PULSE

Par 64 COB 100W - RGBW Lantern DMX

Model: PLS00567

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

- When using electrical appliances basic safety precautions should always be followed.
- Check the product before use for any damage. Should you notice any damage on the cable or casing, do not use.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the product to the power supply.
- Keep this product away from rain and moisture.
- Caution: Never look directly into the light source.
- Always disconnect from power when the product is not in use or before cleaning.
- Do not operate or store in an environment of high humidity or where moisture may enter the product as this can reduce insulation and lead to electric shock.

Safety Information for Installation and Operation

- When installing, make sure that the product is not exposed to extreme heat, moisture or dust.
- If you're using a smoke machine, make sure that the product is never exposed to the direct smoke jet and is installed at least 1.5' away.
- The ambient temperature must always be between 23°F and 113°F. Keep away from air-conditioning units and heaters.
- The relative humidity must not exceed 50% with an ambient temperature of 113°F.
- This product must only be operated in an altitude between -65' and 6560' above sea level.
- The minimum distance between the light-output and the illuminated surface must be more than 1.5'.
- This product is allowed to be installed via a mounting bracket. In order to have sufficient ventilation, leave 20" of free space around the device.
- The housing must not touch any surrounding surfaces or objects.
- Operate the product only after having familiarized yourself with its functions. Do not allow operation by persons unqualified.
- A secondary means of suspension must be provided, such that in the event of a failure of the primary suspension, no part of the luminaire can fall.
- The operator must make sure that safety related matters are observed and that the installation is approved by a qualified installer before taking into operation for the first time.

CONNECTION CABLES

Cable	Pin	International
Brown	Live	L
Blue	Neutral	N
Yellow/green	Ground	⏚

- DMX-512 connection / connection between fixture.
- 3-pin XLR plugs connect the controller with the fixture or one fixture with another. Screened twisted pair cable should be used.

DMX Input		DMX Output	
XLR mounting - socket XLR		XLR mounting - socket	
	1. Ground		1. Ground
	2. Signal (-)		2. Signal (-)
	3. Signal (+)		3. Signal (+)

BUILDING A SERIAL DMX CHAIN

- Note: the DMX-output of the first fixture in the DMX chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.
- Maximum recommended serial data link distance: 1640ft
- Caution: At the last fixture, the DMX-cable has to be terminated with the terminator. Solder a 200Ω resistor between Signal (-) and Signal (+) into a 3-pin XLR plug and plug it into the DMX output of the last fixture.

DMX MASTER-SLAVE MODE

- If you are using a controller with this fixture, you can connect the DMX-output of the controller directly with the DMX-input of the first fixture in the DMX chain. If you wish to connect a DMX-controller using other XLR socket types you need to use an adapter cable.

DMX CONTROLLER MODE

- Other LED lights operating as slaves will work synchronously when connected in a chain using DMX cables.

DMX MODE

4 Channel Mode (d001)

Channel	Function	Instruction
CH1	R dimmer	Dimmer - dark to bright
CH2	G dimmer	Dimmer - dark to bright
CH3	B dimmer	Dimmer - dark to bright
CH4	W dimmer	Dimmer - dark to bright

8 Channel Mode (A001)

Channel	Function	Instruction
CH1	Total dimmer	RGBW total dimmer - dark to bright
CH2	R dimmer	Red dimmer - dark to bright
CH3	G dimmer	Green dimmer - dark to bright
CH4	B dimmer	Blue dimmer - dark to bright
CH5	W dimmer	White dimmer - dark to bright
CH6	Total strobe	RGBW total flash strobe - slow to fast
CH7	Function choice	000~050: CH1-CH6 control 051~100: Different colors output 101~150: Colors jump change 151~200: Colors gradate 201~250: Colors pulse change 251~255: Sound-active
CH8	Function/speed	Slow to fast (at the colors output choose the color)

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◎ MENU   ◎ UP   ◎ DOWN   ◎ ENTER

Digital Show Function Form				
No.	Show	Function	Range	Instruction
1	*d001*	DMX controller address	001~512	4CH mode, UP, DOWN increase or reduce the value
2	*A001*	DMX controller address	001~512	8CH mode, UP, DOWN increase or reduce the value
3	*r255*	Red dim	000~255	UP, DOWN change brightness
4	*G255*	Green dim	000~255	UP, DOWN change brightness
5	*b255*	Blue dim	000~255	UP, DOWN change brightness
6	*u255*	White dim	000~255	UP, DOWN change brightness
7	*F255*	Strobe	000~255	UP, DOWN change the speed
9	*CC 15*	Colors jump	00~15	UP, DOWN change the speed
10	*DE 15*	Colors gradate	00~15	UP, DOWN change the speed
11	*CP 15*	Colors pulse	00~15	UP, DOWN change the speed
12	*SoUd*	Colors sound-active	/	Sound-active

• Use the **MENU** button to cycle through the functions above.
• Use the **UP** and **DOWN** buttons to set the values for the brightness/speed of the lights. Or in DMX controller mode, use **UP** and **DOWN** to give the light an address.
• Use the **ENTER** button to save the changes.

CLEANING & MAINTENANCE

• Disconnect from power before starting the maintenance operation.

• Frequent cleaning is recommended. Use a soft lint-free moistened cloth.
• Do not use any chemicals, abrasives or solvents that could damage the device.
• There are no user-serviceable parts in this product. Refer all servicing to qualified personnel.

SPECIFICATIONS

Voltage	AC 90-240V 50-60Hz
Power	100W
LED source	COB dimmable 0-100%
Beam angle	45 degrees
DMX modes	4/8 channel
Operational Modes	DMX, manual, master-slave, voice control, self propelled
Color Mixing	RGBW/monochrome
Working environment	50°F - 104°F
Dimensions	9.4" x 7.9" x 10.2"
Weight	6.6 lbs.