MEGA LITE

COLOR PAC 150 DMX

USER MANUAL

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Check that the unit has not been damaged during transport

⚠️

**Read all cautions and warnings
prior to operation of this
equipment**

Protection Against Fire

Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit to close to a heat source.
5. Make sure cable are properly secured
6. Maximum surface operating temperature 140º.

Protection Against Electrical Fire

Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)
4. Do not leave fixture on for long periods of time.
5. Do not expose unit to rain or moisture

Protection Against Mechanical Hazards

Mechanical

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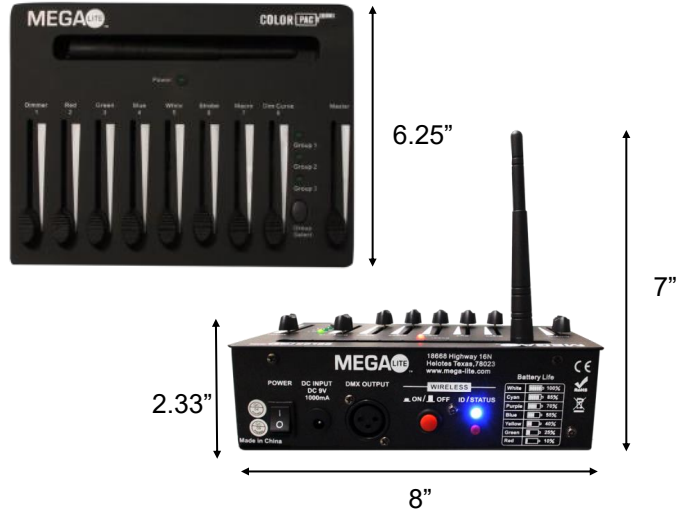3. Do not open unit while it is on, risk of electrical shock.

Technical Information

Part Numbers

7316– Color PAC 150 DMX

Mechanical Specifications

DMX Wireless:	W-DMX and 3 pin XLR
Thermal:	Maximum ambient temperature 104° Maximum surface temperature 140°
Fastening System:	Tear drop mounting
Power connection:	DC Connection 9V 100mA
Battery Type:	2 18650 3.7V 2200mA

Fixture	Packaged
Size: 8" x 6.25" x 2.33" Weight: 2.5 lb	Size: 7.9" X 7.9" X 3.7" Weight: 2.7 lb

6.25"

7"

2.33"

8"

Electrical Specifications

Power Charged indicator:	1 9 color indicator
Ballast:	External Power Supply
Power Input Voltage:	110V-240 50/60 Hz
Channels:	Operate upto 7 units in the same location
Power Consumption	Watts: 2 Amps: .04
Radio Frequency Used:	2.40-2.48G Automatic Select 126 Channel using frequency hopping technology-AFHSS
Frequency Agile:	Adaptive
Broadcast Power:	20dB MAX
Protocol:	DMX 512
Compliant:	This device is compliant with part 15 of the FCC rules

Battery Life

Average Battery Life:

With Wireless **On**:   With Wireless **Off**:

12 Hr   20 Hr

Battery Cycle Life: 500 Recharges

* Average expected LED life per LED manufacture
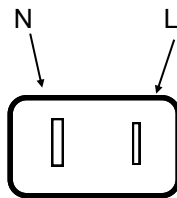
Main Power Connection

> Caution!
> 1.	Do not connect fixture to a dimmer system.
> 2.	This unit has Auto switching power supply. It will respond to 110V or 220V automatically
> 3.	This unit must be earthed. (electronically grounded)
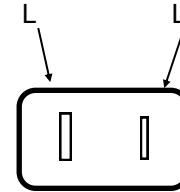
The occupation of the connection-cable is as follows:

This fixture is equipped with an electronic power supply that will let the unit operate from 90V to 240V from 50Hz to

Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚

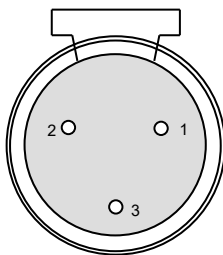| 110V Connection	N L

220V Connection	L L

DMX-512 Connection

The fixture is equipped with 3 pin XLR Cable mount for DMX output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—output

1. Shield
2. Signal (-)
3. Signal (+)

Wireless DMX Setup

To Connect to a fixture using wireless DMX.
1. Power On the Color PAC DMX and the wireless function in the rear of the unit.
2. Make sure fixtures you are wanting to connect via wireless DMX have the receive function on.
3. Press the red button ID/status button. The blue led will begin to flash after device has stopped locating all open receivers it will go back to solid blue led.
4. Make sure all fixtures are address to the correct DMX Start channel.
       Group 1 Start Channel 001
       Group 2 Start Channel 009
       Group 3 Start Channel 017
5. Color PAC DMX can control a maximum 24 Channel's

Rigging the fixture

Caution!
1. The installations 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 24inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working 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 secured 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 harming. Installation should be checked at least one time a year by a skilled person.

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 have to 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.

Note: There is no serviceable parts inside the device. Maintenance and service operations are to be carried out by authorized dealers.

Parts List

7316-KN	Fader Knob
7316-MPCB	Main PCB card
7316-PS	Power Supply
7316-BAT	Replacement Battery (single)
7316-WPCB	Wireless PCB
7316-DC	DC Connection
7316-ANT	Antenna

Warranty Information

Warranty Conditions
-Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.

-LEDs are not guaranteed to match in color temperature or output.

-It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

-Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice.

-Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment.

-Repair or replacement as provided for under this warranty is the exclusive remedy of the consumer. MEGA SYSTEMS INC. makes no warranties, express or implied, with respect to any product, and Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profit, sustained or incurred in connection with any product or caused by product defect or the partial or total failure of any product regardless of the form of action, weather in contract, tort (including negligence), strict liability or otherwise, and weather or not such damage was foreseen or unforeseen.

- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Customer Support

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

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