

scandLIGHT

Scandlight Mini DMX Controller User's manual

936724



I 、 Preface

Thank you for using our controller. For your safety, please read the User' s Manual carefully before your operation.

Note: This Manual includes the important information of installation、 operation、 safety instruction. Please install and operate as requested in the Manual, meanwhile, please keep the manual for any unexpected requirement.

This Manual includes the important information of installation and operation. Please install and operate the controller according to the instructions strictly. And it must be power off when open the controller or before repair.

A: Please read the complete contents of this manual (please keep this manual attach with the controller for any preview)

B: In order to make sure the correct and safety installation、 operation and maintenance, well know and follow to the instructions of Manual is necessary.

C: We will not take any responsibility to the controller damage、 property loss or body injure which caused by the incorrect installation、 operation and maintenance.

NOTICE: The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

1. Packing Content

(accessories)

1: Power supply (1PCS)

2: User' s manual (1PCS)

3: Maintenance Card (1PCS)

2. Unpacking Instruction:

Please check if all the contents are completed after unpacking? then, check if the controller is undamaged? Please you can keep the original package and return to the factory if it's damaged

3. AC Power: Check whether the voltage is in accordance with the rated power.

4. Safety Specifications: All the safety items of operation(includes installation)and before operating.

4. Safety Specifications: All the safety items of operation(includes installation)and before operating.

(1) Unpacking the carton and take out all the accessories, and open the poly package, take out the controller from the carton, and put it in a certain platform for operation.

(2) The controller must keep dry and avoid to use under the Moist、Overheat or Dusty surroundings. And keep it far away from the water or other liquid.

(3) The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.

(4) Please check if the voltage is in accordance with the rated power before installing.

Notice: Please make sure it's power off before any installation、repair and clean!

II 、 Introduction

1. Features:

This console is portable、Mini、easy、, Application fields: Small performance, outdoor party, Project、lighting testing and maintaining.

2. Technical Features:

- (1) **Channels: DMX 512 channels**
- (2) **Display: LED Panel**
- (3) **Appearance: Use the streamline design**
- (4) **Working environment: Indoor -20℃～40℃**
- (5) **Protection rating:IP20**

III 、 Technology Parameter

- 1. **Power supply: DC12V Input (External electronic Transformer AC100—240V), built-in 9V rechargeable battery, maximum 8 hours working by full recharged battery. (close LED display mode).**
- 2. **Power consumption: 1.2W (max), when the LED panel is off, the power is 0.5W (min)**
- 3. **Digital signal: DMX512/1990**
- 4. **Interface: RS485**
- 5. **Connector: XLR-D3F (attached wire)**
- 6. **Features: LED panel displays working state, 8 channel faders. Maximum control 512CH and save 30 Scenes when work with page menu and buttons (the value of 1 step)**
- 7. **Dimension: 170.5 x 85.5 x 36mm**
- 8. **N. w : 0.33Kg**
G. w : 0.45Kg

IV、Installation

1 .Installation

First, put the controller on the desk, and connect the controller with the light through the signal cable.

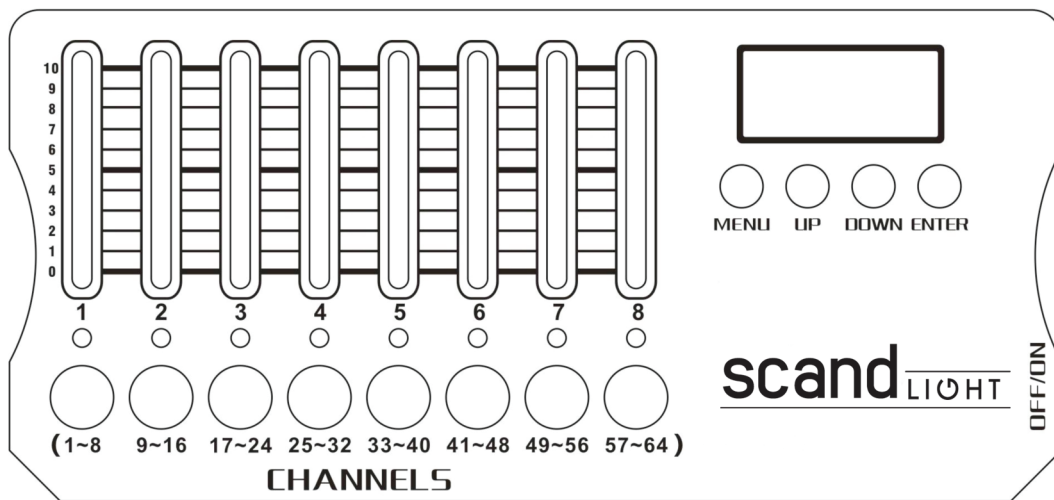
2. Connection of power and wire

The exclusive power cable should be used between the connection of controller and power, and please confirm if the rated voltage and frequency is in accordance with the power supply.

Parameter of Input Voltage and Frequency:

Voltage	AC220-240V /	Frequency	50Hz/60Hz
---------	--------------	-----------	-----------

V、Operation



1、DMX Dimming Control

a) When Display “**PA-1**”, means 1st page, it’s available to control 64 channels for each page,8 pages in total

$$64*8=512 \text{ CH;}$$

if you choose “**PA-3**”, namely the controllable channels of fader are: 129—192 CH ($3*64=192$)

b) Press the button which under the fader, and select the channel which you want to control, when press the button, the corresponding indicator will ON, means valid, each button corresponds to 8 channels

When selected the button, corresponding 8 channels will record the dimmer value of fader.

When you didn’t select the button and move the fader, the previous dimming value will not be changed.

2、(calling program or programming) save dimming value

Press button “MENU” to switch menu, display “**C-xx**”

a) Calling program

If display “**C-oF**” means DMX fader control mode, you can't program at this moment;

If display “**C-01**” means select the dimming value of Scene 1, Controller will transfer the previous saved 512 dimming value to be DMX signal and send to device which was controlled.

When calling the saved dimming value, the 8 indicators which under 8 faders will move back and forth, 8 faders don't work under this mode.

b) Programming

When display from “**C-01**” to “**C-30**”, press on button “ENTER”, then press button “UP” or “DOWN” to enter programming. At this moment it will automatically enter to the menu selection, when displaying “**PA.-1.**” a dot which on the LED panel will flash.

When entered into programming state, you can adjust the channel value according to above instructions, then press button “ENTER” to save, when displaying “**SAVE**” that means saved successfully, and automatically

enter into “**C-xx**” to run the data just saved.

Note: you can save only when a point in LED panel is flashing.

512 channel dimming value has been saved

3、Display the channel value of fader

When displaying “**PA-1**”, Press button “MENU” 3 times, it will display the value of channel.

In this menu, the first LED digit flashes to display channel, other 3 digits display the value of this channel. You can press button “MENU” to return the menu.

4、Reset (Clear all memory data)

When controller is off, simultaneously press button “MENU” and “ENTER”, then push the switch to “ON”, and enter into menu of reset, and display “**LoAd**”

Press button “ENTER” to clear, and it will be switched ON automatically

If you don't want to clear, just press button “MENU” to exit

Notes:

1) When setting to run the preset programs, if selected “**C-02**”, and it will run the same mode by next switch ON,

fader is invalid at this moment. Please select “**C-oF**” if you need to change to manual control mode, then press button “ENTER” to save.

2) You must turn off the power switch of controller when stop using every time, you can't only disconnected the plug, otherwise the battery will not stop power supply until internal battery used up, and it will greatly shorten the battery life

- 3) When the battery power is not enough, it will automatically restart several times, finally have no display. Then the DC 12V adaptor should be used for power supplying, meanwhile it will charge to battery too, full charge should be no less than 8 hours.
- 4) This controller has energy saving function, when it's without operation after 1 minute, the LED Panel will off and just display the flashing point.

VI、Appendix

Caution:

- 1、The power must be discontinued during installation.
- 2、Check whether the installation completed before power ON, and check if the power is in accordance with the requirement or not, low voltage or high voltage will affect the working of controller.
- 3、Please never use gasoline or other chemicals to clean the controller.
- 4、Please don't disassemble the controller or replace any parts inside randomly
- 5、Only professionals allowed to operate the controller
- 6、Please contact the professional or supplier if there is any technical problems.
- 7、Please disconnect the power when the light is off or before the cleaning.
- 8、Only plug allowed to connect to the power, please don't pull out the plug by handle the wire.

VII、Maintenance

1. Cleaning and Using Frequency of Product

Please make sure the controller is power off before dismantling or maintaining, the inner part of the controller should be cleaned by vacuum cleaner at least once a year.

2. Complain

- (1) The salesman will check the details of complained problem, included the item no、delivered quantity、delivery time、faulty and pictures, and the requirement of customer
- (2) QC and Technology department will analysis the complained problem, and give a final solution to customer

VIII、Faulty Disposal

Faulty Description	Solution
Controller doesn't work	1. Check if the power is correctly connected? 2. Check if the +12V or +5V of circuit board is short-circuited?
Single or multiple channels failure	1. Check if the sliders are senescent or damaged.
Single or multiple buttons failure	1. Check if the buttons are senescent or damaged.