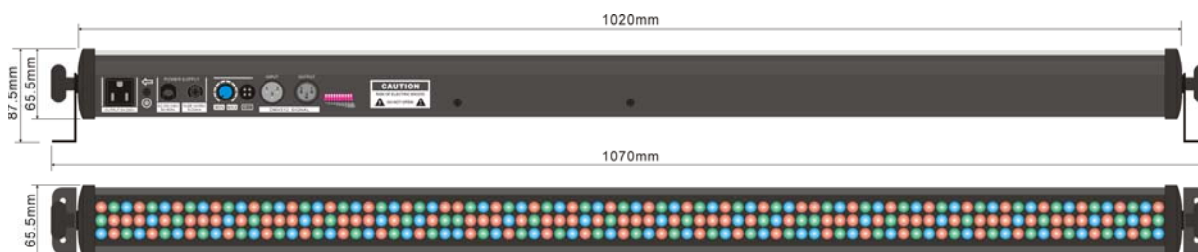


LEDBAR



Operating Manual

Thank you for purchasing the LEDBAR RGB colour mixing LED Par. This unit has great output and has been designed for use in Nights Clubs, Stage Lighting and Up Lighting 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 50W (.42amp) power which allows the user to connect up to 30 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	◎	◎	●	◎	◎	◎	◎	◎	◎	◎



function		№1	№2	№3	№4	№5	№6	№7	№8	№9	№10
4	strobe	Speed 1	Speed 2	Speed 3	Speed 4	●	Red: off/on	Green: off/on	Blue: off/on	○	○
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 colours, 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

№1	№2	№3	№4	№5	№6	№7	№8	№9	№10
1	2	4	8	16	32	64	128	256	●

Channel Assignment

Ch1: function selecting:

0-10 dimmer (Ch2-Ch13 dimmer valid)

11-51 strobe (Ch2-Ch13 dimmer valid)

52-91 light in and light out (Ch2 -Ch13 no valid)

92-131 auto color change (Ch2-Ch13 no valid)

132-147 chase1, 148-164 chase2, 165-181 chase3,182-198 chase4, 199-215 chase5, 216-232 chase6, 233-255 chase1- chase6.

CH2: 0-255 all Red dimmer, **CH3:** 0-255 all Green dimmer, **Ch4:** 0-255 all Blue dimmer

Ch5-Ch13: 0-255 are the adjustable brightness from segment 1 to segment3 in red, green and blue color,

Specification

1. Input power:AC100~240V/50-60Hz
2. Total power: 50W
3. 10mmLEDs: 252pcs (red / 108pcs, blue / 72pcs, green / 72pcs) (Angle:30°)
4. Unit Size: 107×6.5×8.5cm
5. Net/weight: 2.3K

