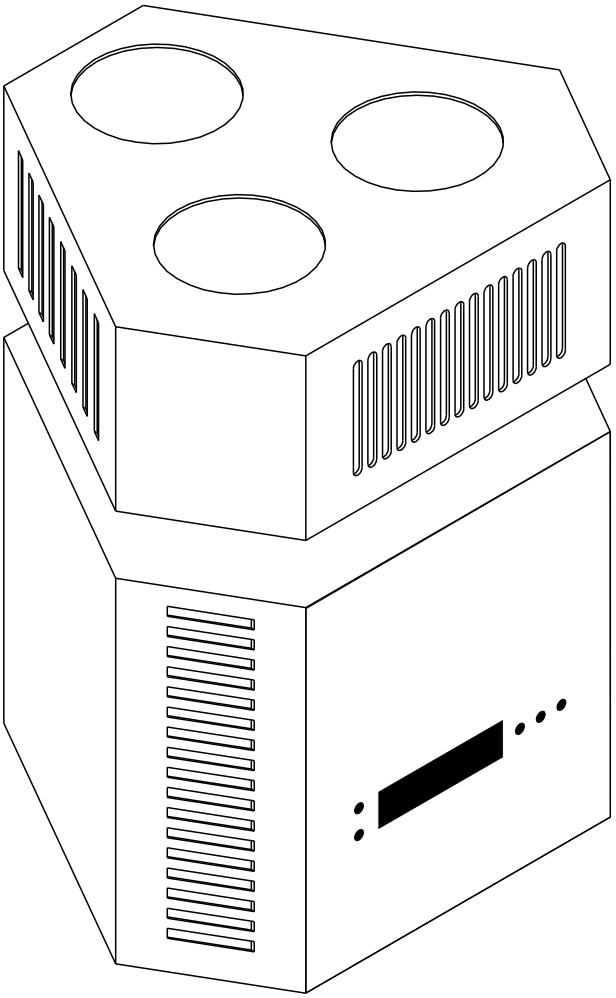
OXO

ColorTruss



# User Instruction

(24-004-1055, Rev1.0 July 2003)

CE

# Introductions

This unit is a RGB color mixing lighting fixture specially designed for installation in truss-systems. There are two operating modes: DMX and Self-test modes. When DMX signal is present, this unit can be used as a 3 channel dimmer pack which controls 3 Par-16/50W Halogen lamps by DMX. When DMX signal is not available, Self-test mode allows you to operate this unit in either Manual test or Auto test mode.

# Warning!

This product must be grounded. Do not spill water or other liquids into or on to your unit. To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

# Caution!

There are no user serviceable parts inside this unit. Do not attempt any repairs yourself. Should you experience any problem during use, please contact your local dealer immediately. Do not discard the shipping carton in the trash. Please recycle when ever possible.

# Fuse replacement:

Disconnect the unit's main power. Insert a standard flat screwdriver in to the fuse holder housing. Turn the screw-driver in counterclockwise direction to release the fuse holder. Remove the old fuse and replace it with the same type. Insert the fuse holder back into its housing and turn in clockwise direction to lock the holder in place.

# Operating Instructions:

## DMX Mode:

1. Be sure the DMX LED blinks and Mode dip-switch 4 is "Off', which indicate DMX mode is active. This mode allows you to use this unit as a DMX dimmer pack.

2. Please follow the setup of Address dip Switch 1-10 to select desired DMX address.

3. You can select desired operating mode from Color/Color & Bright/RGB modes.

**Color Mode:** Assign MODE dip switch 1 to the "ON" position, this pack is set to Color Mode. The output of the color will be controlled by one DMX channel with the use of a DMX controller. 0 will give no output and 100 will give you full output.

**Color & Bright Mode:** Assign MODE dip switch 2 to the "ON" position, this pack is set to Color & Bright Mode. The output of the color will be controlled by one DMX channel and the bright will be controlled by another DMX channel.

**RGB Mode:** Assign MODE dip switch 3 to the "ON" position, this pack is set to RGB Mode. The output of the blue lighting effect will be controlled by the first DMX channel, the red will be controlled by the second DMX channel and the green by the third DMX channel.

## Self-test Mode:

Self-test mode can be accessed by switching Mode dip-switch 4 on. Self-test mode consists of Manual test and Auto test modes. Switch Address dip-switch 10 off allows to access Manual test mode, and switching the switch on allows to access Auto test mode.

**Manual test:** Address dip-switch 1, 2 and 3 would result in blue adjustments , dip-switch 4, 5 and 6 would result in red adjustments, dip-switch 7, 8 and 9 would result in green adjustments.

**Auto test:** The setup of Address dip-switch 7, 8 and 9 allows you to select any of 8 preset Programs. The setup of Address dip-switch 1, 2, 3, 4 and 5 allows you to select chase speed from 32 chase rates, among which dip-switch 1, 2, 3, 4 and 5 all being off refers to the slowest speed, and dip-switch 1, 2, 3, 4 and 5 all being on refers to the fastest speed. Switching Address dip-switch 6 on or off enables or disables Fade time.

# Appendix

1. " N " denotes DMX value(0-255). For example:
   If DMX value is 239, the intensity of blue will be 50-(239-237)x6=38%, and the intensity of red will be 25-(239-237)x6=13%, green intensity be 100%.
2. " * " denotes unnameable color.

The color and intensity can be changed according the following table:

| DMX Value (Decimal) | Blue (Intensity, 0-100%) | Red (Intensity, 0-100%) | Green (Intensity, 0-100%) | Color |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | Black |
| 1-2 | 100 | 0 | 0 | Blue |
| 3-23 | 100 | (N-2)x3 | 0 | * |
| 34 | 100 | 100 | 0 | Blue & Red |
| 35-65 | 100-(N-34)x3 | 100 | 0 | * |
| 66-69 | 0 | 100 | 0 | Red |
| 70-100 | 0 | 100 | (N-69)x3 | * |
| 101 | 0 | 100 | 100 | Red & Green |
| 102-132 | 0 | 100-(N-101)x3 | 100 | * |
| 133-136 | 0 | 0 | 100 | Green |
| 137-167 | (N-136)x3 | 0 | 100 | * |
| 168 | 100 | 0 | 100 | Blue & Green |
| 169-199 | 100 | 0 | 100-(N-168)x3 | * |
| 200-206 | 100 | (N-199)x6 | (N-199)x12 | * |
| 207 | 100 | 50 | 100 | * |
| 208-210 | 100-(N-207)x12 | 50+(N-207)x12 | 100 | * |
| 211 | 50 | 100 | 100 | * |
| 212-215 | 50-(N-211)x6 | 100 | 100-(N-211)x12 | * |
| 216-218 | 25-(N-215)x6 | 100 | 50-(N-215)x6 | * |
| 219-222 | (N-217)x6 | 100 | 25-(N-219)x6 | * |
| 223-225 | 38+(N-223)x6 | 100 | (N-221)x6 | * |
| 226-228 | 50+(N-225)x12 | 100 | 25+(N-225)x6 | * |
| 229 | 100 | 100 | 50 | * |
| 230-232 | 100 | 100-(N-229)x12 | 50+(N-229)x12 | * |
| 233 | 100 | 50 | 100 | * |
| 234-236 | 100-(N-233)x12 | 50-(N-233)x6 | 100 | * |
| 237 | 50 | 25 | 100 | * |
| 238-240 | 50-(N-237)x6 | 25-(N-237)x6 | 100 | * |
| 241-244 | 25-(N-241)x6 | (N-239)x6 | 100 | * |
| 245-247 | (N-243)x6 | (N-239)x6 | 100 | * |
| 248-251 | 25+(N-247)x6 | 50+(N-247)x12 | 100 | * |
| 252-254 | 50+(N-251)x12 | 100 | 100 | * |
| 255 | 100 | 100 | 100 | White |

# Technical Specifications

**Power Input** ..... AC 230V ~ 50Hz, 1A max.
**Lamp** ..... Par-16 12V/50W, EXN 16, GU 5.3x3
**Fuse** ..... F2A 250V 5x20mm
**Accessory** ..... Truss mounting plate(optional)
**Dimensions** ..... 148x90x90mm
**Weight** ..... 2.3 Kg