0-100%          |
| 4  | Dot/Cell 2 red   | 000-255 | 0-100%          |

|    |                      |         |        |
|----|----------------------|---------|--------|
| 5  | Dot/Cell 2 green     | 000-255 | 0-100% |
| 6  | Dot/Cell 2 blue      | 000-255 | 0-100% |
| 7  | Dot/Cell 3 red       | 000-255 | 0-100% |
| 8  | Dot/Cell 3 green     | 000-255 | 0-100% |
| 9  | Dot/Cell 3 blue      | 000-255 | 0-100% |
| 10 | Dot/Cell 4 red       | 000-255 | 0-100% |
| 11 | Dot/Cell 4 green     | 000-255 | 0-100% |
| 12 | Dot/Cell 4 blue      | 000-255 | 0-100% |
| 13 | Dot/Cell 5 red       | 000-255 | 0-100% |
| 14 | Dot/Cell 5 green     | 000-255 | 0-100% |
| 15 | Dot/Cell 5 blue      | 000-255 | 0-100% |
| 16 | Dot/Cell 6 red       | 000-255 | 0-100% |
| 17 | Dot/Cell 6 green     | 000-255 | 0-100% |
| 18 | Dot/Cell 6 blue      | 000-255 | 0-100% |
| 19 | Dot/Cell 7 red       | 000-255 | 0-100% |
| 20 | Dot/Cell 7 green     | 000-255 | 0-100% |
| 21 | Dot/Cell 7 blue      | 000-255 | 0-100% |
| 22 | Dot/Cell 8 red       | 000-255 | 0-100% |
| 23 | Dot/Cell 8 green     | 000-255 | 0-100% |
| 24 | Dot/Cell 8 blue      | 000-255 | 0-100% |
| 25 | Dot/Cell 9 red       | 000-255 | 0-100% |
| 26 | Dot/Cell 9 green     | 000-255 | 0-100% |
| 27 | Dot/Cell 9 blue      | 000-255 | 0-100% |
| 28 | Dot/Cell 10 red      | 000-255 | 0-100% |
| 29 | Dot/Cell 10<br>green | 000-255 | 0-100% |
| 30 | Dot/Cell 10 blue     | 000-255 | 0-100% |
| 31 | Dot/Cell 11 red      | 000-255 | 0-100% |
| 32 | Dot/Cell 11<br>green | 000-255 | 0-100% |
| 33 | Dot/Cell 11 blue     | 000-255 | 0-100% |
| 34 | Dot/Cell 12 red      | 000-255 | 0-100% |
| 35 | Dot/Cell 12<br>green | 000-255 | 0-100% |
| 36 | Dot/Cell 12 blue     | 000-255 | 0-100% |
| 37 | Dot/Cell 13 red      | 000-255 | 0-100% |
| 38 | Dot/Cell 13<br>green | 000-255 | 0-100% |
| 39 | Dot/Cell 13 blue     | 000-255 | 0-100% |
| 40 | Dot/Cell 14 red      | 000-255 | 0-100% |
| 41 | Dot/Cell 14<br>green | 000-255 | 0-100% |
| 42 | Dot/Cell 14 blue     | 000-255 | 0-100% |
| 43 | Dot/Cell 15 red      | 000-255 | 0-100% |
| 44 | Dot/Cell 15<br>green | 000-255 | 0-100% |
| 45 | Dot/Cell 15 blue     | 000-255 | 0-100% |
| 46 | Dot/Cell 16 red      | 000-255 | 0-100% |
| 47 | Dot/Cell 16<br>green | 000-255 | 0-100% |



|    |                   |         |        |
|----|-------------------|---------|--------|
| 48 | Dot/Cell 16 blue  | 000-255 | 0-100% |
| 49 | Dot/Cell 17 red   | 000-255 | 0-100% |
| 50 | Dot/Cell 17 green | 000-255 | 0-100% |
| 51 | Dot/Cell 17 blue  | 000-255 | 0-100% |
| 52 | Dot/Cell 18 red   | 000-255 | 0-100% |
| 53 | Dot/Cell 18 green | 000-255 | 0-100% |
| 54 | Dot/Cell 18 blue  | 000-255 | 0-100% |
| 55 | Dot/Cell 19 red   | 000-255 | 0-100% |
| 56 | Dot/Cell 19 green | 000-255 | 0-100% |
| 57 | Dot/Cell 19 blue  | 000-255 | 0-100% |
| 58 | Dot/Cell 20 red   | 000-255 | 0-100% |
| 59 | Dot/Cell 20 green | 000-255 | 0-100% |
| 60 | Dot/Cell 20 blue  | 000-255 | 0-100% |
| 61 | Dot/Cell 21 red   | 000-255 | 0-100% |
| 62 | Dot/Cell 21 green | 000-255 | 0-100% |
| 63 | Dot/Cell 21 blue  | 000-255 | 0-100% |
| 64 | Dot/Cell 22 red   | 000-255 | 0-100% |
| 65 | Dot/Cell 22 green | 000-255 | 0-100% |
| 66 | Dot/Cell 22 blue  | 000-255 | 0-100% |
| 67 | Dot/Cell 23 red   | 000-255 | 0-100% |
| 68 | Dot/Cell 23 green | 000-255 | 0-100% |
| 69 | Dot/Cell 23 blue  | 000-255 | 0-100% |
| 70 | Dot/Cell 24 red   | 000-255 | 0-100% |
| 71 | Dot/Cell 24 green | 000-255 | 0-100% |
| 72 | Dot/Cell 24 blue  | 000-255 | 0-100% |

## DMX Channel Assignments and Values

### DMX Channel Assignments and Values

#### Color Temperature Chart

| Value     | Setting     | Value     | Setting    | Value     | Setting    | Value     | Setting    |
|-----------|-------------|-----------|------------|-----------|------------|-----------|------------|
| 000 ⇔ 005 | No function | 063 ⇔ 069 | 3600–3700K | 126 ⇔ 132 | 4500–4600K | 189 ⇔ 195 | 5400–5500K |
| 006 ⇔ 013 | 2800–2900K  | 070 ⇔ 076 | 3700–3800K | 133 ⇔ 139 | 4600–4700K | 196 ⇔ 202 | 5500–5600K |
| 014 ⇔ 020 | 2900–3000K  | 077 ⇔ 083 | 3800–3900K | 140 ⇔ 146 | 4700–4800K | 203 ⇔ 209 | 5600–5700K |
| 021 ⇔ 027 | 3000–3100K  | 084 ⇔ 090 | 3900–4000K | 147 ⇔ 153 | 4800–4900K | 210 ⇔ 216 | 5700–6000K |
| 028 ⇔ 034 | 3100–3200K  | 091 ⇔ 097 | 4000–4100K | 154 ⇔ 160 | 4900–5000K | 217 ⇔ 223 | 6000–6500K |
| 035 ⇔ 041 | 3200–3300K  | 098 ⇔ 104 | 4100–4200K | 161 ⇔ 167 | 5000–5100K | 224 ⇔ 230 | 6500–7000K |
| 042 ⇔ 048 | 3300–3400K  | 105 ⇔ 111 | 4200–4300K | 168 ⇔ 174 | 5100–5200K | 231 ⇔ 237 | 7000–7500K |
| 049 ⇔ 055 | 3400–3500K  | 112 ⇔ 118 | 4300–4400K | 175 ⇔ 181 | 5200–5300K | 238 ⇔ 244 | 7500–8000K |
| 056 ⇔ 062 | 3500–3600K  | 119 ⇔ 125 | 4400–4500K | 182 ⇔ 188 | 5300–5400K | 245 ⇔ 255 | 8000K      |

#### Color Macro Chart

| Value     | Setting     | Value     | Setting             | Value     | Setting                  |
|-----------|-------------|-----------|---------------------|-----------|--------------------------|
| 000       | No function | 012 ⇔ 048 | Green +, blue 100%  | 163       | Red 100%                 |
| 001 ⇔ 002 | 2700K white | 049       | Green and blue 100% | 164 ⇔ 200 | Red 100%, blue +         |
| 003 ⇔ 004 | 3200K white | 050 ⇔ 086 | Green 100%, blue -  | 201       | Red and blue 100%        |
| 005 ⇔ 006 | 4200K white | 087       | Green 100%          | 202 ⇔ 238 | Red -, blue 100%         |
| 007 ⇔ 008 | 5600K white | 088 ⇔ 124 | Red +, green 100%   | 239       | Blue 100%                |
| 009 ⇔ 010 | 8000K white | 125       | Red and green 100%  | 240 ⇔ 247 | Color fade, fast to slow |
| 011       | Blue 100%   | 126 ⇔ 162 | Red 100%, green -   | 248 ⇔ 255 | Color snap, fast to slow |

#### Control Chart

| Value     | Setting                | Value     | Setting                   | Value     | Setting                               |
|-----------|------------------------|-----------|---------------------------|-----------|---------------------------------------|
| 000 ⇔ 005 | No function            | 061 ⇔ 065 | Fan mode On               | 121 ⇔ 125 | Normal tilt speed                     |
| 006 ⇔ 010 | Dimmer mode off        | 066 ⇔ 070 | Fan mode Silent           | 126 ⇔ 130 | Hold last on DMX loss                 |
| 011 ⇔ 015 | Dimmer mode 1 (fast)   | 071 ⇔ 075 | Linear dimmer curve       | 131 ⇔ 135 | Blackout on DMX loss                  |
| 016 ⇔ 020 | Dimmer mode 2 (medium) | 076 ⇔ 080 | Square dimmer curve       | 136 ⇔ 145 | Reserved for future use               |
| 021 ⇔ 025 | Dimmer mode 3 (slow)   | 081 ⇔ 085 | Inverse square dim curve  | 146 ⇔ 150 | Color calibration off                 |
| 026 ⇔ 030 | PWM 1000 Hz            | 086 ⇔ 090 | S-curve dimmer curve      | 151 ⇔ 155 | User color calibration                |
| 031 ⇔ 035 | PWM 2000 Hz            | 091 ⇔ 095 | No function               | 156 ⇔ 160 | Factory color calibration             |
| 036 ⇔ 040 | PWM 4000 Hz            | 096 ⇔ 100 | Invert Dot off            | 161 ⇔ 243 | Reserved for future use               |
| 041 ⇔ 045 | PWM 6000 Hz            | 101 ⇔ 105 | Invert Dot on             | 244 ⇔ 249 | Dimmer mode override (instant engage) |
| 046 ⇔ 050 | PWM 25 KHz             | 106 ⇔ 110 | Invert Cell off           | 250 ⇔ 255 | No function                           |
| 051 ⇔ 055 | PWM 64 KHz             | 111 ⇔ 115 | Invert Cell on            |           |                                       |
| 056 ⇔ 060 | Fan mode Auto          | 116 ⇔ 120 | Color STRIKE M tilt speed |           |                                       |



## FX Macro Chart

| Value | Setting     | Value | Setting      | Value | Setting      | Value | Setting      | Value | Setting    | Value | Setting    |
|-------|-------------|-------|--------------|-------|--------------|-------|--------------|-------|------------|-------|------------|
| 000   | No function | 043   | Macro 6.1    | 086   | Macro 28 A   | 129   | Macro 39.5   | 172   | Macro 54   | 214   | Macro 61 M |
| 001   | No function | 044   | Macro 6.2    | 087   | Macro 28 B   | 130   | Macro 40.1   | 173   | Macro 55 A | 215   | Macro 61 N |
| 002   | No function | 045   | Macro 7.1    | 088   | Macro 28 C   | 131   | Macro 40.2   | 174   | Macro 55 B | 216   | Macro 61 O |
| 003   | Macro 1.01  | 046   | Macro 7.2    | 089   | Macro 29.1   | 132   | Macro 40.3   | 175   | Macro 55 C | 217   | Macro 61 P |
| 004   | Macro 1.02  | 047   | Macro 8      | 090   | Macro 29.2   | 133   | Macro 40.4   | 176   | Macro 55 D | 218   | Macro 61 Q |
| 005   | Macro 1.03  | 048   | Macro 9      | 091   | Macro 29.3   | 134   | Macro 41.1   | 177   | Macro 56 A | 219   | Macro 61 R |
| 006   | Macro 1.04  | 049   | Macro 10.1   | 092   | Macro 29.4   | 135   | Macro 41.2   | 178   | Macro 56 B | 220   | Macro 62 A |
| 007   | Macro 1.05  | 050   | Macro 10.2   | 093   | Macro 29.5   | 136   | Macro 41.3   | 179   | Macro 56 C | 221   | Macro 62 B |
| 008   | Macro 1.06  | 051   | Macro 11     | 094   | Macro 29.6   | 137   | Macro 42.1   | 180   | Macro 56 D | 222   | Macro 62 C |
| 009   | Macro 1.07  | 052   | Macro 12     | 095   | Macro 30.1   | 138   | Macro 42.2   | 181   | Macro 56 E | 223   | Macro 62 D |
| 010   | Macro 1.08  | 053   | Macro 13     | 096   | Macro 30.2   | 139   | Macro 43     | 182   | Macro 56 F | 224   | Macro 62 E |
| 011   | Macro 1.09  | 054   | Macro 14     | 097   | Macro 30.3   | 140   | Macro 44 A   | 183   | Macro 57.1 | 225   | Macro 62 F |
| 012   | Macro 1.10  | 055   | Macro 15.1   | 098   | Macro 30.4   | 141   | Macro 44 B   | 184   | Macro 57.2 | 226   | Macro 62 G |
| 013   | Macro 1.10  | 056   | Macro 15.2   | 099   | Macro 30.5 A | 142   | Macro 45 A   | 185   | Macro 58 A | 227   | Macro 62 H |
| 014   | Macro 1.12  | 057   | Macro 15.3   | 100   | Macro 30.5 B | 143   | Macro 45 B   | 186   | Macro 58 B | 228   | Macro 62 I |
| 015   | Macro 1.13  | 058   | Macro 16.1   | 101   | Macro 30.5 C | 144   | Macro 46     | 187   | Macro 58 C | 229   | Macro 62 J |
| 016   | Macro 1.14  | 059   | Macro 16.2   | 102   | Macro 31     | 145   | Macro 47 A   | 188   | Macro 58 D | 230   | Macro 62 K |
| 017   | Macro 1.15  | 060   | Macro 17.1   | 103   | Macro 32 A   | 146   | Macro 47 B   | 189   | Macro 58 E | 231   | Macro 62 L |
| 018   | Macro 1.16  | 061   | Macro 17.2   | 104   | Macro 32 B   | 147   | Macro 47 C   | 190   | Macro 58 F | 232   | Macro 62 M |
| 019   | Macro 1.17  | 062   | Macro 18.1   | 105   | Macro 33.1   | 148   | Macro 48.1   | 191   | Macro 58 G | 233   | Macro 62 N |
| 020   | Macro 1.18  | 063   | Macro 18.2   | 106   | Macro 33.2   | 149   | Macro 48.2   | 192   | Macro 58 H | 234   | Macro 62 O |
| 021   | Macro 2.1   | 064   | Macro 19.1   | 107   | Macro 33.3   | 150   | Macro 49 A   | 193   | Macro 58 I | 235   | Macro 62 P |
| 022   | Macro 2.2   | 065   | Macro 19.2   | 108   | Macro 33.4   | 151   | Macro 49 B   | 194   | Macro 59.1 | 236   | Macro 62 Q |
| 023   | Macro 2.3   | 066   | Macro 20 A   | 109   | Macro 34.1   | 152   | Macro 49 C   | 195   | Macro 59.2 | 237   | Macro 62 R |
| 024   | Macro 2.4   | 067   | Macro 20 B   | 110   | Macro 34.2   | 153   | Macro 49 D   | 196   | Macro 59.3 | 238   | Macro 63 A |
| 025   | Macro 2.5   | 068   | Macro 21 A   | 111   | Macro 34.3   | 154   | Macro 49 E   | 197   | Macro 60 A | 239   | Macro 63 B |
| 026   | Macro 2.6   | 069   | Macro 21 B   | 112   | Macro 35.1   | 155   | Macro 49 F   | 198   | Macro 60 B | 240   | Macro 63 C |
| 027   | Macro 2.7   | 070   | Macro 21 C   | 113   | Macro 35.2   | 156   | Macro 50.1   | 199   | Macro 60 C | 241   | Macro 63 D |
| 028   | Macro 2.8   | 071   | Macro 22 A   | 114   | Macro 36     | 157   | Macro 50.2   | 200   | Macro 60 D | 242   | Macro 63 E |
| 029   | Macro 2.9   | 072   | Macro 22 B   | 115   | Macro 37.1   | 158   | Macro 50.3 A | 201   | Macro 60 E | 243   | Macro 63 F |
| 030   | Macro 3.1   | 073   | Macro 22 C   | 116   | Macro 37.2 A | 159   | Macro 50.3 B | 202   | Macro 61 A | 244   | Macro 63 G |
| 031   | Macro 3.2   | 074   | Macro 23.1   | 117   | Macro 37.2 B | 160   | Macro 50.3 C | 203   | Macro 61 B | 245   | Macro 63 H |
| 032   | Macro 3.3   | 075   | Macro 23.2   | 118   | Macro 37.2 C | 161   | Macro 51 A   | 204   | Macro 61 C | 246   | Macro 63 I |
| 033   | Macro 3.4   | 076   | Macro 23.3   | 119   | Macro 37.2 D | 162   | Macro 51 B   | 205   | Macro 61 D | 247   | Macro 64 A |
| 034   | Macro 3.5   | 077   | Macro 24     | 120   | Macro 37.2 E | 163   | Macro 51 C   | 206   | Macro 61 E | 248   | Macro 64 B |
| 035   | Macro 3.6   | 078   | Macro 25     | 121   | Macro 37.2 F | 164   | Macro 52 A   | 207   | Macro 61 F | 249   | Macro 64 C |
| 036   | Macro 4.1   | 079   | Macro 26 A   | 122   | Macro 38 A   | 165   | Macro 52 B   | 208   | Macro 61 G | 250   | Macro 64 D |
| 037   | Macro 4.2   | 080   | Macro 26 B   | 123   | Macro 38 B   | 166   | Macro 53 A   | 209   | Macro 61 H | 251   | Macro 64 D |
| 038   | Macro 4.3   | 081   | Macro 26 C   | 124   | Macro 38 C   | 167   | Macro 53 B   | 210   | Macro 61 I | 252   | Macro 64 E |
| 039   | Macro 4.4   | 082   | Macro 26 D   | 125   | Macro 39.1   | 168   | Macro 53 C   | 211   | Macro 61 J | 253   | Macro 64 F |
| 040   | Macro 5.1   | 083   | Macro 27.1   | 126   | Macro 39.2   | 169   | Macro 53 D   | 212   | Macro 61 K | 254   | Macro 64 G |
| 041   | Macro 5.2   | 084   | Macro 27.2 A | 127   | Macro 39.3   | 170   | Macro 53 E   | 213   | Macro 61 L | 255   | Macro 64 H |
| 042   | Macro 5.3   | 085   | Macro 27.2 B | 128   | Macro 39.4   | 171   | Macro 53 F   |       |            |       |            |

## Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### **a.The unit does not work, no light and the fan does not work**

- 1.Check the connection of power and main fuse.
- 2.Measure the mains voltage on the main connector.
- 3.Check the power on LED.

### **b.Not responding to DMX controller**

- 1.DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
- 2.If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
- 3.If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
- 4.Try to use another DMX controller.
- 5.Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

## Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external optics at least every 20

## REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.