

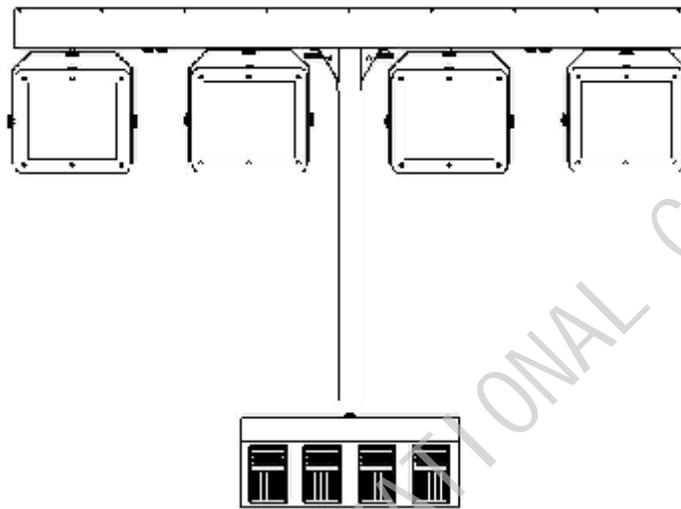
LEDBAR-4

USER MANUAL

INTRODUCTION

LEDBAR-4 is LED light system which consists of 4 spot lights, one control bar, one stand and one foot switch box. We will provide two bags: For bar system and stander. It is convenient for mobile use.

Please read this manual before you attempt to use this professional lighting system.



SAFETY INSTRUCTIONS

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initial start-up.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The condensation water might damage your device. Leave the device switched off until it had reached room temperature. Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution! Make sure that the available voltage is not higher than stated on the rear panel. During the operation, the housing becomes very hot. Do not switch the device on and off in short intervals as this would reduce the lamp's life. Never look directly into the light source, as sensitive persons may suffer an epileptic shock (especially meant for epileptics)!

Keep away from children and amateurs! This product is designed for indoor use only. This device is designed for professional use, e.g. on stages, in discotheques, theatres etc. The minimum distance between light-output and the illuminated surface must be more than 0.5 meters. Always fix the fixture with an appropriate safety-rope. The maximum ambient temperature $t_a = 45^\circ \text{C}$ must never be exceeded. Operate the device only after having become familiar with its functions.

Features

Operation modes: DMX 512 protocol, auto and master/slave operating in various modes to form different led effects.

Installation

On the rear panel of the item you can find an XLR-jack (DMX Out) and an XLR-plug (DMX In), which can be used for connecting several devices. Choose the device which is master to control the effects. Connect the DMX OUT-jack with the DMX IN-plug of the next device.

DMX-512 connection / connection between fixtures

The wires must not come into contact with each other, otherwise

Occupation of the XLR-connection:

If you are using controllers with this occupation, 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 DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

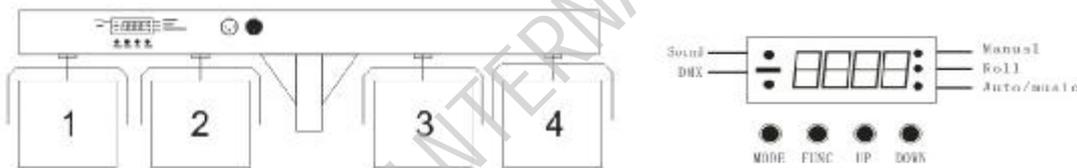
Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (-) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.

OPERATION



Setting the operation mode

Press the MODE button to select an operating mode: DMX, Sound, Manual, Roll, Auto/Music.

This unit work in stand alone mode unless in DMX mode. It will be a master unit. If you make a DMX chain connect to another units which will be slave units and they will work same with master one

Sound Operation

Press the MODE button to select Sound Mode. Under this point of the menu, the display shows So01, Use the UP or DOWN button to choose between So01 to So09 which means there are 9 sound patterns.

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Manual - Manual RGB Setting

Under this point of the menu, you can set the RGB-values manually. In Manual Mode, the Manual LED indicator lights up.

Press the MODE-button to select Manual Mode. The display shows (CH1-12) or (AL-R)(AL-G)(AL-B). Press the FUNC-button to choose the desired mode. Use the UP and DOWN buttons to set values between 000 and 255.

Roll - Selecting Internal Programs

Under this point of the menu, you can select between four internal programs and can set the speed. In Roll Mode, the Roll LED indicator lights up.

Press the MODE-button to select Roll Mode. The display shows the program ROL-1 or ROL-2 or ROL-3 or ROL-4 an. Use the UP and DOWN buttons to choose between ROL-1 to ROL-4.

Press the FUNC -button. The display shows SP:xx. Use the UP and DOWN buttons to set speed values.

Auto - Selecting Internal Programs

Under this point of the menu, you can select between six internal programs and can set the program speed as well as the fade time. In Auto Mode, the Auto LED indicator lights up.

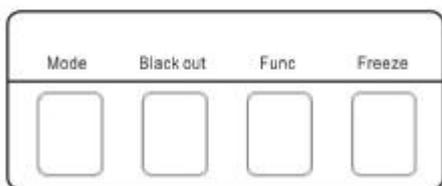
Press the MODE-button to select Auto Mode. The display shows the program P-xx. Use the UP and DOWN buttons to to choose between P-1 to P-6.

Press the FUNC-button. The display shows SP:xx. Use the UP and DOWN buttons to set speed values.

Press the FUNC-button again: The display shows L—S . Use the UP and DOWN button to set L—S or L—A.

Press the FUNC-button again, the display shows FD:XX, Use UP and DOWN buttons to set fade time values from 00 to full.

FOOT SWITCH CONTROL



Footswitch

You can use foot switch to select MODE, BLACK OUT and FUNC in up functions.

When you push FREEZE switch the light will freeze at present situation. After you push again the light will continue changing according to the program.

DMX-Controlled Operation

Press the MODE button to select DMX Mode. Under this point of the menu, you can select between six DMX modes. In DMX Mode, the DMX LED indicator lights up.

You can control the devices individually via your DMX-controller. Each DMX-channel has a different occupation with different features.

Set up DMX address

In DMX Mode the display shows "A001". Set the desired address via the UP/DOWN buttons. The „-“ in front of the „Axxx“ flashes as soon as data is received.

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Choosing Functions and Parameters

Press the FUNC button to select the desired DMX Mode.

The desired parameter values can be selected with the UP or DOWN buttons.

DMX MODE	DESCRIPTION
D:P1	12 channel-occupation
D:P2	14 channel-occupation
D:P3	8 channel-occupation
D:P4	3 channel-occupation
D:P5	1 channel-occupation
D:P6	5 channel-occupation

Note: To change from one DMX Mode to another, it is recommended to switch the device off and then on again.

DMX-Protocol

D:P1: 12 Channel-Occupation

D:P1	Red	Green	Blue
	Channel	Channel	Channel
Spot 1	1	2	3
Spot 2	4	5	6
Spot 3	7	8	9
Spot 4	10	11	12

D:P2: 14 Channel-Occupation

D:P2	Red	Green	Blue
	Channel	Channel	Channel
Spot 1	1	2	3
Spot 2	4	5	6
Spot 3	7	8	9
Spot 4	10	11	12

Channel 13 : Brightness

Channel 14: Fade Time

D:-P3: 8 Channel-Occupation

D:-P3	Color Choice	Brightness
	Channel	Channel
Spot 1	1	2
Spot 2	3	4
Spot 3	5	6
Spot 4	7	8

D:-P4: 3 Channel-Occupation

Channel	DMX-Value	Description
1	00 - 16	Black out
	17 - 255	6 internal programs
2	0 - 255	Speed
3	0 - 255	Fade time

D:-P5: 1 Channel-Occupation

Channel	DMX- Value	Description
1	0 - 255	Brightness

D:-P6: 5 Channel-Occupation

Channel	DMX- Value	Description
1	0 - 255	Red
2	0 - 255	Green
3	0 - 255	Blue
4	0 - 255	Brightness
5	0 - 255	Fade time

TECHNICAL SPECIFICATIONS

Power supply: 220-240V AC 50/60 Hz

Equipped with ϕ 10mmLEDs: 224xred, 224xblue, 224xgreen 100,000 hours of led life.

DMX-control-channels: 12/14/8/3/1/5

DMX-512-connection: 3-pin XLR

Stand height: 1100~2300MM.

Dimensions: 1300*400*150MM. Weight:11.4kgs

Foot switch size: 380*155*40MM. Weight: 1.3kgs.

Please note: All specifications are subject to change without prior notice.