

LEDP38 AND LEDP38RSD



Operating Manual

Thank you for purchasing the LEDP38 RGB colour mixing LED Par. This unit has great output and has been designed for use in Nights Clubs, Stage, Truss warmers and much more. This unit is controlled via DMX 512 allowing the user to control it with other existing DMX lights.

Connection

This unit is connected using standard XLR 3 pin cable. To connect the signal cable(XLR), plug one side into “ IN” socket in the back of light and other side into “ OUT” signal connector in the DMX512 board, (signal input: **1=>Ground**, **2=>data-**, **3=>data+**). Power supply for this unit is 120V – 220V switch able.

This unit requires 15W (.13amp) power which allows the user to connect up 100 units on one 15amp circuit.

Function

This unit has several operation modes, Stand Alone, Master Slave and DMX.

Stand Alone Mode :7 colour change/7 colour strobe/7 colour Automatic changing /7 colour automatic fade in and fade out / sound colour changing.

Master Slave Mode – All units will perform the same function. One unit is set as the master and others are set as the slave and will perform all the functions of the master unit giving the units a pre programmed look. The units must be connected to each other via XLR cables.

DMX 512 Mode: In this mode each unit will be set to a DMX value and controlled by using a DMX controller.

Note

This unit has been designed for Indoor use. Operating temperature: -20—45°C, humidity: 0%—90%

Function

Stand Alone (Dip switch as below) ● means “on” status。◎ means “OFF”status

function		№1	№2	№3	№4	№5	№6	№7	№8	№9	№10
1	red	●	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	green	◎	●	◎	◎	◎	◎	◎	◎	◎	◎
3	blue	◎	◎	●	◎	◎	◎	◎	◎	◎	◎
4	strobe	Speed 1	Speed 2	Speed 3	Speed 4	●	Red:off/on	Green: off/on	Blue: off/on	◎	◎

function		No1	No2	No3	No4	No5	No6	No7	No8	No9	No10
5	fade in and fade out	Speed 1	Speed 2	Speed 3	Speed 4	○	●	○	○	○	○
6	Auto.	Speed 1	Speed 2	Speed 3	Speed 4	○	○	●	○	○	○
7	Sound activated strobe	○	○	○	○	○	○	○	○	●	○
8	Sound activated color change	●	○	○	○	○	○	○	○	●	○

Remarks: Dip switch 1. 2. 3 "on" will run 7 colour, Dip switch 7, 8 "on" will adjust the music sensitivity via potentiometer knob. Speed 1 means slowest , Speed 4 means fastest.

Master and slave (dip switch as below):

Master light: dip switch same as Stand Alone Mode, all slave lights: Dip Switch NO.1 and NO.10 "ON", NO2-NO9 to " OFF" status

DMX-512 Mode

Dip Switch "10" to " ON" to receive DMX signal, 1-9 are selectable code, refer below:

● means " on" status

No1	No2	No3	No4	No5	No6	No7	No8	No9	No10
1	2	4	8	16	32	64	128	256	●

Channel Assignment

This light has 4 DMX512 channels, please reference the below function channels:

Ch1: function selecting:

0-127 dimmer (Ch2-Ch4 dimmer valid)

128-250 strobe (Ch2-Ch4 dimmer valid)

251-255 LIGHT ON(Ch2-Ch4 valid)

CH2: 0-255 all Red dimmer

CH3: 0-255 all Green dimmer

Ch4: 0-255 all Blue dimmer

Specification

1. Input power:AC100~240V/50-60Hz
2. Total power: 15W
3. 10mmLEDs: 90pcs (red / 30pcs, blue / 30pcs, green / 30pcs) (Angle:30°)
4. House size: 18×17.5×17.5cm
5. Net/weight: 0.8Kg
6. Gross/weight: 1.3Kg
7. Shipping size: (6pcs/master carton): 57×27×39cm
8. Gross/weight: 8Kg

