HIGH POWER LED WALL WASHER LIGHT

USER MANUAL

CONTENTS

Unpacking: Thank you for purchasing our products. Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, Save the carton and all packing materials. In the event a fixture must be returned to the factory. It is important that the fixture be returned in the original factory box and packing.

Introduction: The unit is a DMX intelligent LED par can. This light can be used in a standalone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This light has four operating modes: Sound Active mode, stand alone mode, Master/Slave and DMX control mode.

AC Power: This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 90V and 240V AC. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit. Even if the rheostat or dimmer channel is used solely for a 0-100% switch.

Safety Instructions:

> Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product?

• To reduce the risk of electrical shock or fire, do not expose this unit
  rain or moisture
• Do not spill water or other liquids into or on to your unit.
• Be sure that the local power outlet match that of the required volt-
  age for your unit.
• Do not attempt to operate this unit if the power cord has   been
  frayed or broken. Do not attempt to remove or break off the ground
  prong from the electrical cord. This prong is used to reduce the risk
  of electrical shock and fire in case of an internal short.
• Disconnect from main power before making any type of connection.
• Do not remove the cover under any conditions. There are no users
  serviceable parts inside.
• Never operate this unit when its cover is removed.
• Never plug this unit in to a dimmer pack
•Always be sure to mount this unit in an area that will allow proper

ventilation. Allow about 6" (15cm) between this device and a wall.

• Do not attempt to operate this unit, if it becomes damaged.
• This unit is intended for indoor use only, use of this product out`
  doors void all warranties.
• During long periods of non-use, disconnect the unit's main power.
• Always mount this unit in safe and stable matter.
• Power-supply cords should be routed so that they are not likely to be walked on or pinched by
  items placed upon or against them, paying particular attention to the point they exit from the unit.
• Cleaning -The fixture should be cleaned only as recommended by
  the manufacturer. See page 3 for cleaning details.
• Heat -The appliance should be situated away from heat sources
  such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce
  heat.
• The fixture should be serviced by qualified service personnel when:
  A. The power-supply cord or the plug has been damaged.
  B. Objects have fallen, or liquid has been spilled into the appliance.
  C. The appliance has been exposed to rain or water.
  D. The appliance does not appear to operate normally or exhibits a   marked
     change in performance.

Warning! 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;
doing so will void your manufacturer's warranty. In the unlikely event your unit may require
service please contact us.

Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses
must be carried out periodically to optimize light output.
1. Use normal glass cleaner and a soft cloth to wipe down the
   outside casing.
2. Clean the external optics with glass cleaner and a soft cloth
   every 20 days.
3. Always be sure to dry all parts completely before plugging
   the unit back in.
Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog
residue, dust, dew).

LED WALL WASHER LIGHT   Features

•LED Long Wall Washer Light (1M)
Input voltage: 90-245V AC 50-60Hz
Fuse: 3A
Max Power Consumption: 50W
Lamp: 30 pcs 1W High brightness LEDs
Life Time: >100,000 hours life

Color: RGB three colors

Bean Angle: 15--45 degree

Control: through external Standard DMX-512, 7-34 control channels.

Function: strobe, linear dimmer, color pulse, color cycle, color run, color selection

Size: 100×100×1050mm

N.W:3.5kgs

G.W.: 3.7kgs

Packaging: 1070*330*220mm (6pcs/CTN)

LED WALL WASHER LIGHT   Set Up

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.
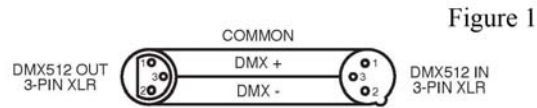

Figure 1

Figure 2

Figure 3

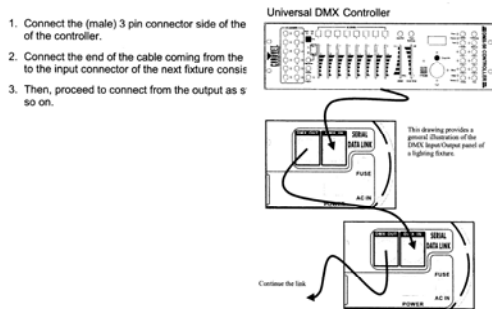| XLR Pin Configuration |
| --- |
| Pin 1 = Ground |
| Pin 2 = Data Compliment(negative) |
| Pin 3 = Data True(positive) |

3-Pin to 5-Pin Conversion Chart:

Note!   If you use a controller with a 5 pin DMX output connector, you will need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

3-Pin to 5-Pin Conversion

Conductor	3 Pin Female(Output)	5 Pin Male(Input)
Ground/Shield	Pin 1	Pin 1
Data(-) signal	Pin 2	Pin 2
Data(+) signal	Pin 3	Pin 3
Not Used		Do not use
Not Used		Do not use

Setting up a DMX Serial Data Link:

1. Connect the (male) 3 pin connector side of the
   of the controller.

2. Connect the end of the cable coming from the
   to the input connector of the next fixture consis

3. Then, proceed to connect from the output as s
   so on.

Master/Slave Fixture Linking:

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

Operating Modes:

You can use the unit in either a standalone mode or a master/slave configuration; there are 4 modes to choose from:

• Program Mode - Choose a static color, color show, color fade show, or color cycle. The speed of the show is adjustable. You can also have the unit strobe in this mode.

• Master/Slave Mode- Using the Master unit chooses your desired mode or program and connects

   the "Slave" unit or units, All slaves will now follow the "Master" unit. But only one master.

• DMX control mode - This function will allow you to control each
 individual fixtures traits with a standard DMX 512 controller

C00: seven color jump to change

P00: seven color gradual change

S00: Selective Color

E00: seven color Movements

001:512 control

THE SPEED OF ABOVE CAN CONTROL, FOR EXAMPLE, CC00-CC99.

2, DIAGRAM I

1		2

DMX CHANNEL SUMMY

Channel 1: Dimmer

Channel 2: Strobe

Channel 3: Function

Function description/values

0-40:7 Channel Model

41-80:34 Channels

81-120:7 color cycle (non-fade)

121-160:7 color cycle (gradual fade between colors)

161-200: 7 color Chase

201-255:7 color cycle through all preprogrammed shows

Channel 4: Speed Function

Channel 5: Red

Channel 6: Green

Channel 7: Blue