



User manual



Arana LED

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1. Safety instructions



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature below 41°F /5°C, or exceeding 95°F /35°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

If any troubles arise, remove the power plug soon, and contact an engineer for repairing.

Do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug.

When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Unpacking

Please control carefully if the carton has suffered any damage. If this is the case, inform the transport company immediately to ensure the guarantee. Make sure before usage the device does not show any signs of damage and there is no danger for life and limb. If any parts are missing or there are signs of damage inform your seller. In this case do not put the device into operation.

3. Introduction

Arana LED is an 11 channel DMX controllable LED effect.

The device can be operated in two different ways, either by a DMX controller or via Master-Slave mode. Best results can be achieved by using fog machines or the like for visualizing the beams.

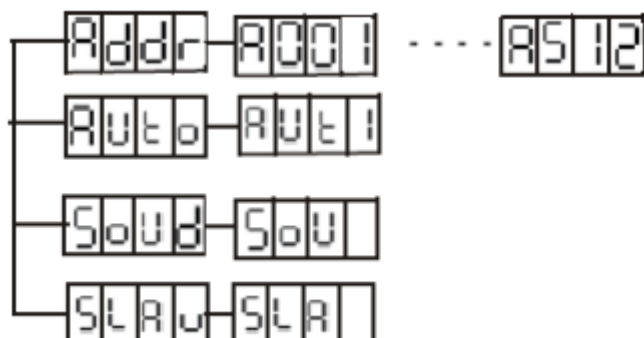
3.1. Pros

- Color strobe effect
- LED and Motor chaser (with variable speed)
- DMX 512 control
- 3 operating modes: Auto, Sound To Light, Master-Slave
- High quality stepper motors
- Linkable with 3 pin XLR cables
- LED display with 4 buttons
- Mounting bracket included
- Very low heat generation and power consumption
- Can be used continuously due to very good fans

4. Operating

4.1. Menu

Arana LED has a simple menu which will be explained in the following. Please read this chapter carefully.



Addr **DMX address entry**

Press the Mode button until you see Addr on the display. Then press the ENTER button to confirm the DMX address as well as the DMX mode. Now Axxx will be displayed, whereas x stands for a figure of the address. Then you can set the desired address with the UP/DOWN buttons. Press the Enter button again to activate the DMX mode.

Auto **In this menu the Auto mode can be chosen**

Press the Mode button until Auto is displayed. Confirm with Enter, then you will see Aut1 on the display. Press the ENTER button again to activate the Auto mode.

Sound **In this menu the Sound mode can be chosen**

Press the Mode button until SoUd is displayed. Confirm with Enter, then you will see SoU on the display. Press the ENTER button again to activate the Sound mode.

SLAu **In this menu the Master/Slave mode can be chosen**

You can use the Master/Slave mode to rum several items together. Press the Node button until SLAu is displayed. Confirm with Enter, then you will see SLA on the display . Press the ENTER button again to activate the Master/Slave mode.

5. DMX Mode

In this function you can operate the device with a standard DMX controller.

Arana LED needs 11 DMX channels.

5.1. Channel table

Channel	Value	Control
CH1	0 – 255	Motor 1 / 0 – 57 steps
CH2	0 – 255	Motor 2 / 0 – 57 steps
CH3	0 – 255	Motor 3 / 0 – 57 steps
CH4	0 – 255	Motor 4 / 0 – 57 steps
CH5	0 – 255	Motor 5 / 0 – 57 steps
CH6	0 – 255	Motor 6 / 0 – 57 steps
CH7	0 – 255	Motor 7 / 0 – 57 steps
CH8	0 – 255	Motor 8 / 0 – 57 steps
CH9	0 – 255	Motor speed
CH10	0 – 255	LED Mode 1-25
CH11	0 – 255	Speed program

6. Technical Data

Description		Tri color LED effect with 8 scanner heads
Light source		120 LEDs (40 x red, 32 x green, 48 x blue)
DMX channels		11
Voltage		120V/60Hz or 230V/50Hz
Power consumption		60W
Measurements		544 x 496 x 175 (mm)
Weight		10kg

Attention! There can be changes of the design and the manual without prior notice.

All data without guarantee!

Subject to modifications!

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