

LED Spotlight User Manual

PS-251B



- Please read the manual carefully before use
- Please keep it properly for future reference
- Main technical indicators

1. Product Description

The LED spotlight which replaces the traditional video spotlight adopts advanced design and processing technology. The cover is customized with high-strength aluminum profiles. With the modern and popular streamline design, it looks neat and appealing. Equipped with LED display screen to control DMX code and lamp body function selection, the device also has a built-in anti-interference circuit. Its structure is perfect and compact. A built-in electronic brightness adjustment function is available as well, which means that the brightness can be adjusted at any time. It is suitable for TV news studios, virtual studios, conference rooms, academic lecture halls, electronic classrooms and other occasions that require professional shooting.

Lamp body design, integrated aluminum profile heat dissipation, temperature protection, safe and reliable

Uniform color spots, unique optical system design, dazzling colours

Ultra high frequency (64KHZ) dimming technology, no light source flickering

Suitable for DMX-512 control protocol

2. Product Specification

Working voltage: AC100-250V, 50-60HZ

Color temperature: 3200K±150. 5600K±150

LED lifespan: 60,000-100,000 hours

Channel mode: 1 channel

Control protocol: DMX512 control, 2 types of control available, namely manual control and dimming control

Color rendering index: Ra≥90

Optical system: dimming 0-100%, light angle: 15°~60°

Temperature range: operating temperature -20 to +50℃, storage temperature: -20 to +60℃

Cooling system: natural air cooling

Dimension: 280mm(H)×380mm(L)×260mm(W)

Cover: aluminum profile

Color: black

Weight: 10KG

3. Display Board Function Setting

Interface	Functions	Remarks
A001	Modify address code A001-A512	d001-d512
		Press the OK button to confirm (press and hold for 5 seconds to enter the back end and set various parameters)
T15C	Lamp temperature	Press and hold for 5 seconds to enter the back end to set whether the digital tube will enter

	display	sleep mode
CL01	Number of LED colours CL01~02	Select the number of LED channels (note that it is not the total number of channels) the default monochromatic dimming
r---	r000-r255	The first channel brightness adjustment
g---	g000-g255	The second channel brightness adjustment (when the number of colour is more than 2)
FL00	F-00--F-80	FL00, strobe off (corresponding to strobe channel value 0~2) FL01~FL20 fast in and fast out (strobe channel value 3~60) FL21~FL40 slow in and fast out (strobe channel value 61~120) FL41~FL60 fast in and slow out (strobe channel value 121~180) FL61~FL80 slow in and slow out (strobe channel value 181~240)
ON	ON-OFF	Restore factory default settings
		OFF is the default value. ON is valid, press the OK key

4. Installation Requirement and Maintenance

Firstly, sort out the various parts and accessories used for supporting lamps.

Connect the wire from the lamp body to the matching power supply.

The power must be cut off before installation.

If you use this product to replace common accessories, please carefully check whether the product port matches with the old lamp holder. Please do not misuse it.

Make sure that the product is fastened on the surface of the object to be installed and please perform the following operations before finally connecting the power to light up.

5. Precautions

Operation not in accordance with the instructions may cause danger.

Illegal operations may damage your items and even endanger your personal safety.