

DMX Values and Functions

Channel	Value	Function
4	0~31	No function
	32~63	Open RGB
	64~129	Strobe
	130~191	Slow color change
	192~223	Sound mode
	224~255	White light
5	0~255	Speed
1	0~255	Red dimmer
2	0~255	Green dimmer
3	0~255	Blue dimmer

DMX Address

To controll the unit via DMX signal, each DMX product need to have their own address. All this series LED PAR-Cans, can be controlled by 5 DMX channels, and can be addressed at the back-side of the unit through the 10-button dip switch. First step is always to select dip switch no. 10. This is the DMX mode and also the first (starting) address. As you can see in below figure each dip switch has his own digital number. Since dip switch number 10 is address number 1 any other address will be the address number minus 1. For example address number 2 needs the digital value 2-1= 1.

Address number 3 is 3-1= 2. Address number 10 is 10-1=9. To get address 9 you need to select dip switches 1 and 4. Please keep in mind in all cases dip switch number 10 must always be selected.



Product Specification

The stage lighting LED PAR-64 is a RGB colour mixing unit with 181 peaces of 10mm LED: 49 peaces RED, 72 peaces GREEN and 60peaces BLUE. The LED PAR-64 is available in 90V/60Hz and 260V/50Hz. With a power consumption of 12Watt and a LED lifetime rated between 80,000 and 100,000 hrs it's a revolutionairy tool which suites in many applications. The unit comes complete with 130cm power cable including Schuko plug.



LED PAR64 USING MANUAL

Unpacking

Thank you for purchasing the PAR-LED production. Every LED PAR-64 has been well tested and has been shipped in perfect operating condition. When receiving our products carefully check the shipping carton for damage that might have happened during transport. In case of damage inspect the fixture for any damage or missing accessories necessary to operate. If parts are missing or fixture has been damaged please contact the distributor.

Introduction

The LED PAR-64 Pro is part of a wider range DMX intelligent LED PAR CANS. This LED PAR-64 Pro is compact and light weight and very easy to use. Ideal for any rental job or installation. The unit can be controlled by any DMX controller or in stand alone mode.

Caution!

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 distributor

Warning!

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or any moisture.

Please read this user manual carefully to familiarize yourself with the basic operations of this unit.

Safety precautions

- Do not expose this unit to rain or other moisture
- Before plugging to power be sure the local power outlet matches with the required voltage of the unit
- Do not remove the cover under any circumstances in case your not qualified to do so.
- Never connect to power when cover is removed.
- Never use this unit if it becomes damaged.
- Never connect this unit to any kind of dimmer- and/or power-pack.
- If the unit will not be used for a long time, disconnect it from power supply.
- Always mount this unit safe and stable, and make sure the area will have proper ventilation. Take care this unit will not mounted in areas close to heat sources such as lighting fixtures, amplifiers, heat registers, stoves and radiators.
- Always contact us in case you have any doubts.

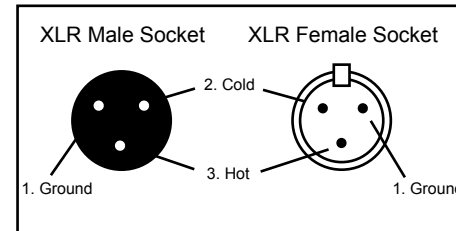
General instructions

First Familiarize yourself with the basic operation principals of this unit by reading the attached user manual carefully. These instructions contain important safety information regarding the use and maintenance of this unit.

Set up

- Before plugging this unit to power make sure the voltage in you area matches the required voltage for the LED PAR-64 Pro. All PAR-LED production unites are available in 90/260V and 50/60Hz. Please always make sure this unit voltages matches your area outlet voltage before attempting to operate the unit.
- There are 2 ways to control PAR-LED production. The first option is by 'stand alone' function, and probably the most used option by an external controller via DMX. DMX (Digital MultipleX) is the standard language allowing communication between controller and all kind of DMX products from different manufacturers. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example it does not matter if the last selected address is in the beginning or in the middle of a DMX line, the controller always will recognize the fixture by his address.
- In case of controlling your unit via DMX, be sure to use standard 2 conductor shielded cable which can be purchased at goldbright lighting stores.

XLR Wiring



XLR Pin Configuration

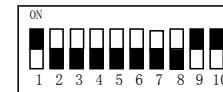
Pin 1 = Ground

Pin 2 = Data Compliment(negative)

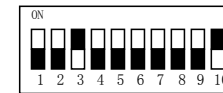
Pin 3 = Data True (positive)

Stand Alone Mode

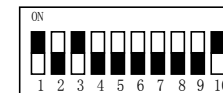
Below all dip switch setting for stand alone use (without controller)



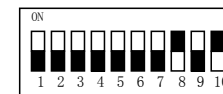
Sound



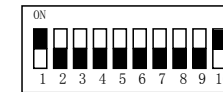
Blue



Pink



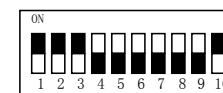
Color gradual change



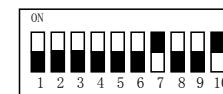
Red



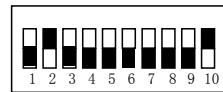
Cambridge blue



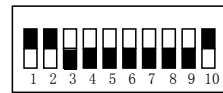
White



Strobe

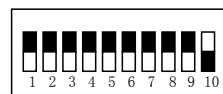


Green



Yello

Press 7 and 10 will be strobe, add 1-6 adjust the speed
Press 8 and 10 will be color gradual change
add 1-7 adjust the speed



DMX Mode

ON