

LED Moving Head 19*25W Bee-Eyes



USER MANUAL



KEEP THIS MANUAL FOR FUTURE NEEDS

Thank you for your patronage. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.

In order to install, operate, and maintain the lighting safety correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



rain and moisture!

CAUTION! Keep this device away from



Unplug mains lead before opening the housing.

CAUTION!

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow carefully the instructions of this manual

1. INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One XLR power cable
2. One user manual
3. Two pcs omega

Please check carefully that there is no damage caused by transportation.
Should there be any, please consult your dealer and don't install this device.

2 TECHNICAL PARAMETERS

POWER SUPPLIE

Input power:AC100-240V 50/60 Hz

Power consumption :500 W

LED:19 PCS 25W high power RGBW LED

DMX channel: 21CH ,35CH,78CH,97CH,92CH

Movement:Pan/Tilt:X axis540degree, Y axis 190degree

Features :each led can be controled separately or Together

Control mode:DMX512/Master-Slave/Auto run

Strobe macro control available

Focus : Electronic focus

Display:LCD display

IP level :IP20

WEIGHT&SIZE

N.W:16 KG

G.W:19KG

Product size: 40*33*48 cm

Packing size: 56*49*44 cm

3 :MENU FUNCTION

| | | | |
|--------------------------------------|---|--------------------|------|
| DMX Setting | DMX Address | 001 | |
| | | 512 | |
| | Channel Mode | 21CH | |
| | | 97CH | |
| | | 78CH | |
| | | 35CH | |
| | | 92CH | |
| Run Mode | DMX 512 | YES/NO | |
| | Slow Auto | YES/NO | |
| | Fast Auto | YES/NO | |
| | Sound | YES/NO | |
| | Manual | YES/NO | |
| Positive and negative setting | Pan Inverse | YES/NO | |
| | Tilt Inverse | YES/NO | |
| Display Setting | Display Inverse | YES/NO | |
| | Language | CH./EN. | |
| | Backlight | on/off | |
| Manual Mode | Pan | 0-255 | |
| | Tilt | 0-255 | |
| | PT SPEED | 0-255 | |
| | Rotation | 0-255 | |
| | Rotation-sp | | |
| | Zoom | 0-255 | |
| | Dimmer | 0-255 | |
| | Strobe | 0-255 | |
| | R | 0-255 | |
| | G | 0-255 | |
| | B | 0-255 | |
| | W | 0-255 | |
| Sound Sense | Sound Sense | 0-100 | |
| System setting | system information | Version number | |
| | Factory Defaults | YES/NO | |
| | advanced setting (Down Down Up Up) | Pan Offset | -127 |
| | | | 127 |
| | | Tilt Offset | -127 |

| | | | |
|---------------------|--------|------------------------|-----------|
| | | | 127 |
| | | Rotation Offset | -127-+127 |
| | | Zoom Offset | -127 |
| | | | 127 |
| | | R | 0-255 |
| | | G | 0-255 |
| | | B | 0-255 |
| | | W | 0-255 |
| System Reset | Yes/No | | |

4: DMX CHANNELS

21 CHANNELS

| | | | |
|----|--------------|---------|------------------|
| 1 | Red | 0-255 | LED OFF - LED ON |
| 2 | Red fine | 0-255 | LOW - UP |
| 3 | Green | 0-255 | LED OFF - LED ON |
| 4 | Green fine | 0-255 | LOW - UP |
| 5 | Blue | 0-255 | LED OFF - LED ON |
| 6 | Blue fine | 0-255 | LOW - UP |
| 7 | White | 0-255 | LED OFF - LED ON |
| 8 | White fine | 0-255 | LOW - UP |
| 9 | Linear CTO | 225-255 | 2500 K |
| | | 189-224 | 3200 K |
| | | 145-188 | 4000 K |
| | | 118-144 | 5000 K |
| | | 100-117 | 5600 K |
| | | 55-99 | 6000 K |
| | | 11-54 | 7000 K |
| | | 10 | 8000 K |
| | | 0-9 | UNUSED RANGE |
| 10 | Macro colour | 209-255 | White |
| | | 208 | Dirty White |
| | | 207 | Alice Blue |
| | | 191-206 | Congo Blue |
| | | 184-190 | Dark Steel Blue |
| | | 180-183 | Deep lavender |
| | | 179 | Lilac Tint |

| | | | |
|--|--|---------|-------------------|
| | | 175-178 | Daylight Blue |
| | | 174 | Flame Red |
| | | 172-173 | Bastard Amber |
| | | 168-171 | Deep Orange |
| | | 162-167 | Pale Gold |
| | | 157-161 | Apricot |
| | | 151-156 | Bright Blue |
| | | 149-150 | Primary Green |
| | | 147-148 | Special lavender |
| | | 146 | Pale Lavender |
| | | 145 | Deep Golden Amber |
| | | 142-144 | Medium Blue |
| | | 138-141 | Bright Pink |
| | | 136-137 | Mauve |
| | | 134-135 | Dark Green |
| | | 131-133 | Leaf Green |
| | | 129-130 | Dark Blue |
| | | 128 | Light Blue |
| | | 127 | Steel Blue |
| | | 126 | Med Blu Green |
| | | 125 | Peacock Blue |
| | | 123-124 | Magenta |
| | | 121-122 | Dark Pink |
| | | 120 | Middle Rose |
| | | 119 | Light Salmon |
| | | 118 | English Rose |
| | | 117 | Light Rose |
| | | 115-116 | Orange |
| | | 114 | Deep Amber |
| | | 113 | Straw |
| | | 112 | Light Amber |
| | | 110-111 | Spring Yellow |
| | | 100-109 | Dark yellow green |
| | | 89-99 | Just Blue |
| | | 78-88 | Sky Blue |
| | | 68-77 | Lavender |
| | | 62-67 | Light Lavender |
| | | 49-61 | Pink Carnation |
| | | 46-48 | Medium Pink |

| | | | |
|----|-------------|-----------|---------------------------------|
| | | 45 | Light Pink |
| | | 35-44 | Sunrise Red |
| | | 32-34 | Dark Amber |
| | | 31 | Gold Amber |
| | | 30 | Medium Amber |
| | | 29 | Fire |
| | | 27-28 | Surprise Peach |
| | | 23-26 | Straw Tint |
| | | 20-22 | Medium Yellow |
| | | 19 | Black |
| | | 18 | White 5000 K |
| | | 17 | White 3700 K |
| | | 16 | White 7000 K |
| | | 15 | Magenta |
| | | 14 | Yellow |
| | | 13 | Cyan |
| | | 12 | Blue |
| | | 11 | Green |
| | | 10 | Red |
| | | 0-9 | Macro color OFF |
| 11 | Strobe | 252 - 255 | OPEN |
| | | 239 - 251 | RANDOM FAST STROBE |
| | | 226 - 238 | RANDOM MEDIUM STROBE |
| | | 213 - 225 | RANDOM SLOW STROBE |
| | | 208 - 212 | OPEN |
| | | 108-207 | SLOW PULSATION - FAST PULSATION |
| | | 104 - 107 | OPEN |
| | | 4-103 | SLOW STROBE - FAST STROBE |
| | | 0 - 3 | CLOSED |
| 12 | Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 13 | Dimmer Fine | 0-255 | LOW - UP |
| 14 | Pan | 0-255 | Pan Rotation |
| 15 | Pan Fine | 0-255 | Pan Fine |
| 16 | Tilt | 0-255 | Tilt Rotation |
| 17 | Tilt Fine | 0-255 | Tilt Fine |
| 18 | Function | 0-255 | Empty |
| 19 | Reset | 0-127 | UNUSED RANGE |
| | | 128-255 | COMPLETE RESET |

| | | | |
|----|---------------|---------|-------------------------------|
| 20 | Zoom | 0-255 | NARROW BEAM - WIDE BEAM |
| 21 | Zoom Rotation | 0-127 | LINEAR ROTATION |
| | | 128-190 | FAST ROTATION - SLOW ROTATION |
| | | 191-192 | STOP |
| | | 193-255 | SLOW ROTATION - FAST ROTATION |

35 CHANNELS

| | | | |
|----|--------------|---------|------------------|
| 1 | Red | 0-255 | LED OFF - LED ON |
| 2 | Red fine | 0-255 | LOW - UP |
| 3 | Green | 0-255 | LED OFF - LED ON |
| 4 | Green fine | 0-255 | LOW - UP |
| 5 | Blue | 0-255 | LED OFF - LED ON |
| 6 | Blue fine | 0-255 | LOW - UP |
| 7 | White | 0-255 | LED OFF - LED ON |
| 8 | White fine | 0-255 | LOW - UP |
| 9 | Linear CTO | 225-255 | 2500 K |
| | | 189-224 | 3200 K |
| | | 145-188 | 4000 K |
| | | 118-144 | 5000 K |
| | | 100-117 | 5600 K |
| | | 55-99 | 6000 K |
| | | 11-54 | 7000 K |
| | | 10 | 8000 K |
| | | 0-9 | UNUSED RANGE |
| 10 | Macro colour | 209-255 | White |
| | | 208 | Dirty White |
| | | 207 | Alice Blue |
| | | 191-206 | Congo Blue |
| | | 184-190 | Dark Steel Blue |
| | | 180-183 | Deep lavender |
| | | 179 | Lilac Tint |
| | | 175-178 | Daylight Blue |
| | | 174 | Flame Red |
| | | 172-173 | Bastard Amber |
| | | 168-171 | Deep Orange |
| | | 162-167 | Pale Gold |

| | | | |
|--|--|---------|-------------------|
| | | 157-161 | Apricot |
| | | 151-156 | Bright Blue |
| | | 149-150 | Primary Green |
| | | 147-148 | Special lavender |
| | | 146 | Pale Lavender |
| | | 145 | Deep Golden Amber |
| | | 142-144 | Medium Blue |
| | | 138-141 | Bright Pink |
| | | 136-137 | Mauve |
| | | 134-135 | Dark Green |
| | | 131-133 | Leaf Green |
| | | 129-130 | Dark Blue |
| | | 128 | Light Blue |
| | | 127 | Steel Blue |
| | | 126 | Med Blu Green |
| | | 125 | Peacock Blue |
| | | 123-124 | Magenta |
| | | 121-122 | Dark Pink |
| | | 120 | Middle Rose |
| | | 119 | Light Salmon |
| | | 118 | English Rose |
| | | 117 | Light Rose |
| | | 115-116 | Orange |
| | | 114 | Deep Amber |
| | | 113 | Straw |
| | | 112 | Light Amber |
| | | 110-111 | Spring Yellow |
| | | 100-109 | Dark yellow green |
| | | 89-99 | Just Blue |
| | | 78-88 | Sky Blue |
| | | 68-77 | Lavender |
| | | 62-67 | Light Lavender |
| | | 49-61 | Pink Carnation |
| | | 46-48 | Medium Pink |
| | | 45 | Light Pink |
| | | 35-44 | Sunrise Red |
| | | 32-34 | Dark Amber |
| | | 31 | Gold Amber |
| | | 30 | Medium Amber |

| | | | |
|----|---------------|-----------|---------------------------------|
| | | 29 | Fire |
| | | 27-28 | Surprise Peach |
| | | 23-26 | Straw Tint |
| | | 20-22 | Medium Yellow |
| | | 19 | Black |
| | | 18 | White 5000 K |
| | | 17 | White 3700 K |
| | | 16 | White 7000 K |
| | | 15 | Magenta |
| | | 14 | Yellow |
| | | 13 | Cyan |
| | | 12 | Blue |
| | | 11 | Green |
| | | 10 | Red |
| | | 0-9 | Macro color OFF |
| 11 | Strobe | 252 - 255 | OPEN |
| | | 239 - 251 | RANDOM FAST STROBE |
| | | 226 - 238 | RANDOM MEDIUM STROBE |
| | | 213 - 225 | RANDOM SLOW STROBE |
| | | 208 - 212 | OPEN |
| | | 108-207 | SLOW PULSATION - FAST PULSATION |
| | | 104 - 107 | OPEN |
| | | 4-103 | SLOW STROBE - FAST STROBE |
| | | 0 - 3 | CLOSED |
| 12 | Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 13 | Dimmer Fine | 0-255 | LOW - UP |
| 14 | Pan | 0-255 | Pan Rotation |
| 15 | Pan Fine | 0-255 | Pan Fine |
| 16 | Tilt | 0-255 | Tilt Rotation |
| 17 | Tilt Fine | 0-255 | Tilt Fine |
| 18 | Function | 0-255 | Empty |
| 19 | Reset | 0-127 | UNUSED RANGE |
| | | 128-255 | COMPLETE RESET |
| 20 | Zoom | 0-255 | NARROW BEAM - WIDE BEAM |
| 21 | Zoom Rotation | 0-127 | LINEAR ROTATION |
| | | 128-190 | FAST ROTATION - SLOW ROTATION |

| | | | |
|----|-------------------|---------|-------------------------------|
| | | 191-192 | STOP |
| | | 193-255 | SLOW ROTATION - FAST ROTATION |
| 22 | Shape Selection | 0-255 | Shape Effect |
| 23 | Shape Speed | 0-255 | SLOW Speed - FAST Speed |
| 24 | Shape Fade | 0-255 | Fade effect |
| 25 | Shape R | 0-255 | LED OFF - LED ON |
| 26 | Shape G | 0-255 | LED OFF - LED ON |
| 27 | Shape B | 0-255 | LED OFF - LED ON |
| 28 | Shape W | 0-255 | LED OFF - LED ON |
| 29 | Shape Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 30 | Background Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 31 | Shape Transition | 0-255 | Shape Transition Effect |
| 32 | Shape Offset | 0-255 | Shape Offset Effect |
| 33 | Foreground Strobe | 0-255 | Empty |
| 34 | Background Strobe | 0-255 | Empty |
| 35 | Background Select | 0-255 | Empty |

78 CHANNELS

| | | | |
|---|------------|---------|------------------|
| 1 | Red | 0-255 | LED OFF - LED ON |
| 2 | Red fine | 0-255 | LOW - UP |
| 3 | Green | 0-255 | LED OFF - LED ON |
| 4 | Green fine | 0-255 | LOW - UP |
| 5 | Blue | 0-255 | LED OFF - LED ON |
| 6 | Blue fine | 0-255 | LOW - UP |
| 7 | White | 0-255 | LED OFF - LED ON |
| 8 | White fine | 0-255 | LOW - UP |
| 9 | Linear CTO | 225-255 | 2500 K |
| | | 189-224 | 3200 K |
| | | 145-188 | 4000 K |
| | | 118-144 | 5000 K |
| | | 100-117 | 5600 K |
| | | 55-99 | 6000 K |
| | | 11-54 | 7000 K |
| | | 10 | 8000 K |
| | | 0-9 | UNUSED RANGE |

| | | | |
|---------|---------------|---------|-------------------|
| 10 | Macro colour | 209-255 | White |
| | | 208 | Dirty White |
| | | 207 | Alice Blue |
| | | 191-206 | Congo Blue |
| | | 184-190 | Dark Steel Blue |
| | | 180-183 | Deep lavender |
| | | 179 | Lilac Tint |
| | | 175-178 | Daylight Blue |
| | | 174 | Flame Red |
| | | 172-173 | Bastard Amber |
| | | 168-171 | Deep Orange |
| | | 162-167 | Pale Gold |
| | | 157-161 | Apricot |
| | | 151-156 | Bright Blue |
| | | 149-150 | Primary Green |
| | | 147-148 | Special lavender |
| | | 146 | Pale Lavender |
| | | 145 | Deep Golden Amber |
| | | 142-144 | Medium Blue |
| | | 138-141 | Bright Pink |
| | | 136-137 | Mauve |
| | | 134-135 | Dark Green |
| | | 131-133 | Leaf Green |
| | | 129-130 | Dark Blue |
| | | 128 | Light Blue |
| | | 127 | Steel Blue |
| | | 126 | Med Blu Green |
| | | 125 | Peacock Blue |
| | | 123-124 | Magenta |
| | | 121-122 | Dark Pink |
| | | 120 | Middle Rose |
| | | 119 | Light Salmon |
| | | 118 | English Rose |
| | | 117 | Light Rose |
| | | 115-116 | Orange |
| | | 114 | Deep Amber |
| 113 | Straw | | |
| 112 | Light Amber | | |
| 110-111 | Spring Yellow | | |

| | | | |
|----|-------------|-----------|---------------------------------|
| | | 100-109 | Dark yellow green |
| | | 89-99 | Just Blue |
| | | 78-88 | Sky Blue |
| | | 68-77 | Lavender |
| | | 62-67 | Light Lavender |
| | | 49-61 | Pink Carnation |
| | | 46-48 | Medium Pink |
| | | 45 | Light Pink |
| | | 35-44 | Sunrise Red |
| | | 32-34 | Dark Amber |
| | | 31 | Gold Amber |
| | | 30 | Medium Amber |
| | | 29 | Fire |
| | | 27-28 | Surprise Peach |
| | | 23-26 | Straw Tint |
| | | 20-22 | Medium Yellow |
| | | 19 | Black |
| | | 18 | White 5000 K |
| | | 17 | White 3700 K |
| | | 16 | White 7000 K |
| | | 15 | Magenta |
| | | 14 | Yellow |
| | | 13 | Cyan |
| | | 12 | Blue |
| | | 11 | Green |
| | | 10 | Red |
| | | 0-9 | Macro color OFF |
| 11 | Strobe | 252 - 255 | OPEN |
| | | 239 - 251 | RANDOM FAST STROBE |
| | | 226 - 238 | RANDOM MEDIUM STROBE |
| | | 213 - 225 | RANDOM SLOW STROBE |
| | | 208 - 212 | OPEN |
| | | 108-207 | SLOW PULSATION - FAST PULSATION |
| | | 104 - 107 | OPEN |
| | | 4-103 | SLOW STROBE - FAST STROBE |
| | | 0 - 3 | CLOSED |
| | | 12 | Dimmer |
| 13 | Dimmer Fine | 0-255 | LOW - UP |

| | | | |
|----|---------------|---------|-------------------------------|
| 14 | Pan | 0-255 | Pan Rotation |
| 15 | Pan Fine | 0-255 | Pan Fine |
| 16 | Tilt | 0-255 | Tilt Rotation |
| 17 | Tilt Fine | 0-255 | Tilt Fine |
| 18 | Function | 0-255 | Empty |
| 19 | Reset | 0-127 | UNUSED RANGE |
| | | 128-255 | COMPLETE RESET |
| 20 | Zoom | 0-255 | NARROW BEAM - WIDE BEAM |
| 21 | Zoom Rotation | 0-127 | LINEAR ROTATION |
| | | 128-190 | FAST ROTATION - SLOW ROTATION |
| | | 191-192 | STOP |
| | | 193-255 | SLOW ROTATION - FAST ROTATION |
| 22 | LED 1 Red | 0-255 | LED OFF - LED ON |
| 23 | LED 1 Green | 0-255 | LED OFF - LED ON |
| 24 | LED 1 Blue | 0-255 | LED OFF - LED ON |
| 25 | LED 2 Red | 0-255 | LED OFF - LED ON |
| 26 | LED 2 Green | 0-255 | LED OFF - LED ON |
| 27 | LED 2 Blue | 0-255 | LED OFF - LED ON |
| 28 | LED 3 Red | 0-255 | LED OFF - LED ON |
| 29 | LED 3 Green | 0-255 | LED OFF - LED ON |
| 30 | LED 3 Blue | 0-255 | LED OFF - LED ON |
| 31 | LED 4 Red | 0-255 | LED OFF - LED ON |
| 32 | LED 4 Green | 0-255 | LED OFF - LED ON |
| 33 | LED 4 Blue | 0-255 | LED OFF - LED ON |
| 34 | LED 5 Red | 0-255 | LED OFF - LED ON |
| 35 | LED 5 Green | 0-255 | LED OFF - LED ON |
| 36 | LED 5 Blue | 0-255 | LED OFF - LED ON |
| 37 | LED 6 Red | 0-255 | LED OFF - LED ON |
| 38 | LED 6 Green | 0-255 | LED OFF - LED ON |
| 39 | LED 6 Blue | 0-255 | LED OFF - LED ON |
| 40 | LED 7 Red | 0-255 | LED OFF - LED ON |
| 41 | LED 7 Green | 0-255 | LED OFF - LED ON |
| 42 | LED 7 Blue | 0-255 | LED OFF - LED ON |
| 43 | LED 8 Red | 0-255 | LED OFF - LED ON |
| 44 | LED 8 Green | 0-255 | LED OFF - LED ON |
| 45 | LED 8 Blue | 0-255 | LED OFF - LED ON |
| 46 | LED 9 Red | 0-255 | LED OFF - LED ON |

| | | | |
|----|--------------|-------|------------------|
| 47 | LED 9 Green | 0-255 | LED OFF - LED ON |
| 48 | LED 9 Blue | 0-255 | LED OFF - LED ON |
| 49 | LED 10 Red | 0-255 | LED OFF - LED ON |
| 50 | LED 10 Green | 0-255 | LED OFF - LED ON |
| 51 | LED 10 Blue | 0-255 | LED OFF - LED ON |
| 52 | LED 11 Red | 0-255 | LED OFF - LED ON |
| 53 | LED 11 Green | 0-255 | LED OFF - LED ON |
| 54 | LED 11 Blue | 0-255 | LED OFF - LED ON |
| 55 | LED 12 Red | 0-255 | LED OFF - LED ON |
| 56 | LED 12 Green | 0-255 | LED OFF - LED ON |
| 57 | LED 12 Blue | 0-255 | LED OFF - LED ON |
| 58 | LED 13 Red | 0-255 | LED OFF - LED ON |
| 59 | LED 13 Green | 0-255 | LED OFF - LED ON |
| 60 | LED 13 Blue | 0-255 | LED OFF - LED ON |
| 61 | LED 14 Red | 0-255 | LED OFF - LED ON |
| 62 | LED 14 Green | 0-255 | LED OFF - LED ON |
| 63 | LED 14 Blue | 0-255 | LED OFF - LED ON |
| 64 | LED 15 Red | 0-255 | LED OFF - LED ON |
| 65 | LED 15 Green | 0-255 | LED OFF - LED ON |
| 66 | LED 15 Blue | 0-255 | LED OFF - LED ON |
| 67 | LED 16 Red | 0-255 | LED OFF - LED ON |
| 68 | LED 16 Green | 0-255 | LED OFF - LED ON |
| 69 | LED 16 Blue | 0-255 | LED OFF - LED ON |
| 70 | LED 17 Red | 0-255 | LED OFF - LED ON |
| 71 | LED 17 Green | 0-255 | LED OFF - LED ON |
| 72 | LED 17 Blue | 0-255 | LED OFF - LED ON |
| 73 | LED 18 Red | 0-255 | LED OFF - LED ON |
| 74 | LED 18 Green | 0-255 | LED OFF - LED ON |
| 75 | LED 18 Blue | 0-255 | LED OFF - LED ON |
| 76 | LED 19 Red | 0-255 | LED OFF - LED ON |
| 77 | LED 19 Green | 0-255 | LED OFF - LED ON |
| 78 | LED 19 Blue | 0-255 | LED OFF - LED ON |

92 CHANNELS

| | | | |
|---|-----|-------|------------------|
| 1 | Red | 0-255 | LED OFF - LED ON |
|---|-----|-------|------------------|

| | | | |
|---------|--------------|---------|-------------------|
| 2 | Red fine | 0-255 | LOW - UP |
| 3 | Green | 0-255 | LED OFF - LED ON |
| 4 | Green fine | 0-255 | LOW - UP |
| 5 | Blue | 0-255 | LED OFF - LED ON |
| 6 | Blue fine | 0-255 | LOW - UP |
| 7 | White | 0-255 | LED OFF - LED ON |
| 8 | White fine | 0-255 | LOW - UP |
| 9 | Linear CTO | 225-255 | 2500 K |
| | | 189-224 | 3200 K |
| | | 145-188 | 4000 K |
| | | 118-144 | 5000 K |
| | | 100-117 | 5600 K |
| | | 55-99 | 6000 K |
| | | 11-54 | 7000 K |
| | | 10 | 8000 K |
| | | 0-9 | UNUSED RANGE |
| 10 | Macro colour | 209-255 | White |
| | | 208 | Dirty White |
| | | 207 | Alice Blue |
| | | 191-206 | Congo Blue |
| | | 184-190 | Dark Steel Blue |
| | | 180-183 | Deep lavender |
| | | 179 | Lilac Tint |
| | | 175-178 | Daylight Blue |
| | | 174 | Flame Red |
| | | 172-173 | Bastard Amber |
| | | 168-171 | Deep Orange |
| | | 162-167 | Pale Gold |
| | | 157-161 | Apricot |
| | | 151-156 | Bright Blue |
| | | 149-150 | Primary Green |
| | | 147-148 | Special lavender |
| | | 146 | Pale Lavender |
| | | 145 | Deep Golden Amber |
| | | 142-144 | Medium Blue |
| | | 138-141 | Bright Pink |
| 136-137 | Mauve | | |
| 134-135 | Dark Green | | |
| 131-133 | Leaf Green | | |

| | | |
|--|---------|-------------------|
| | 129-130 | Dark Blue |
| | 128 | Light Blue |
| | 127 | Steel Blue |
| | 126 | Med Blu Green |
| | 125 | Peacock Blue |
| | 123-124 | Magenta |
| | 121-122 | Dark Pink |
| | 120 | Middle Rose |
| | 119 | Light Salmon |
| | 118 | English Rose |
| | 117 | Light Rose |
| | 115-116 | Orange |
| | 114 | Deep Amber |
| | 113 | Straw |
| | 112 | Light Amber |
| | 110-111 | Spring Yellow |
| | 100-109 | Dark yellow green |
| | 89-99 | Just Blue |
| | 78-88 | Sky Blue |
| | 68-77 | Lavender |
| | 62-67 | Light Lavender |
| | 49-61 | Pink Carnation |
| | 46-48 | Medium Pink |
| | 45 | Light Pink |
| | 35-44 | Sunrise Red |
| | 32-34 | Dark Amber |
| | 31 | Gold Amber |
| | 30 | Medium Amber |
| | 29 | Fire |
| | 27-28 | Surprise Peach |
| | 23-26 | Straw Tint |
| | 20-22 | Medium Yellow |
| | 19 | Black |
| | 18 | White 5000 K |
| | 17 | White 3700 K |
| | 16 | White 7000 K |
| | 15 | Magenta |
| | 14 | Yellow |
| | 13 | Cyan |

| | | | |
|----|-------------------|-----------|---------------------------------|
| | | 12 | Blue |
| | | 11 | Green |
| | | 10 | Red |
| | | 0-9 | Macro color OFF |
| 11 | Strobe | 252 - 255 | OPEN |
| | | 239 - 251 | RANDOM FAST STROBE |
| | | 226 - 238 | RANDOM MEDIUM STROBE |
| | | 213 - 225 | RANDOM SLOW STROBE |
| | | 208 - 212 | OPEN |
| | | 108-207 | SLOW PULSATION - FAST PULSATION |
| | | 104 - 107 | OPEN |
| | | 4-103 | SLOW STROBE - FAST STROBE |
| | | 0 - 3 | CLOSED |
| 12 | Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 13 | Dimmer Fine | 0-255 | LOW - UP |
| 14 | Pan | 0-255 | Pan Rotation |
| 15 | Pan Fine | 0-255 | Pan Fine |
| 16 | Tilt | 0-255 | Tilt Rotation |
| 17 | Tilt Fine | 0-255 | Tilt Fine |
| 18 | Function | 0-255 | Empty |
| 19 | Reset | 0-127 | UNUSED RANGE |
| | | 128-255 | COMPLETE RESET |
| 20 | Zoom | 0-255 | NARROW BEAM - WIDE BEAM |
| 21 | Zoom Rotation | 0-127 | LINEAR ROTATION |
| | | 128-190 | FAST ROTATION - SLOW ROTATION |
| | | 191-192 | STOP |
| | | 193-255 | SLOW ROTATION - FAST ROTATION |
| 22 | Shape Selection | 0-255 | Shape Effect |
| 23 | Shape Speed | 0-255 | SLOW Speed - FAST Speed |
| 24 | Shape Fade | 0-255 | Fade effect |
| 25 | Shape R | 0-255 | LED OFF - LED ON |
| 26 | Shape G | 0-255 | LED OFF - LED ON |
| 27 | Shape B | 0-255 | LED OFF - LED ON |
| 28 | Shape W | 0-255 | LED OFF - LED ON |
| 29 | Shape Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 30 | Background Dimmer | 0-255 | NO LIGHT - FULL LIGHT |

| | | | |
|----|-------------------|-------|-------------------------|
| 31 | Shape Transition | 0-255 | Shape Transition Effect |
| 32 | Shape Offset | 0-255 | Shape Offset Effect |
| 33 | Foreground Strobe | 0-255 | Empty |
| 34 | Background Strobe | 0-255 | Empty |
| 35 | Background Select | 0-255 | Empty |
| 36 | LED 1 Red | 0-255 | LED OFF - LED ON |
| 37 | LED 1 Green | 0-255 | LED OFF - LED ON |
| 38 | LED 1 Blue | 0-255 | LED OFF - LED ON |
| 39 | LED 2 Red | 0-255 | LED OFF - LED ON |
| 40 | LED 2 Green | 0-255 | LED OFF - LED ON |
| 41 | LED 2 Blue | 0-255 | LED OFF - LED ON |
| 42 | LED 3 Red | 0-255 | LED OFF - LED ON |
| 43 | LED 3 Green | 0-255 | LED OFF - LED ON |
| 44 | LED 3 Blue | 0-255 | LED OFF - LED ON |
| 45 | LED 4 Red | 0-255 | LED OFF - LED ON |
| 46 | LED 4 Green | 0-255 | LED OFF - LED ON |
| 47 | LED 4 Blue | 0-255 | LED OFF - LED ON |
| 48 | LED 5 Red | 0-255 | LED OFF - LED ON |
| 49 | LED 5 Green | 0-255 | LED OFF - LED ON |
| 50 | LED 5 Blue | 0-255 | LED OFF - LED ON |
| 51 | LED 6 Red | 0-255 | LED OFF - LED ON |
| 52 | LED 6 Green | 0-255 | LED OFF - LED ON |
| 53 | LED 6 Blue | 0-255 | LED OFF - LED ON |
| 54 | LED 7 Red | 0-255 | LED OFF - LED ON |
| 55 | LED 7 Green | 0-255 | LED OFF - LED ON |
| 56 | LED 7 Blue | 0-255 | LED OFF - LED ON |
| 57 | LED 8 Red | 0-255 | LED OFF - LED ON |
| 58 | LED 8 Green | 0-255 | LED OFF - LED ON |
| 59 | LED 8 Blue | 0-255 | LED OFF - LED ON |
| 60 | LED 9 Red | 0-255 | LED OFF - LED ON |
| 61 | LED 9 Green | 0-255 | LED OFF - LED ON |
| 62 | LED 9 Blue | 0-255 | LED OFF - LED ON |
| 63 | LED 10 Red | 0-255 | LED OFF - LED ON |
| 64 | LED 10 Green | 0-255 | LED OFF - LED ON |
| 65 | LED 10 Blue | 0-255 | LED OFF - LED ON |
| 66 | LED 11 Red | 0-255 | LED OFF - LED ON |
| 67 | LED 11 Green | 0-255 | LED OFF - LED ON |
| 68 | LED 11 Blue | 0-255 | LED OFF - LED ON |
| 69 | LED 12 Red | 0-255 | LED OFF - LED ON |

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|----|--------------|-------|------------------|
| 70 | LED 12 Green | 0-255 | LED OFF - LED ON |
| 71 | LED 12 Blue | 0-255 | LED OFF - LED ON |
| 72 | LED 13 Red | 0-255 | LED OFF - LED ON |
| 73 | LED 13 Green | 0-255 | LED OFF - LED ON |
| 74 | LED 13 Blue | 0-255 | LED OFF - LED ON |
| 75 | LED 14 Red | 0-255 | LED OFF - LED ON |
| 76 | LED 14 Green | 0-255 | LED OFF - LED ON |
| 77 | LED 14 Blue | 0-255 | LED OFF - LED ON |
| 78 | LED 15 Red | 0-255 | LED OFF - LED ON |
| 79 | LED 15 Green | 0-255 | LED OFF - LED ON |
| 80 | LED 15 Blue | 0-255 | LED OFF - LED ON |
| 81 | LED 16 Red | 0-255 | LED OFF - LED ON |
| 82 | LED 16 Green | 0-255 | LED OFF - LED ON |
| 83 | LED 16 Blue | 0-255 | LED OFF - LED ON |
| 84 | LED 17 Red | 0-255 | LED OFF - LED ON |
| 85 | LED 17 Green | 0-255 | LED OFF - LED ON |
| 86 | LED 17 Blue | 0-255 | LED OFF - LED ON |
| 87 | LED 18 Red | 0-255 | LED OFF - LED ON |
| 88 | LED 18 Green | 0-255 | LED OFF - LED ON |
| 89 | LED 18 Blue | 0-255 | LED OFF - LED ON |
| 90 | LED 19 Red | 0-255 | LED OFF - LED ON |
| 91 | LED 19 Green | 0-255 | LED OFF - LED ON |
| 92 | LED 19 Blue | 0-255 | LED OFF - LED ON |

97 CHANNELS

| | | | |
|---|------------|---------|------------------|
| 1 | Red | 0-255 | LED OFF - LED ON |
| 2 | Red fine | 0-255 | LOW - UP |
| 3 | Green | 0-255 | LED OFF - LED ON |
| 4 | Green fine | 0-255 | LOW - UP |
| 5 | Blue | 0-255 | LED OFF - LED ON |
| 6 | Blue fine | 0-255 | LOW - UP |
| 7 | White | 0-255 | LED OFF - LED ON |
| 8 | White fine | 0-255 | LOW - UP |
| 9 | Linear CTO | 225-255 | 2500 K |
| | | 189-224 | 3200 K |
| | | 145-188 | 4000 K |
| | | 118-144 | 5000 K |

| | | | |
|-----|--------------|---------|-------------------|
| | | 100-117 | 5600 K |
| | | 55-99 | 6000 K |
| | | 11-54 | 7000 K |
| | | 10 | 8000 K |
| | | 0-9 | UNUSED RANGE |
| 10 | Macro colour | 209-255 | White |
| | | 208 | Dirty White |
| | | 207 | Alice Blue |
| | | 191-206 | Congo Blue |
| | | 184-190 | Dark Steel Blue |
| | | 180-183 | Deep lavender |
| | | 179 | Lilac Tint |
| | | 175-178 | Daylight Blue |
| | | 174 | Flame Red |
| | | 172-173 | Bastard Amber |
| | | 168-171 | Deep Orange |
| | | 162-167 | Pale Gold |
| | | 157-161 | Apricot |
| | | 151-156 | Bright Blue |
| | | 149-150 | Primary Green |
| | | 147-148 | Special lavender |
| | | 146 | Pale Lavender |
| | | 145 | Deep Golden Amber |
| | | 142-144 | Medium Blue |
| | | 138-141 | Bright Pink |
| | | 136-137 | Mauve |
| | | 134-135 | Dark Green |
| | | 131-133 | Leaf Green |
| | | 129-130 | Dark Blue |
| | | 128 | Light Blue |
| | | 127 | Steel Blue |
| | | 126 | Med Blu Green |
| | | 125 | Peacock Blue |
| | | 123-124 | Magenta |
| | | 121-122 | Dark Pink |
| 120 | Middle Rose | | |
| 119 | Light Salmon | | |
| 118 | English Rose | | |
| 117 | Light Rose | | |

| | | | |
|----|--------|-----------|---------------------------------|
| | | 115-116 | Orange |
| | | 114 | Deep Amber |
| | | 113 | Straw |
| | | 112 | Light Amber |
| | | 110-111 | Spring Yellow |
| | | 100-109 | Dark yellow green |
| | | 89-99 | Just Blue |
| | | 78-88 | Sky Blue |
| | | 68-77 | Lavender |
| | | 62-67 | Light Lavender |
| | | 49-61 | Pink Carnation |
| | | 46-48 | Medium Pink |
| | | 45 | Light Pink |
| | | 35-44 | Sunrise Red |
| | | 32-34 | Dark Amber |
| | | 31 | Gold Amber |
| | | 30 | Medium Amber |
| | | 29 | Fire |
| | | 27-28 | Surprise Peach |
| | | 23-26 | Straw Tint |
| | | 20-22 | Medium Yellow |
| | | 19 | Black |
| | | 18 | White 5000 K |
| | | 17 | White 3700 K |
| | | 16 | White 7000 K |
| | | 15 | Magenta |
| | | 14 | Yellow |
| | | 13 | Cyan |
| | | 12 | Blue |
| | | 11 | Green |
| | | 10 | Red |
| | | 0-9 | Macro color OFF |
| 11 | Strobe | 252 - 255 | OPEN |
| | | 239 - 251 | RANDOM FAST STROBE |
| | | 226 - 238 | RANDOM MEDIUM STROBE |
| | | 213 - 225 | RANDOM SLOW STROBE |
| | | 208 - 212 | OPEN |
| | | 108-207 | FAST PULSATION - SLOW PULSATION |

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|----|---------------|-----------|-------------------------------|
| | | 104 - 107 | OPEN |
| | | 4-103 | SLOW STROBE - FAST STROBE |
| | | 0 - 3 | CLOSED |
| 12 | Dimmer | 0-255 | NO LIGHT - FULL LIGHT |
| 13 | Dimmer Fine | 0-255 | LOW - UP |
| 14 | Pan | 0-255 | Pan Rotation |
| 15 | Pan Fine | 0-255 | Pan Fine |
| 16 | Tilt | 0-255 | Tilt Rotation |
| 17 | Tilt Fine | 0-255 | Tilt Fine |
| 18 | Function | 0-255 | Empty |
| 19 | Reset | 0-127 | UNUSED RANGE |
| | | 128-255 | COMPLETE RESET |
| 20 | Zoom | 0-255 | NARROW BEAM - WIDE BEAM |
| 21 | Zoom Rotation | 0-127 | LINEAR ROTATION |
| | | 128-190 | FAST ROTATION - SLOW ROTATION |
| | | 191-192 | STOP |
| | | 193-255 | SLOW ROTATION - FAST ROTATION |
| 22 | LED 1 Red | 0-255 | LED OFF - LED ON |
| 23 | LED 1 Green | 0-255 | LED OFF - LED ON |
| 24 | LED 1 Blue | 0-255 | LED OFF - LED ON |
| 25 | LED 1 White | 0-255 | LED OFF - LED ON |
| 26 | LED 2 Red | 0-255 | LED OFF - LED ON |
| 27 | LED 2 Green | 0-255 | LED OFF - LED ON |
| 28 | LED 2 Blue | 0-255 | LED OFF - LED ON |
| 29 | LED 2 White | 0-255 | LED OFF - LED ON |
| 30 | LED 3 Red | 0-255 | LED OFF - LED ON |
| 31 | LED 3 Green | 0-255 | LED OFF - LED ON |
| 32 | LED 3 Blue | 0-255 | LED OFF - LED ON |
| 33 | LED 3 White | 0-255 | LED OFF - LED ON |
| 34 | LED 4 Red | 0-255 | LED OFF - LED ON |
| 35 | LED 4 Green | 0-255 | LED OFF - LED ON |
| 36 | LED 4 Blue | 0-255 | LED OFF - LED ON |
| 37 | LED 4 White | 0-255 | LED OFF - LED ON |
| 38 | LED 5 Red | 0-255 | LED OFF - LED ON |
| 39 | LED 5 Green | 0-255 | LED OFF - LED ON |
| 40 | LED 5 Blue | 0-255 | LED OFF - LED ON |
| 41 | LED 5 White | 0-255 | LED OFF - LED ON |

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|----|--------------|-------|------------------|
| 42 | LED 6 Red | 0-255 | LED OFF - LED ON |
| 43 | LED 6 Green | 0-255 | LED OFF - LED ON |
| 44 | LED 6 Blue | 0-255 | LED OFF - LED ON |
| 45 | LED 6 White | 0-255 | LED OFF - LED ON |
| 46 | LED 7 Red | 0-255 | LED OFF - LED ON |
| 47 | LED 7 Green | 0-255 | LED OFF - LED ON |
| 48 | LED 7 Blue | 0-255 | LED OFF - LED ON |
| 49 | LED 7 White | 0-255 | LED OFF - LED ON |
| 50 | LED 8 Red | 0-255 | LED OFF - LED ON |
| 51 | LED 8 Green | 0-255 | LED OFF - LED ON |
| 52 | LED 8 Blue | 0-255 | LED OFF - LED ON |
| 53 | LED 8 White | 0-255 | LED OFF - LED ON |
| 54 | LED 9 Red | 0-255 | LED OFF - LED ON |
| 55 | LED 9 Green | 0-255 | LED OFF - LED ON |
| 56 | LED 9 Blue | 0-255 | LED OFF - LED ON |
| 57 | LED 9 White | 0-255 | LED OFF - LED ON |
| 58 | LED 10 Red | 0-255 | LED OFF - LED ON |
| 59 | LED 10 Green | 0-255 | LED OFF - LED ON |
| 60 | LED 10 Blue | 0-255 | LED OFF - LED ON |
| 61 | LED 10 White | 0-255 | LED OFF - LED ON |
| 62 | LED 11 Red | 0-255 | LED OFF - LED ON |
| 63 | LED 11 Green | 0-255 | LED OFF - LED ON |
| 64 | LED 11 Blue | 0-255 | LED OFF - LED ON |
| 65 | LED 11 White | 0-255 | LED OFF - LED ON |
| 66 | LED 12 Red | 0-255 | LED OFF - LED ON |
| 67 | LED 12 Green | 0-255 | LED OFF - LED ON |
| 68 | LED 12 Blue | 0-255 | LED OFF - LED ON |
| 69 | LED 12 White | 0-255 | LED OFF - LED ON |
| 70 | LED 13 Red | 0-255 | LED OFF - LED ON |
| 71 | LED 13 Green | 0-255 | LED OFF - LED ON |
| 72 | LED 13 Blue | 0-255 | LED OFF - LED ON |
| 73 | LED 13 White | 0-255 | LED OFF - LED ON |
| 74 | LED 14 Red | 0-255 | LED OFF - LED ON |
| 75 | LED 14 Green | 0-255 | LED OFF - LED ON |
| 76 | LED 14 Blue | 0-255 | LED OFF - LED ON |
| 77 | LED 14 White | 0-255 | LED OFF - LED ON |
| 78 | LED 15 Red | 0-255 | LED OFF - LED ON |
| 79 | LED 15 Green | 0-255 | LED OFF - LED ON |
| 80 | LED 15 Blue | 0-255 | LED OFF - LED ON |

| | | | |
|----|--------------|-------|------------------|
| 81 | LED 15 White | 0-255 | LED OFF - LED ON |
| 82 | LED 16 Red | 0-255 | LED OFF - LED ON |
| 83 | LED 16 Green | 0-255 | LED OFF - LED ON |
| 84 | LED 16 Blue | 0-255 | LED OFF - LED ON |
| 85 | LED 16 White | 0-255 | LED OFF - LED ON |
| 86 | LED 17 Red | 0-255 | LED OFF - LED ON |
| 87 | LED 17 Green | 0-255 | LED OFF - LED ON |
| 88 | LED 17 Blue | 0-255 | LED OFF - LED ON |
| 89 | LED 17 White | 0-255 | LED OFF - LED ON |
| 90 | LED 18 Red | 0-255 | LED OFF - LED ON |
| 91 | LED 18 Green | 0-255 | LED OFF - LED ON |
| 92 | LED 18 Blue | 0-255 | LED OFF - LED ON |
| 93 | LED 18 White | 0-255 | LED OFF - LED ON |
| 94 | LED 19 Red | 0-255 | LED OFF - LED ON |
| 95 | LED 19 Green | 0-255 | LED OFF - LED ON |
| 96 | LED 19 Blue | 0-255 | LED OFF - LED ON |
| 97 | LED 19 White | 0-255 | LED OFF - LED ON |