



SOLAR PRO 300 CC

USER MANUAL



Important note: to use lamps correctly, please read all the terms of this instruction. Please keep the instruction book in case you need it.

1.1 The crates

Thank you for using this company's products, please read this instruction manual carefully and carefully and keep it for reference. This specification contains important information about the installation and use of large power LED lights. Please follow these instructions carefully when installing and using.

When receiving the product, please check that the product is damaged by shipment.

1.2 Product introduction

This 300W LED PROFILE LIGHT, which is made from cast-aluminum shell, is beautiful, efficient and efficient, and is suitable for indoor use.

Products strictly according to CE standard design production, in line with the international standard DMX512 protocol, as well as a single control, also can use spreading into each other, suitable for large-scale theatrical performances, theaters, studios, and other places to use.

1.3 Product features

1.3.1 has the function of smooth adjustment, no flicker, no flicker of the dimmer process, the adjustment speed can be adjusted by push rod.

1.3.2 The built-in temperature sensor automatically adjusts the light amount according to the temperature to prevent the lamp from overheating.

1.3.3 has power and DMX512 signal light, which can be monitored at work condition.

1.3.4 digital tube pure digital display.

1.3.5The buttons and the digital tube display can be inverted.

1.3.6Both the power line and the signal line are connected by hand.

1.3.7 Uses a reflective cup to project a uniform flare.

Product general performance:

* Adjust 0 to 100%

* Stroboscopic

* self-walking program

* The protection level IP25

1.4 specifications

1.5 Technical parameters:

External working voltage: ac100-240v, 50/60hz,

Maximum power: 300W

Beam Angle:19/26/36/50 degrees

The number of colors of various colors: 4

Using the environment temperature range: 15 °C and 40 °C

1.6 safety warning

Important note:

The manufacturer will not be responsible for any accidents and losses caused by any unauthorized use and unauthorized alteration of the equipment.

Special attention should be paid to the voltage of the power supply to ensure that the voltage range is within the voltage range of the technical parameter marker (100v-240v). Due to many rural areas of voltage fluctuation range is too big, be sure to connect a power supply voltage regulator, and then connect the lamps and lanterns, the lamps and lanterns may be burned or make lamps and lanterns can't work.

Pieces do not use other electrical power cord and the lamp power supply input/output connector line together, also do not put other appliances DMX512 signal with this light DMX512 signal input/output connector lines connected together.

To ensure the safety of the power supply, please use the quality electrical outlet or cut the plug directly.

It is not recommended to use this lamp in direct sun exposure to avoid overheating during work.

2 The installation

2.1 Device

If the lamp is used as a lamp or top light, please put the lamp on the hanging arm of the lamp, screw tight. Then hang the lights on the truss. Adjust the position Angle of the light beam azimuth, and tighten the handle screw. If the lamp as a row of lights or footlights to use, as long as the two-hanging arm off a certain Angle, sit here as a scaffold, and then adjust the lamps and lanterns and the Angle between the hanging arm, use light meets the requirements of elevation, then tighten the handle screw.

2.2 The power connection

This product USES the input output power line of 1.5 square mm copper core wire, plug is 2 core 10A pair. When the power cord is in series, no more than 16 lights will be used when using 220V ac power.

Use this product DMX512 signal input and output don't more than 16 lamp, street line connection in DMX controller with light or light with the light signal lines, more than 100 meters, must increase the level of signal amplifier.

Project distribution installation

In adopting the company lamps and lanterns, if adopt the three-phase five-wire system, the zero line should be on each phase

This is the uniform output from the box, not a single zero.

3 Operating method

3.1 Display and key operation part:

Operation instruction: under the main menu, press the up and down key to select different function menus. After selecting different function menus, press the "ok" key to enter the corresponding drop-down menu function. In the drop-down menu, press the "increase" or "decrease" key to modify its parameter value. Press ok to return to the main menu.

3.2 Color screen display window comparison table

No	Display		
1	DMX-Addr	001	
2	Key-ADJ	Red	0--255
		Green	0--255
		Blue	0--255
		White	0--255
		dodge	0--255
3	Auto -ADJ	Auto	1--2
		speed	0--100
4	Screen Rotate	ON/OFF	

3.3 Comparison table of background display window

No	Display		The initial value
1	Fan temp	20--70	40
2	Low power temp	35--90	45
3	Protect temp	ON/OFF	OPEN
4	Red Current	20—255	235
5	Green Current	20—255	235
6	Blue Current	20--255	235
7	White Current	20--255	235
8	Language	EN	CHINESE
9	Screen saver	ON/OFF	OPNE

3.4DMX512 Eight-channel specification

NO	function	instructions
Channel 1	dimming	R、G、B、W Total dimming, linear dimming, from dark to light
Channel 2	Total stroboscopic	R、G、B、W Total stroboscopic, from slow to fast
Channel 3	Rdimming	R dimming, linear dimming, from dark to light
Channel 4	Gdimming	G dimming, linear dimming, from dark to light
Channel 5	Bdimming	B dimming, linear dimming, from dark to light
Channel 6	Wdimming	W dimming, linear dimming, from dark to light
Channel 7		0—50 : DMX 8Channel

	Feature selection	control; 51 — 100: jump; 101—150 : The gradient ; 151—200 : Pulse variable ; 201—255: Voice control
Channel 8	Function of speed	Function speed, from slow to fast

3.5. RDM instructions:

NO	function	instructions
1	Feedback (address code)	Free to change
2	Feedback (equipment temperature)	Cannot be changed

After power on, switch on the console power. When DMX512 console signal is not received, DMX indicator light will not be on. When receiving the DMX512 control station signal, the DMX indicator light will be on to control the signal of the controlled station.

In the address code state, after the multi-machine connection, if there is no access console, the master-slave online function can be realized to operate one of the devices, the rest of the devices in the address state follow the host to run the program synchronously, the master-slave online must cut off the DMX512 signal.