

P64 User Manual



Introduction

Unpacking: Thank you for purchasing the LED PAR. Every P64 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, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting.

Introduction: The LED PAR is a DMX intelligent LED par light. This par light is light weight and compact which makes it a great piece for mobile DJ's and clubs.

Warning! To prevent or reduce the risk of electrical shock or fire, Please Properly connected and the use of.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer. PLEASE recycle the shipping carton whenever possible.

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Features

- Multi-Colors
- Colot Strobe
- DMX-512protocol
- Operating Modes:DMX, M/S, Auto, Manual color output, Sound Active
- 1-20 flashes/sec strobe effect
- Control Channels:3CH/6CH;
- Master/Slave synchronization
- Electronic Dimming 0-100%
- LED operation menu With function buttons
- Daisy Chain Units Together in DMX Mode
- can generate 20000 gray change

Safety Precautions

- Be sure that the local power outlet match that of the required voltage 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 user serviceable parts inside.
- Never operate this unit when it's 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.
- 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 “Cleaning”for 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 power-supply cord or the plug has been damaged.
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance
- Grounded using yellow/green line
- The ambient temperature must always be under +35°C

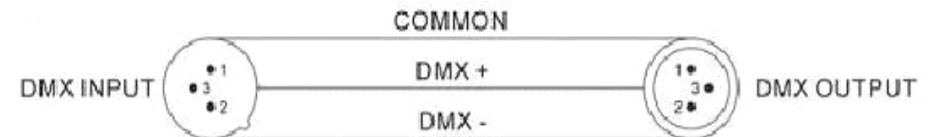
Set Up

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your LED PAR. The LED PAR is workable in 100-240V/50~60Hz. Device power cascade up to 60PCs/AC220V (or 30PCs/AC110V).

Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

DMX Linking: To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

1. If you use a controller with 5 pins DMX output, you have to use a 5 to 3 pin adapter-cable.
2. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into a 3-pin XLR-plug and plug it in the DMX-output of the last unit.



Termination reduces signal errors and to avoid signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 ohm 1/4W) between pin2(DMX-) and pin3(DMX+) of the last fixture.

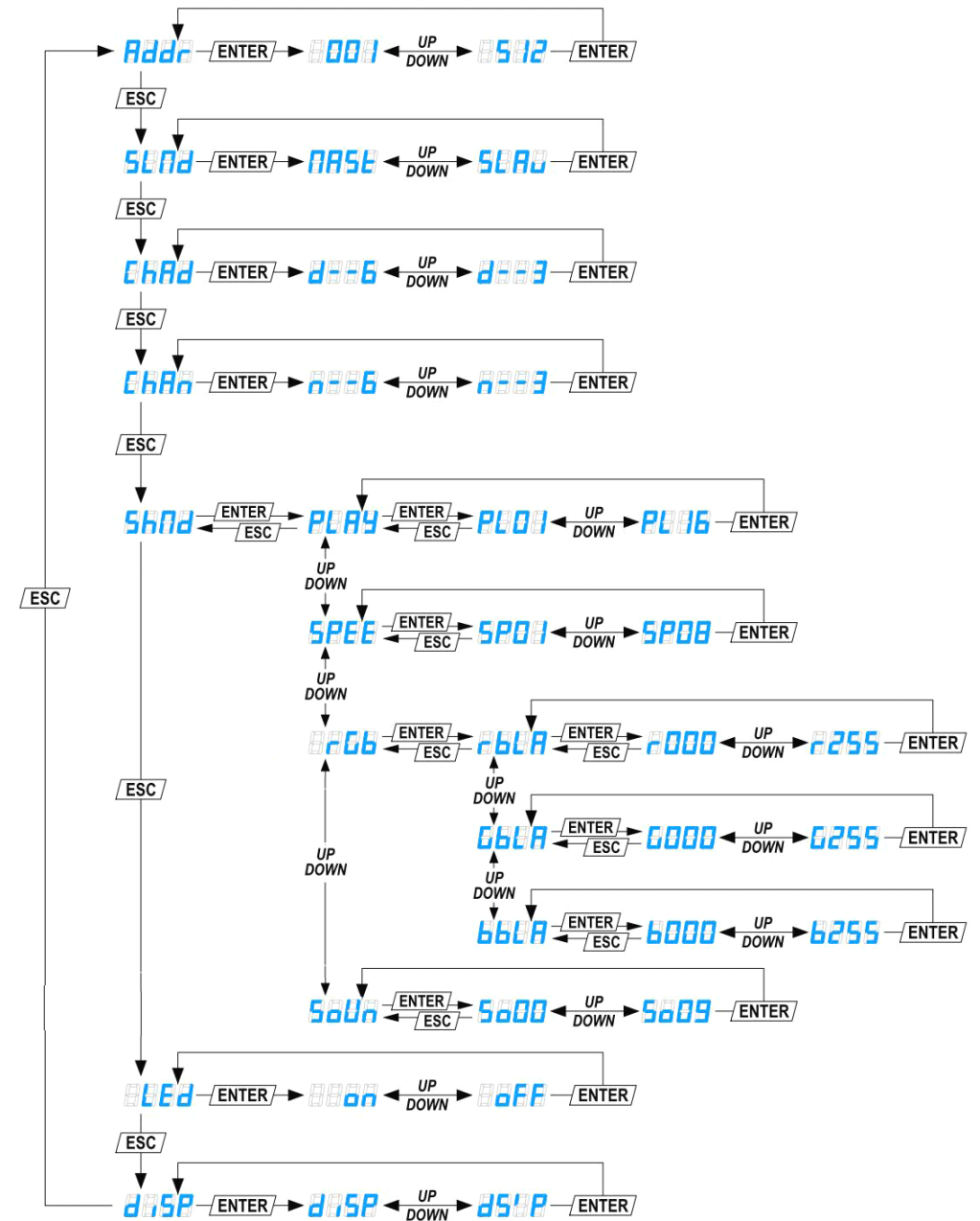


Operation Menu:





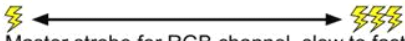









After initialization, the unit is ready for setting and working. Please see the following table for setting information.

Main-menu	Sub-manu	Value	Functions
<i>Addr</i>	-	<i>001-512</i>	To set DMX starting address
<i>SLNd</i>	<i>MASt</i>	-	To set as master unit
	<i>SLAv</i>	-	To set as slave unit
<i>ChAd</i>	<i>d--6</i>	-	To set the "delay-fade effect of 6ch"
	<i>d--3</i>	-	To set the "delay-fade effect of 3ch"
<i>ChAn</i>	<i>YES</i>	-	To set the "delay-fade effect for 3ch and 6ch"
	<i>no</i>	-	To set the "non delay-fade effect for 3ch and 6ch"
<i>ShNd</i>	<i>PLAY</i>	<i>PL01</i>	Red
		<i>PL02</i>	Green
		<i>PL03</i>	Blue
		<i>PL04</i>	Red + Green
		<i>PL05</i>	Red + Blue
		<i>PL06</i>	Green + Blue
		<i>PL07</i>	Full ON
		<i>PL08</i>	Red strobe
		<i>PL09</i>	Green strobe
		<i>PL10</i>	Blue strobe
		<i>PL11</i>	Red + Green strobe
		<i>PL12</i>	Red + Blue strobe
		<i>PL13</i>	Green + blue strobe
		<i>PL14</i>	Full ON strobe
		<i>PL15</i>	RGB color changing
		<i>PL16</i>	7 color changing
		<i>SPEE</i>	<i>SPO1-SPO8</i>
	<i>rgb</i>	<i>rblA</i>	<i>r000→r255</i> manual color output (0% →100%)
		<i>gblA</i>	<i>g000→g255</i> manual color output (0% →100%)
		<i>bblA</i>	<i>b000→b255</i> manual color output (0% →100%)
	<i>SoUn</i>	<i>So00-So09</i>	Sound Active sensitivity settings
<i>LEd</i>	<i>on</i>	-	To set always show display.
	<i>off</i>	-	To set the display off when idling for 45 seconds.
<i>dISP</i>	-	-	Enter to set the words in the display up side down.

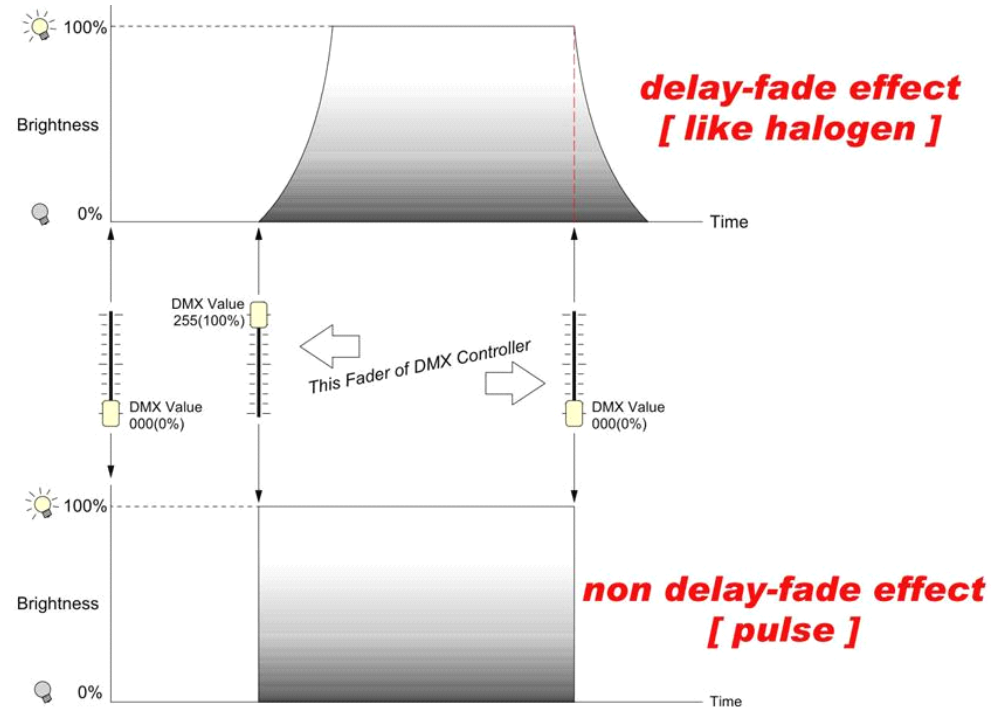
Menu Operation Flow Chart



DMX Values and Functions

6ch MODE		
Channel	Value	Function
1	0 - 255	 Master dimmer for RGB channels, 0 - 100%
2	0 - 255	 Red dimmer, 0 - 100%
3	0 - 255	 Green dimmer, 0 - 100%
4	0 - 255	 Blue dimmer, 0 - 100%
5	0 - 15 16 - 255	No function  Master strobe for RGB channel, slow to fast
6	0 - 16 17 - 32 33 - 47 48 - 63 64 - 79 80 - 95 96 - 111 112 - 127 128 - 191 192 - 255	No function  Red  Green  Blue  Green + Blue (Cyan)  Red + Blue (Magenta)  Red + Green (Yellow)  Red + Green + Blue (White)  7 color jumping change, slow to fast  RGB gradual change, slow to fast

3ch MODE		
Channel	Value	Function
1	0 - 255	 Red dimmer, 0 - 100%
2	0 - 255	 Green dimmer, 0 - 100%
3	0 - 255	 Blue dimmer, 0 - 100%



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. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust).

Specifications:

Working Position: Any safe working position

Voltage: AC 100-240V /50~60Hz

Power Consumption: 25W

Colors: RGB Color Mixing

LED: F10 LED *181PCs (R=59; G=61; B=61)

Gross Weight: 2.5Kgs

Measurement: 255(L) x 255(W) x 370(H) mm

Note: All information is subject to change without prior notice.