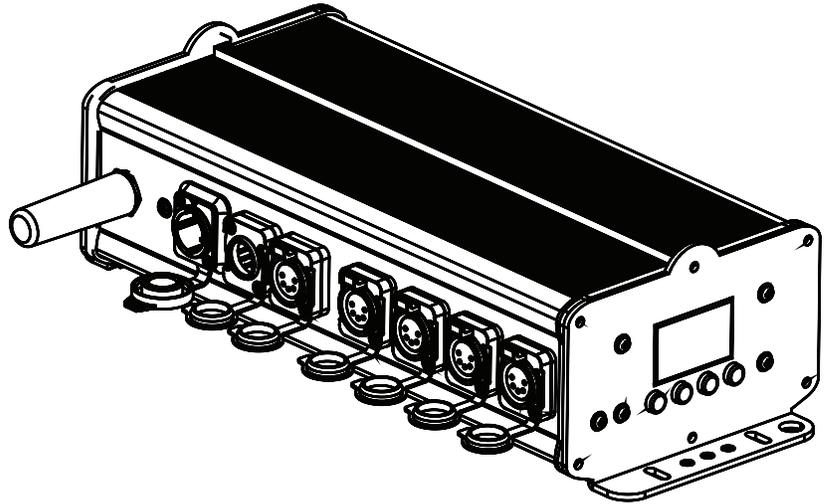


[®]
LITE
MEGGA

Tetra Driver4



USER MANUAL

Table of Contents

Safety Information.....	2
What's Included.....	2
Specifications.....	3
Main Power Connection.....	4
DMX Connection.....	4
Output Connection	5
Display Settings.....	6
DMX Profile.....	8
Size And Weight.....	9
Cleaning.....	10
Installation.....	10
Parts.....	10
Warranty.....	11
Customer Service.....	12



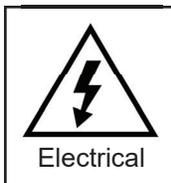
Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire



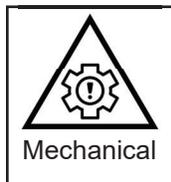
1. Maintain a minimum of 2 foot distance from any type of flame.
2. Fixture is designed for outdoor use.
3. Do not install the unit too close to a heat source.
4. Make sure cables are properly secured.
5. Maximum surface operating temperature: 130°.

Protection Against Electrical Fire



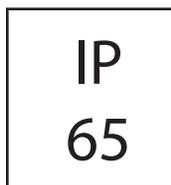
1. Disconnect power before servicing.
2. For connection to main power supply, proceed to page 4.
3. The power supply must be earthed (electronically grounded).
4. This fixture must not be left on for long periods of time.

Protection Against Mechanical Hazards



1. Use secondary safety attachment when hanging unit.
2. Use quality clamps or bolts when positioning unit.
3. Do not open unit while it is on. Risk of electrical shock.

Ingress Protection



The IP rating is commonly expressed as IP (Ingress Protection) is followed by 2 numbers (i.e. 65) where the numbers define the fixture rating. The first number indicates the size of a particle that can enter the fixture.. The second number indicates the extent of protection against water entering the fixture. An IP65 rating in this fixture indicates that dust particles can not enter the fixture. And there is protection against water spray from entering the fixture from any direction.

What is Included

- 1pc Tetra Driver 4 fixture
- 1pc Seetronics SAC3FX IP Connection to Nema 5-15 Connection Cable
- 1pc User Manual

Specifications

Part Numbers

Fixture

5071 - Tetra Driver 4

Mechanical Specifications

Housing:	Aluminum Extrusion
Display:	Digital
IP Rating:	IP65
Fastening System:	M10 Clamp Mount Thread, Mounting Holes, Accessory DIN Rail Mounts
DMX Connection:	5 Pin XLR In and Out
Wireless DMX Connection:	Lumen Radio Wireless DMX Connection Receiver
Output Connection:	4 X 5 Pin XLR output
Power Connection:	Seetronics SAC3FX IP rated Connection (nema 5-15 cable included)

Electrical Specifications

Output Ports:	4
Power Per Port:	96W
Drive Method:	Constant Voltage
Power Consumption:	3.29Amps 384 Watts
Power Supply:	Electronic: Mean Well UHP-500-24
Output:	24Vdc
Working Ambient Temp:	24°f - 148°f
Cooling:	Internal Fan
Refresh:	4,000Hz
Power Input:	90-264V AC 50/60Hz

Control & Programming

Protocol:	DMX 512
DMX 5 Modes:	1 Channel Mode Dimmer 2 Channel Mode Warm White, Cool White 3 Channel Mode R,G,B 4 Channel Mode R,G,B, W 7 Channel Mode Dimmer, R,G,B, W, Strobe, Macro
Operating Mode:	17 Pre Programs Manual Settings Via Display

Main Power Connection

Caution!

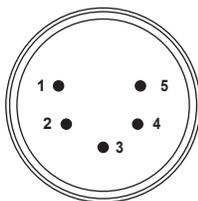
1. Do not connect to a dimmer system.
2. Connection points must not be exposed to moisture or liquids. Use appropriate connections rated for outdoor use
3. This unit has auto switching power supply. It will respond to 90-264V AC 50/60hz automatically
4. Replace Fuse with specific type and rating.
5. This unit must be earthed. (electronically grounded)

Cable USA	Cable EU	110V	220V
Black	Brown	Live	Live
White	Light Blue	Neutral	Live
Green	Yellow / Green	Ground	Ground

DMX-512 Connection

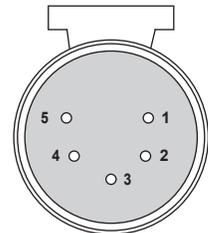
The fixture is equipped with 5 pin XLR Sockets for DMX input and output connection. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 5 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX - Input



1.Shield (Grd)
2. Signal (-)
3. Signal (+)
N/A
N/A

DMX - Output

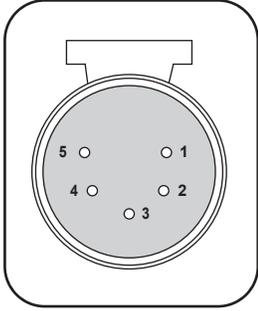


Caution!

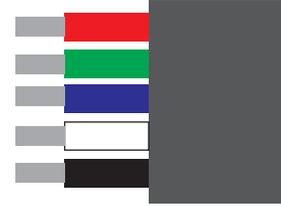
On the last fixture the DMX signal needs to be terminated with a terminator. Pre-manufactured terminator are available for purchase from your Mega-Lite dealer item #P-DMX-T.

Output Connection

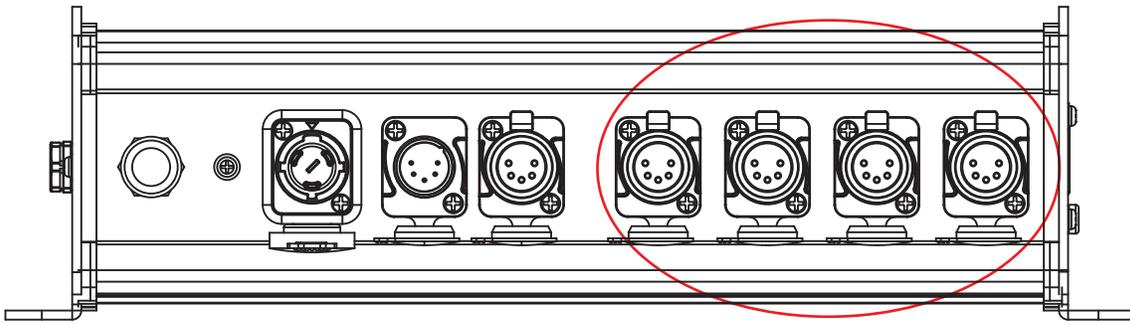
When using the Tetra Driver 4 with Light Pipe Fixtures the following cable configuration must be followed. Use 5 Pin XLR connectors with 5 conductor cable. (do not use cable shield jacket as a conductor) Cable must be a minimum of 20 AWG thickness.



XLR Position	Drive Connection	Cable Color
Position 1	Red	Red
Position 2	Green	Green
Position 3	Blue	Blue
Position 4	White	White
Position 5	Voltage +	Black

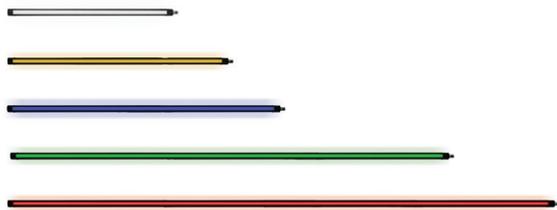


Max Power Link Configuration



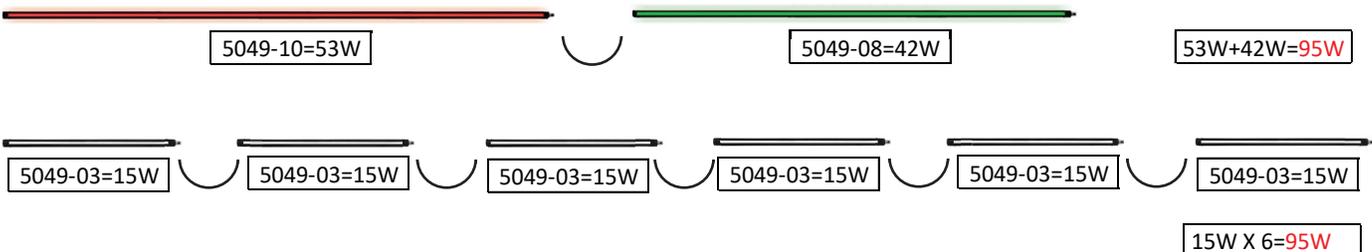
LIGHT PIPE
(Example)

Each Tetra Driver 4 Port can connect up to 96W of power. Do not connect more than 96W or there will be voltage drop or driver failure



Item Number	Size	Max Watts
5049-03	3ft	15W
5049-04	4ft	20W
5049-05	5ft	25W
5049-08	8ft	42W
5049-10	10ft	53W

Additional fixtures can be connected together using the Input and Output connections on the fixture. Must not exceed 96W per port (examples below).



Display Settings

Mega Lite
Tetra Drive 4

● ● ● ●
Menu Enter Up Down

DMX

DMX Address

DMX Port
04

Press Enter to select the output Port use the **Up/Down** to select from 01 to 04.

P04 Mode
(07)

Press **Enter** to select the Channel Mode use the **Up/Down** to select from Options below

1CH	Single Color Fixture
2CH	Variable White Color Fixture
3CH	3 Color Fixture Red, Green, Blue
4Ch	4 Color Fixture Red, Green, Blue, White
7Ch	4 Color Fixture Dimmer, Red, Green, Blue, White, Strobe, Macro

P04 Mode
(07)

Press **Enter** to select the DMX Start Channel use the **Up/Down** to select output port DMX Start Channel. (Note if you want multiple outputs ports operating the same way just use the same Mode and Start Channel for every port you want to work the same

WDMX Set

Wireless DMX

This Function allows you to connect DMX signal to the fixture using a wireless DMX Connection. A Wireless Lumen Radio Transmitter is required for this function to operate.

Power
(Off)

Power
(On)

Press Enter and use the Up/Down buttons to engage or disengage this function

Unlock
(Yes)

Unlock
(No)

Press Enter and Use the Up/Down buttons to open communications Mode. Yes to open No to leave closed. Function Button on the Wireless Transmitter must be set to engage for communication to be sent

W-DMX
Status

Displays Status of the Wireless DMX connection Status. Display should read (Linked) for proper Wireless Connection.

W-DMX
Power Off

Linking
Waiting

W-DMX
No Link

W-DMX
Linked

Auto

Auto Programs

This Function allows you to play back preprogrammed looks.

Mode

Mode
(17)

Press **Enter** and use the Up/Down buttons to engage pre stored programs (1 -17).

Color
(01-39)

Strobe
(00-99)

Mode 1 will allow you to select from 39 different stored colors. Press **Enter** to adjust function from 00-99

Speed
(01-100)

Strobe
(00-99)

Mode 2-17 will allow you to select a pre program. Press **Enter** to adjust strobe function from 00 to 99.

Manual

Manual Mode

This Function allows you to adjust the intensity of the led via display.

Red
(000-255)

Press **Enter** and Use the **Up/Down** buttons to select the desired intensity from 001-255

Green
(000-255)

For Single Color fixtures use Red Only
For Variable White fixtures use Red and Blue with same values
For R,G,B fixtures use Red, Green, Blue
For R,G,B,W fixtures use Red, Green, Blue White

Blue
(000-255)

White
(000-255)

Settings

Setting Options

This Function allows you to adjust preference settings

Dimmer Speed
(Fast or Smooth)

Press **Enter** and Use the **Up/Down** buttons to select dimmer settings of Fast or Smooth dimming speeds

DMX Fail
(Hold or Off)

Press **Enter** and Use the **Up/Down** buttons to select Hold for the last DMX Command or Off to turn off the LED's in case the DMX Signal is lost.

Factory Reset

Factory Reset

This Function allows you to revert all display settings back to the original factory setting

Reset
(No or Yes)

Revert back to original factory setting

DMX Profile

Tetra Driver 4 1 Ch Mode

DMX Ch	Function	Description	Value	Init
1	Dimmer	LED Intensity	0-255	255

Tetra Driver 4 2 Ch Mode

DMX Ch	Function	Description	Value	Init
1	LED Color	Warm White LED Intensity	0-255	255
2	LED Color	Cool White LED Intensity	0-255	255

Tetra Driver 4 3 Ch Mode

DMX Ch	Function	Description	Value	Init
1	LED Color	Red LED Intensity	0-255	255
2	LED Color	Green LED Intensity	0-255	255
3	LED Color	Blue LED Intensity	0-255	255

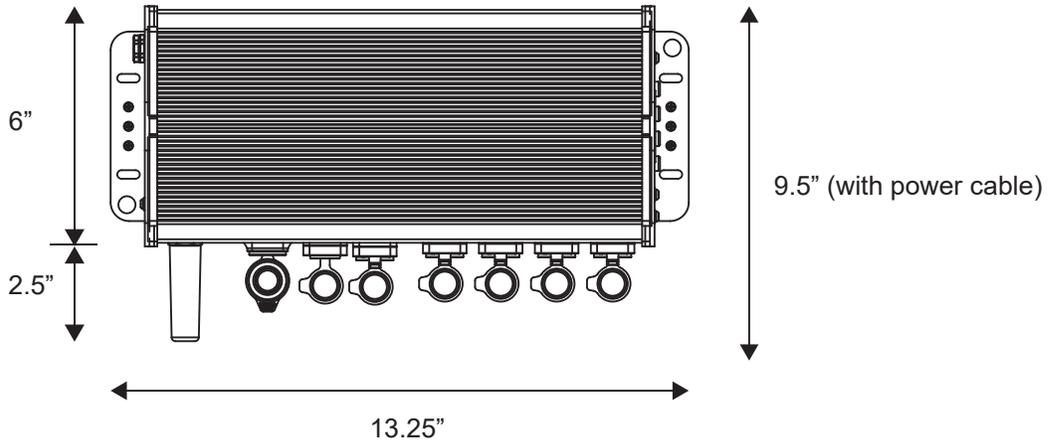
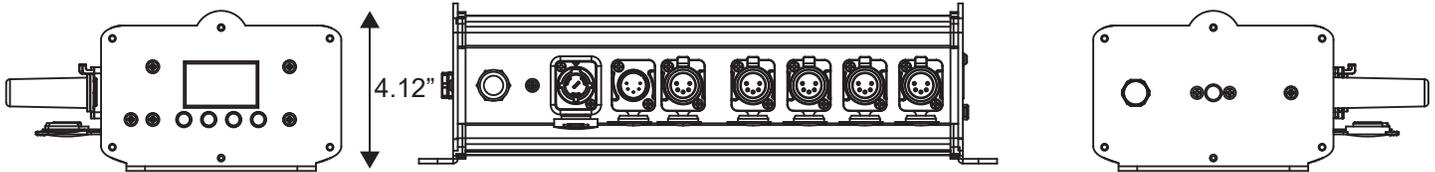
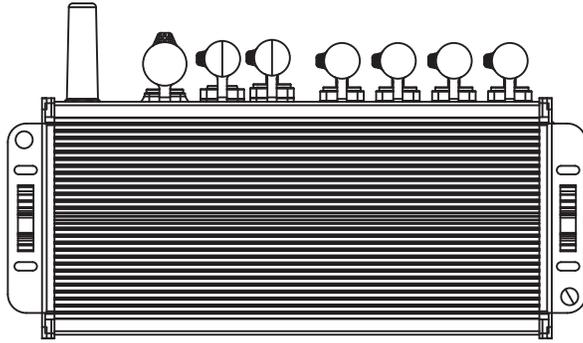
Tetra Driver 4 4 Ch Mode

DMX Ch	Function	Description	Value	Init
1	LED Color	Red LED Intensity (all outputs)	0-255	255
2	LED Color	Green LED Intensity (all outputs)	0-255	255
3	LED Color	Blue LED Intensity (all outputs)	0-255	255
4	LED Color	White LED Intensity (all outputs)	0-255	255

Tetra Driver 4 7 Ch Mode

DMX Ch	Function	Description	Value	Init
1	Dimmer	Dimmer 0 to 100	0-255	255
2	LED Color	Red LED Intensity (all outputs)	0-255	255
3	LED Color	Green LED Intensity (all outputs)	0-255	255
4	LED Color	Blue LED Intensity (all outputs)	0-255	255
5	LED Color	White LED Intensity (all outputs)	0-255	255
6	Strobe	No Function	0-1	0
		Strobe (slow to fast)	2-127	
		Random Strobe (slow to fast)	128-255	
7	Macro	No Function	0-1	0
		Color Fade (slow to fast)	2-127	
		Color Chase (slow to fast)	128-255	

Size and Weight



Fixture Size:	13.25" X 9.5" X 4.12"
Fixture Weight:	8.8lb
Packaged Size:	14.75" X 12" X 6.75"
Packaged Weight:	9.8lb

Installation

Caution!

1. The Installation must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures, if you have doubts concerning the safety do not install.
3. Unit is to be 24 inches away from flammable materials.
4. Use high quality installation equipment to hang the unit.

When rigging the it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working weight loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secure with a secondary safety attachment. The installation location of the fixture has got to be built in the way that it can hold 10 times the weight for 1 hour with out any failures. Installation should be checked at least one time a year by a skilled professional.

Cleaning and Maintenance

Installation Maintenance- The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every year.

The following points must be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.
- 4) Fixture housing must only be cleaned from the outside using only soap and water.

Note: Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: When possible, only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers or trained professionals only.

Should you have further questions, please contact your dealer.

Parts & Accessories

5060-DIN (DIn Rail Mount)



5067-POW	MEAN WELL POWER SUPPLY UHP-500-24
5067-PCB-DRI	Driver PCB card
5067-PCB-DIS	DISPLAY PCB
5067-PCB-WIR	LUMEN RADIO WIRELESS PCB
5067-FAN	FAN
5060-DIN	DIN RAIL MOUNTS
5067-ANT	IP RATED ANTENA
5067-HOU-SID	SIDE HOUSING
5067-HOU	CENTRE EXTRUSION HOUSING
5067-SEA	DISPLAY RUBBER SEAL

GENERAL TERMS AND CONDITIONS

1. All resellers must have approved and signed Reseller Application on file including their respective state tax information and W-9. Applications are re-evaluated on a fiscal calendar year basis to assure business integrity and tax status.
2. Cash, check, cashiers check, ACH, wire transfer, MasterCard, Visa, Discover and American Express are accepted forms of payment.
3. Past due invoices will be charged 1.5% per month finance charge. Uncollected invoices are subject to be turned over to collection.
4. The reseller will pay all reasonable expenses incurred in the course of collections.
5. The proper venue for litigation will be Bexar County, Texas.
6. Returned checks will be charged a \$50.00 fee.
7. All prices are in U.S. Dollars.
8. All prices and specifications are subject to change without notice, sales order confirmations are emailed and will reflect correct pricing.
9. All terms are insured, monitored, analyzed and approved by Coface USA. Changes in credit line and approved terms can change without notice. Company authorization of credit is based on Coface approvals. Any conflicts or disagreements should be referred to:
650 College Rd. East Suite 2005 Princeton, NJ 08540. 1-609-469-0400. E-mail: cofaceusa@coface.com
10. Returns are subject to 25% restocking charge plus any necessary charges for repair or re-packaging.

SHIPPING TERMS AND CONDITIONS

1. All orders are EXW San Antonio, TX (EXW means that a buyer/reseller incurs the risks for bringing the goods to their final destination). Any deviation needs to be done in writing.
2. UPS ground shipping is the preferred shipping method. Requests for specific carriers may require use of the customer's account number and may incur an additional charge for handling.
3. Drop shipments are subject to all return charges at reseller's expense. Drop shipments are not allowed outside of the territorial United States.
4. No C.O.D. shipments allowed.
5. Returned and undelivered shipment charges are the buyer/reseller's responsibility and will be billed to the buyer/reseller.
6. The freight carrier and company shipping@mega.lighting should be notified upon receipt of damaged freight, discrepancies or non-conformities within 24 hours. Company can assist in making claims with carriers or agents in the event of any loss or damage.

WARRANTY AND SERVICE PROCEDURES

1. All returns require an RMA# (Return Merchandise Authorization number) before returning goods for any reason. For a service or warranty RMA, please email service@mega.lighting or call 210-684-2600. For sales or demo returns, please contact sales@mega.lighting.
2. Case will be created and an RMA notice will be emailed. All units received must have the RMA # included with the unit as well as on the shipping label.
3. All shipping charges are the responsibility of the customer: MEGA Systems, Inc., Service, 18668 HWY 16 N, Helotes, TX 78023.

WARRANTY FOR PRODUCTS PURCHASED BEFORE 2021

Unless otherwise stated in writing, product is covered by a **one year parts and labor** limited warranty and is subject to same limitation listed under the limited warranty exclusions listed below.

WARRANTY FOR PRODUCTS PURCHASED AFTER JANUARY 1, 2021

MEGA SYSTEMS INC ("MSI") hereby warrants to the original purchaser/owner ("Customer"), MSI products to be free of manufacturing defects in material and workmanship, for the warranty periods as defined below from the original purchase invoice date. This warranty applies exclusively to new MSI branded and/or distributed products listed below, purchased from an MSI AUTHORIZED dealer/reseller. This warranty is not transferable and may or may not apply to products sold and/or forwarded outside the United States. Please contact MSI for applicable regional product warranty information. The purchase of MSI product constitutes the Customer's acceptance of all warranty terms and conditions as listed in this limited warranty statement. This warranty provides the Customer with legal rights which may vary from state to state. Please contact MSI regarding warranty questions prior to purchasing.

Product / Series	Warranty Period	Coverage
BATTERY POWERED LED	Six month battery one year all other components	1, 2
MOVING LED, HAZERS	One year	2
OUTDOOR IP RATED LED	Two Year	3
HOUSE LIGHT LED, DECORATIVE LED, COMPACT LED, iCANDY LED, THEATRICAL LED, STROBE WASH LED, FOLLOW SPOT LED, PRODUCTION & HOUSE OF WORSHIP CONTROL, ARCHITECTURAL CONTROL, THEATRICAL CONTROL, DANCE VENUE & MOBILE DJ CONTROL, DIRECT VIEW LED DISPLAYS, AND MV CONTROLLERS	Three Year	4

1. Battery, 183 days six months 2. Parts and Labor, 365 days one year 3. Parts and Labor, 730 days two year 4. Parts and Labor, 1095 days three year

This limited warranty excludes any defects caused by, resulting from or relating to the following:

- Normal wear and tear of lamps, color media, brushes, contact rings, lamp sockets, belts and other parts prone to wear and tear.
- Misuse, abuse, improper handling, accident, alteration or attempts to repair by or on behalf of the owner or any person not authorized by MSI.
- Damage to the product resulting from acts of God, including, but not limited to, earthquakes, hurricanes, tornados, lightning and other natural disasters, fire, explosion, flood, riots, civil disorder or any other cause beyond the reasonable control of MSI.
- Exposure to harsh or excessively corrosive environmental conditions (whether indoors or outdoors), including, but not limited to, extreme temperatures, humidity, atmospheric conditions (including salinity or pressure), radiation (UV, infrared or nuclear), shock and conditions which exceed the product's Ingress Protection ("IP") rating.
- Use of the product in a manner which exceeds the applicable product specification, including, but not limited to, exposure to excessive, insufficient or other voltage conditions.
- Installation or use of the product not in accordance with the technical documentation, MSI guidelines (as may be posted on its website at www.megasystemsinc.com from time to time or otherwise designated by MSI or its brands) or applicable building and electrical codes, regulations and standards.
- Failure to maintain the product in accordance with the technical documentation.
- Natural degradation and color shift of the LED source over the course of normal product use.
- Slight deviations in the specified values of intensity and color that do not affect the functionality of the product.
- Use of the product not for its intended purpose.

All warranty claims are evaluated under the terms of this limited warranty. If a product falls within the warranty period and if, upon examination by MSI it is found to have failed for a covered cause, MSI will, at its sole discretion, repair or replace the defective part or product or reimburse the purchaser a pro-rated portion of the purchase price based on the percentage of the warranty period still remaining as of the date that the returned product was received by MSI. Should a replacement part or product be discontinued or unavailable, MSI reserves the right, in its sole and absolute discretion, to substitute a comparable replacement part or product for the defective part or product. MSI warranty obligation hereunder is limited solely to the repair or replacement of or reimbursement for the particular parts or products determined by MSI to have failed for a covered cause within the warranty period. In no event shall MSI be responsible to replace or reimburse purchaser for any products or portions of a system that MSI determines has not failed for a covered cause within the warranty period, even if such other products or portions of a system are used together with products being repaired or replaced by MSI under this warranty and the repaired product differs in brightness, colors or any other attribute after the repair.

Costs of removal, shipping to MSI or its authorized representative and reinstallation are solely the responsibility of the purchaser. If MSI determines that the product is covered by this limited warranty, it will only pay for parts and labor as indicated by product type. If MSI determines that the product is not covered by this limited warranty, the purchaser will have the option of paying for the repair (if the product can be repaired) and the purchaser shall be responsible for the cost of shipping the repaired product back to the purchaser. MSI reserves the right, in its sole and absolute discretion, to decline any repair.

IN NO EVENT SHALL MEGA SYSTEMS, INC. BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE LOSS OR DAMAGE OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUES, LOSS OF USE OF THE PRODUCT OR ANY OTHER GOODS OR ASSOCIATED EQUIPMENT, DAMAGE TO ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTE PRODUCTS, FACILITIES OR SERVICES, DOWNTIME COST, INSTALLATION OR LABOR COSTS, OR CLAIMS OF THE PURCHASER'S CUSTOMERS, WHETHER BASED ON WARRANTY, CONTRACT OR NEGLIGENCE, ARISING IN CONNECTION WITH THE SALE, USE OR REPAIR OF THE PRODUCT. MEGA SYSTEMS INC'S MAXIMUM LIABILITY SHALL NOT, IN ANY CASE, EXCEED THE PURCHASE PRICE OF THE PRODUCT THAT GIVES RISE TO THE CLAIM.

EXCEPT FOR THE LIMITED WARRANTY SET FORTH HEREIN, ALL PRODUCTS SOLD BY MEGA SYSTEMS, INC. ARE SOLD "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE EXPRESSLY AND SPECIFICALLY DISCLAIMED BY MEGA SYSTEMS, INC.

Customer Support

MEGA Lite has a customer support line to provide set-up help and to answer any questions should you encounter a problem. Please visit our website for any other related technical documents. For service related issues, please contact our service dept.

Monday - Friday 9am to 6pm CST
(210) 684-2600
service@mega.lighting

Manual Version

Please visit www.mega.lighting for the most up-to-date manual version.

Manual Version	Date	Fixture Software	Notes
1.0	08/29/2023	V1.1	



MEGA-LITE
18668 Highway 16N
Helotes, TX 78023
Phone (210)684-2600 / Fax (210)855-6279
www.mega.lighting / info@mega.lighting