



OPERATION MANUAL & WARRANTY



mood

temporary state of mind

light

energy that stimulates the sense of sight

mood-light

The next dimension of light, style and self-expression.
The dawning of a new experience.



YOUR MOOD-LIGHT COLOR BEAMER DMX

This Operation Manual gives you some important and detailed information on how to use your Mood-Light Color Beamer DMX. Read through the Operation Manual carefully and follow all steps to get started.

Features

- Mood-Light Color Beamer System
- Built-in Power Supply
- Built-in Data Repeater
- Data and Power Indicators
- UV Coated Lens Cover
- Mechanical Angle Adjustment

Package Contents

- Mood-Light Color Beamer ML-1355
- Coiled Data Cable
- AC Cord End Cap
- Data End Cap
- Installation Guide

Caution: The ML-1355 will only function when properly connected to a powered ON, programmed DMX controller.

GETTING STARTED

The following is required before operating your Mood-Light Color Beamer:

- DMX512 Controller (not supplied)
 - Mains Power Cord *
 - DMX Input Connector *
- * Supplied in the Mood-Light Color Beamer Starter Kit.

Please ensure that you already have a DMX controller. You must then purchase the Mood-Light Color Beamer start-up kit that includes both the mains Power Cord and DMX Input Connector.

Installation

Make a layout plan so that you can easily determine the quantity of fixtures to be installed then label each fixture with the desired DMX address.

Different DMX Controllers have different data output connectors. Please refer to your DMX manual to ensure that the correct connector and pin configurations are used. Should you require matching cables and connectors, then please contact your local Mood-Light distributor.

Please ensure that your installation conforms with the local health and safety guidelines. Please consult your local official representative if unsure of this or if further clarification is required.

Mounting

Your Mood-Light Color Beamer must be mounted on a flat surface. The lamp can be rotated through 180 degrees in 20 degree steps.

The lamp can be also be adjusted by up to 20 degrees by loosening the two central fixture screws.

You must supply your own mounting screws for the unit, as well as a mounting chain and retaining bolt as required.

Safety Cables

An eyelet for Safety Cable attachment has been provided and is located at the metal base near the mounting hole. Use this eyelet to attach your safety cable. Please use safety chains / bolts appropriate to your installation. If unsure then please consult a qualified engineer.

CONNECTING THE FIRST FIXTURE

Power Connection

Connect Power Cord between the mains and the first unit's AC Input. Secure and tighten the IP65 connector to ensure water protection is achieved (comes as part of the Mood-Light Color Beamer Starter Kit).

Data Connection

Connect the Data Input Connector between your DMX controller and the Data Input on the fixture. Make sure that the connector is inserted correctly into the fixture and that the locking arm is properly in place.

End Caps

AC Cord and data End Caps have been provided with each unit. These must be used to cover all unprotected power supply connectors (AC OUT) and Data Output in the installation. (If unsure then consult a qualified electrical engineer for advise or for completing any electrical work)

Outdoor Installation

Used only IP65 water tight connectors available for Mood-Light Color Beamer. Failure to do so will not guarantee proper protection against dirt and water that could damage the product.

CONNECTING SUBSEQUENT FIXTURES

Power

You can connect power to the next fixture by connecting the AC OUT to AC IN of the next fixture and securing the locking ring on the connector.

The maximum number of fixtures that can be connected from one mains power cord depends on your local voltage. If your installation exceeds this number, a separate Power Cord from the mains is needed to create another group of fixtures.

IMPORTANT: Maximum Number of ML-1355 per One Power Cord

100Vac = 100 units

220Vac = 220 units

110Vac = 110 units

230Vac = 230 units

120Vac = 120 units

240Vac = 240 units

Data

Use the Coiled Data Cord provided, connecting the Data Out to Data In of the next fixture. Ensure that the locking mechanism is fully in place.

Power ON Sequence

1. Ensure all power connections are completed with AC cord end caps in place.
2. Ensure all data connections are completed with data end caps in place.
3. Power ON the Mood-Light Color Beamer DMX
4. Power ON the programmed DMX Controller.
5. Power ON sequence should take less than 30 seconds depending on DMX unit used.

Power and Data Indicators

Data and power indicators are located on the underside of the fixture.

Steady Red on the power indicates the power is on.

Flickering Green on the data indicates data transmission.

SETTING DMX ADDRESS



Each unit is shipped with a default DIP Switch setting “00000000” which corresponds to DMX Channel 1 - Red, Channel 2 - Green and Channel 3 - Blue. Should you desire a different address; open the rectangular cover marked DMX ADDRESS located at the bottom of the unit by removing the two screws.

You will find a 9-position DIP switch which you can change. Please refer to the Color Beamer DMX512 address table to select the required DIP switch setting for the unit. Replace cover after setting the address ensuring seal is correctly in place.

Note: The fixture will only recognize the address setting when it is turned ON. Modifying the address while the fixture is ON is not possible. You must turn the unit OFF then ON again to reset the address. DMX Mood-Light will be totally dependent on the function and features of the DMX Controller.

Address Table

DIP SWITCH SETTING:

0 = OFF 1 = ON

Example: Module Address 3
DIP SWITCH 01100000

DMX Channel 7: RED
DMX Channel 8: GREEN
DMX Channel 9: BLUE

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 4-6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 7-9 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 10-12 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 | 13-15 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 6 | 16-18 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7 | 19-21 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 8 | 22-24 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9 | 25-27 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 10 | 28-30 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 11 | 31-33 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 12 | 34-36 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 13 | 37-39 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 14 | 40-42 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15 | 43-45 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 16 | 46-48 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 17 | 49-51 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 18 | 52-54 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 19 | 55-57 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 20 | 58-60 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 21 | 61-63 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 22 | 64-66 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 23 | 67-69 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 24 | 70-72 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| 25 | 73-75 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 26 | 76-78 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 27 | 79-81 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 28 | 82-84 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| 29 | 85-87 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 30 | 88-90 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 31 | 91-93 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 32 | 94-96 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 |
| 33 | 97-99 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 34 | 100-102 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 35 | 103-105 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 36 | 106-108 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 37 | 109-111 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 38 | 112-114 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| 39 | 115-117 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| 40 | 118-120 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 41 | 121-123 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| 42 | 124-126 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| 43 | 127-129 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 44 | 130-132 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 45 | 133-135 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 46 | 136-138 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 47 | 139-141 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 48 | 142-144 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| 49 | 145-147 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 50 | 148-150 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 51 | 151-153 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 52 | 154-156 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 53 | 157-159 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 54 | 160-162 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 55 | 163-165 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 56 | 166-168 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 57 | 169-171 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 58 | 172-174 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 59 | 175-177 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 60 | 178-180 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 61 | 181-183 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 62 | 184-186 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 63 | 187-189 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 |
| 64 | 190-192 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 65 | 193-195 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 66 | 196-198 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 67 | 199-201 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 68 | 202-204 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| 69 | 205-207 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 70 | 208-210 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 71 | 211-213 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 72 | 214-216 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 73 | 217-219 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 74 | 220-222 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 75 | 223-225 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 |
| 76 | 226-228 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| 77 | 229-231 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 78 | 232-234 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 79 | 235-237 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| 80 | 238-240 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 81 | 241-243 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 82 | 244-246 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 83 | 247-249 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 84 | 250-252 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 85 | 253-255 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 86 | 256-258 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 87 | 259-261 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 88 | 262-264 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| 89 | 265-267 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 90 | 268-270 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 91 | 271-273 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| 92 | 274-276 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| 93 | 277-279 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 94 | 280-282 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| 95 | 283-285 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 96 | 286-288 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| 97 | 289-291 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 98 | 292-294 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 99 | 295-297 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| 100 | 298-300 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 101 | 301-303 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 102 | 304-306 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| 103 | 307-309 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| 104 | 310-312 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| 105 | 313-315 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 106 | 316-318 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| 107 | 319-321 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 108 | 322-324 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 109 | 325-327 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 110 | 328-330 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 111 | 331-333 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| 112 | 334-336 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 113 | 337-339 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 114 | 340-342 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 115 | 343-345 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 116 | 346-348 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 117 | 349-351 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 118 | 352-354 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 119 | 355-357 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 120 | 358-360 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 121 | 361-363 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 122 | 364-366 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
| 123 | 367-369 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 124 | 370-372 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| 125 | 373-375 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| 126 | 376-378 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| 127 | 379-381 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 128 | 382-384 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 129 | 385-387 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 130 | 388-390 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 131 | 391-393 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| 132 | 394-396 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 133 | 397-399 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 134 | 400-402 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| 135 | 403-405 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 136 | 406-408 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 137 | 409-411 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 138 | 412-414 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 139 | 415-417 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| 140 | 418-420 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 141 | 421-423 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 142 | 424-426 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 143 | 427-429 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 144 | 430-432 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 145 | 433-435 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 146 | 436-438 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| 147 | 439-441 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 148 | 442-444 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 |
| 149 | 445-447 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 150 | 448-450 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 151 | 451-453 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 152 | 454-456 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| 153 | 457-459 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 154 | 460-462 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 155 | 463-465 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |
| 156 | 466-468 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| 157 | 469-471 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 158 | 472-474 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 159 | 475-477 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 |
| 160 | 478-480 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |

| FIXTURE ADDRESS | DMX CHANNEL | DIP SWITCH | | | | | | | | |
|-----------------|-------------|------------|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 161 | 481-483 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 162 | 484-486 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 163 | 487-489 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| 164 | 490-492 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 165 | 493-495 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 166 | 496-498 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| 167 | 499-501 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 168 | 502-504 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 169 | 505-507 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 170 | 508-510 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |

CARE AND MAINTENANCE



Your Mood-Light Color Beamer DMX is a product of superior design and quality, which should be treated with care. The suggestions below will help you to fulfill any warranty obligations and to enjoy this product for many years.

To ensure simultaneous function for all Mood-Lights Color Beamer DMX of your Mood-Light installation, make sure each unit has been properly connected with an appropriate cable.

When installing and using your Mood-Light Color Beamer DMX:

- Make sure it is installed properly and securely.
- Keep it and all its parts out of children's reach.
- Do no use or store it in dusty or dirty areas. The lighting parts can lose brightness.
- Do not attempt to open, alter or tamper with your Mood-Light Color Beamer DMX. Non-expert handling may damage the unit and may cause injury to the user.
- Do not tamper with or replace LED bulbs.
- Do not drop, knock or shake the Mood-Light Color Beamer DMX. Rough handling can break internal circuit boards and lights.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean.
- Do not paint or alter it in any way. This can alter the lighting effects and appearance.

If the Mood-Light Color Beamer DMX or its accessories are not working properly, contact your nearest qualified service facility. Personnel there will assist you, and if necessary, arrange for service.

TECHNICAL SPECIFICATIONS



Electrical:

Input Voltage: 100-240 VAC

Supply Frequency: 50-60Hz

Total Input Power: Max 8W

Data Protocol - USITT DMX-512/1990 Environmental:

Operating Temperature: -20 to +50 deg. C

Humidity: 0 - 100%

Lamp Life: 75,000 MTBF (30% degradation)

MTBS - 75,000 hrs between service intervals

IP service rating - IP65 with proper cables and caps

Mood-Light Color Beamer:

Light source - High intensity SMD LEDs in Red, Green and Blue

Color Resolution - 24bit RGB

Color Range - 16.7 million colors

Optical Angle (FWHM) - 15 degrees

Mechanical:

Housing - Glass Fiber filled PC/ABS blend fitted with Zinc alloy casting

Adjustment - X axis = 20 degrees, Y axis = 180 degrees, 9 steps.

Safety Approbation:

Meets UL1598, CSA22.2, FCC, EN55022, EN55024, EN60598, and EN61000

LIMITED WARRANTY



Traxon guarantee that this Mood-Light Color Beamer DMXis free from defects in material and workmanship according to the following terms and conditions:

- The warranty of the Mood-Light Color Beamer DMX is valid for 12 months from the date of purchase of the product.
- This limited warranty does not cover damages due to improper installation or improper testing or problems with electrical power usage not in accordance with specification.
- Traxon is not responsible for any damages due to unauthorized repair, unauthorized modifications and alteration of the Mood-Light Color Beamer DMX.
- During the limited warranty period, Traxon or its authorized distributors will either repair or replace any defective product or parts thereof with new or factory rebuilt replacement items, and return the product to the consumer in working condition. No charge will be made to the consumer for either parts or labor in repairing or replacing the product.
- The repaired product will be guaranteed for the balance of the original warranty period, or for ninety days from the date of repair; whichever is longer.
- Upon request from Traxon or its authorized distributors the consumer must provide the purchase receipt or other information such as the product serial number to prove the date and place of purchase.
- Transportation, delivery and handling charges incurred in the return of the product to and from Traxon or its authorized distributors will be borne by the customer.

The consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:

- The product has been subject to abnormal use, abnormal condition, improper storage, exposure to moisture or dampness, exposure to excessive temperature or other such environmental conditions, unauthorized modifications, unauthorized connection, unauthorized repairs, misuse, neglect, abuse, accident, alteration, improper installation, acts of God, spillage of foods or liquids, maladjustment of customer controls or other acts which are beyond reasonable control of Traxon, including deficiencies in consumable parts such as fuses. Breakage or damages unless caused directly by defects in materials and workmanship and normal wear and tear of the product.
- Traxon was not notified by the consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.
- The product serial number label on the reverse of the Mood-Light Color Beamer DMX has been removed, defaced or altered.
- The product was used with or connected to accessories not supplied by Traxon.

If a problem develops during the limited warranty period the consumer should take the following steps:

- 1) The consumer shall contact his/her local and authorized distributor.
- 2) The consumer shall arrange for the product to be delivered to the authorized distributor. Expenses, related to removing the product from an installation are not covered under this warranty. Expenses related to transportation to the distributor are not covered by this warranty.
- 3) The consumer will be billed for any parts or labor charges not covered by this limited warranty.
- 4) The consumer shall be responsible for expenses related to reinstallation of the product.
- 5) If the product is returned to the nearest distributor after the expiration of the warranty period Traxon and its distributor'S normal service policies shall apply and the consumer will be charged accordingly.

Any implied warranty of merchantability, or fitness for a particular purpose or use, shall be limited to the duration of the foregoing written warranty. Otherwise, the foregoing warranty is the purchaser sole and exclusive remedy and is in lieu of all other warranties, express or implied. Traxon shall not be liable for incidental or consequential damages or a loss of anticipated benefits or profits.

All warranty information, product features and specifications are subject to change without notice.

(S H O P D E A L E R ' S S T A M P A N D D A T E)

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TRAXON
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