

BI-COLOR LED AIRLITE



LMSA-500 LMSA-1000 LMSA-1000T

USER MENU

————— *lightstar* —————

Content

Product Overviews-----01

Product Feature-----01

Performance-----01

Operating Instruction-----03

Notice and Maintenance-----07

Service Warranty Ordinance-----07

■ **PRODUCT OVERVIEWS**

Lightstar LED Airlite is a Bi-Color LED Airlite, Hi-efficiency and Energy-saving, low power consumption, low operating temperature, none-ultraviolet radiation, long service life, color temperature 2800-6500 continuously adjustable, support cable DMX or Wireless DMX control, easy to use, meet different shooting scenes.

■ **PRODUCT FEATURE**

- ①360°even light
- ②High quality white light ,CRI≥95 ,brightness 0-100% adjustable
- ③The color temperature can be adjusted continuously between 2800K-6500K
- ④Support DMX512 communication protocol, LCD software control, multi-function, easy to operate
- ⑤Low power consumption, low operating temperature, green, energy-saving and environmental protection
- ⑥None-ultraviolet radiation , low operating temperature , long service life , reduces the cost
- ⑦Inflate and replenish air automatically, easy to operate
- ⑧The total luminous flux is relatively stable when adjusting the color temperature

PERFORMANCE

MODEL NO.:LMSA-500
Rated input:100-240V
Output power:500W
Color temperature:2800K-6500K
Dimensions:φ1180×730L(mm)

Net Weight:6.2Kg
Weight of Ballast:2.2kg
IP Class:IP20
Packing size:960×440×380(mm)

MODEL NO.:LMSA-1000
Rated input:100-240V
Output power:1000W
Color temperature:2800K-6500K
Dimensions:φ1800×1300L(mm)

Net Weight:8Kg
Weight of Ballast:3.5kg
IP Class:IP20
Packing size:φ300×1450(mm)

MODEL NO.:LMSA-1000T

Rated input:100-240V

Output power:1000W

Color temperature:2800K-6500K

Dimensions:φ900×2400L(mm)

Net Weight:11Kg

Weight of Ballast:3.5kg

IP Class:IP20

Packing size:1400x600x380(mm)

Packing List

LMSA-500 :



①Lamphead ②EB ③Cable ④Extension Cable ⑤Skirt ⑥Soft bag ⑦User Menu

LMSA-1000 :



①Lamphead ②EB ③Cable ④Extension Cable ⑤Skirt ⑥Soft bag ⑦User Menu

LMSA-1000T :



①Lamphead ②EB ③Cable ④Extension Cable ⑤Skirt ⑥Soft bag ⑦User Menu

Operating Introduction

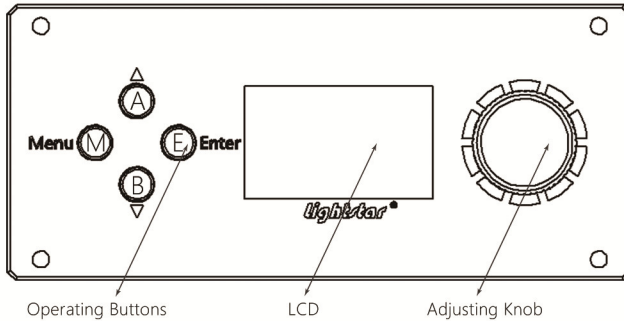
1. Brief Introduction

The product is an adjustable bi-color temperature LED light. The brightness adjustment range is 0-100%, temperature adjustment range is 2800-6500K, strobe frequency adjustment range is 0—50Hz, and duty cycle adjustment range is 1-99%. User could choose to control on panel, DMX, WDMX.

The input power is 100-240VAC, and the frequency is 50HZ/60HZ.

High voltage in it, pay attention to safety!!!

2. Operating Panel Function



There are three parts on operating panel: Operating keys, LCD, and adjustment knob. There are three parts on operating panel: Operating keys, LCD, and adjustment knob. Operating buttons consists four keys, M, A, B and E. Click button M to enter menu and return to upper level menu. Click button A to select up, click button B to select down, click button E to enter.

In addition, the operating buttons provide a quick link function under main screen, Click button B to ON/OFF light, Click button A to enter brightness adjustment and color temperature adjustment, Click button E to enter Silence mode, when the light is on, the cover is in inflated state, select Button E to turn on the fan mute, the fan will slow down immediately and enter the air supplement mode.

LCD display is used to display operating functions and parameters.

The adjusting knob is used to adjust the parameters.

3. Power on

3.1 Power On

Power on the light, the fan will inflate at 100% speed automatically. After 10 second, the light brightness will turn on 10% brightness. 1 minute later, the light brightness becomes 100%. 2 minutes later, the light is full and inflation completed, the light enter Fan Mode, the fan turn to 20% speed, and the light run automatically.

3.2. Fan Mode

Enter Fan Mode from Menu, or click Button E to enter Silence Mode, to reduce

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fan noisy satisfy the special shooting environment, the fan speed become 15%. The Fan control function is not available under Fan Mode. If need inflation, pls turn off Silence Mode, then the Fan restore to 20% speed automatically. Also you can enter fan control menu to adjust fan speed.

3.3 Hot Restrike

Once the lamp restarted, the lamp will Power On. According to 3.1, it will inflate at full speed for 2 minutes. To prevent overload, if the airlite is full, you can click Button E to stop inflation, the light will enter Silence Mode. After 2 minutes, you can turn off the Fan Mode, enter 20% speed inflation.

3.4 Operating Instructions

The home screen is brightness adjusting screen, using adjusting knob to adjust brightness. Select Button A switch to color temperature adjustment screen, using adjusting knob to adjust color temperature. Select Button A or M switch to home screen. As follow figure.



Home Screen



Color Temperature Adjustment Screen

Select Button M or quick link button E to enter Light mode selection screen.



Home Scree



Light Mode Selection Screen

At Light Mode selection screen, select quick link button A/B enter light mode, select Button E to enter light parameter adjustment screen.



Bio-color Parameter Adjusting Screen



Storbe Parameter Setting



On the Light Mode screen, select the corresponding adjustment parameters by select operating buttons, and then adjust the parameter data by adjusting the knob. select button B to enter other lighting data screens.

Enter Fan Mode, select Speed, adjust the fan speed through the knob to ensure that the internal pressure of the cover is sufficient; select Silence to turn on the fan mute, the fan will slow down immediately and enter the air supplement mode.



Fan Mode

5. DMX Control

There are two kinds of DMX signal control, wireless DMX and DMX signal control. Default is DMX signal. On ballast front panel, there is a five-core XLR input & output interface. There is a wireless DMX antenna on the side of ballast. The foot of five-core XLR input & output interface is defined as follow:

- 1 Data Link Common Port
- 2 Signal -
- 3 Signal +
- 4、5 No N/A



DMX Setup

On menu screen, select DMX Setup to enter DMX Add setting screen, set DMX starting and ending address (1-512) by adjusting the knob.

Select Button A/B to select DMX (wired) switch and WDMX switch. Select Button E to select ON/OFF to set "DMX" state.

WDMX is used for setting LumenRadio wireless module built-in. Select Button E to set ON/OFF state. If need reset, select Button B then select WDMX Reset, select Button E, the wireless module is reset successfully.

2.4G Wireless Module DMX Instruction

Corresponding relationship between ID code and LED color:

- 1: RED-----RED
- 2: GREEN-----GREEN
- 3: RED + GREED-----YELLOW
- 4: BLUE-----BLUE
- 5: RED + BLUE-----PURPLE
- 6: GREEN + BLUE-----BLUISH GREEN
- 7: RED + GREED + BLUE-----WHITE



1. Click the push button, show current ID setting, click the push button the ID number increases 1

2. Working status LED is always on: No DMX or no signal
 Red LED flashing: Sending
 Green LED flashing: Receiving

3. RF frequency, 126 bands, selected automatically and does not need to set.

4. ID code - --- "1-7" group ID code, press "KEY" to adjust, only could communicate to the transceivers in same ID code.

Communication Establish

1. Power on the sender and transceiver.

2. Press "key", set same ID for transceiver and sender. If there is more than one group of wireless LAN, make sure the ID of each network is NOT same.

3. After sender receives the DMX data, the sender will select a non-interference frequency band, sending the data, RED LED flashing. The transceiver will change

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the communicate band, until get the same correct ID data, GREEN LED flashing, DMX data communications the more fast, the LED flasing more fast.

4. The communication is established.

■ Notice and Maintenance

- ①LED' s operating temperature range must be guaranteed between -20℃~+40℃. Overheat or under cooling can both reduce its service life.
- ②The product must be placed on a solid, flat and dry surface. The surface temperature should be less than 50℃. Avoid exposure to direct sunlight and operating in an environment with high humidity or explosive gas.
- ③Do not beat, knock or shake the light violently, or it may influence the normal use or the light.
- ④Do not cover lamps with paper, cloth or similar materials during use.
- ⑤Put the lamp in a cool and dry place when you do not use it for a long time.
- ⑥Avoid any flammable liquid, water or metal material entering the machine. Cut off the power supply as soon as it happens.
- ⑦Do not use machines in dirty and dusty environments and clean them regularly.
- ⑧The technicians must get professional trainings to install, operate or repair LED. If the equipment cannot work normally, please contact with Lightstar' s aftersales department or professional technicians. Do not disassemble/re-assemble the equipment by yourself.
- ⑨The cover is not available to wash by machine or water scrubbing. If necessary, pls clean it by a lint free soft cloth with clean water. Do not use chemical reagents.

■ Service Warranty Ordinance

Customers can enjoy one-year free warranty service as of the date of purchasing our product.

- ①At the expiry of warranty period, users can still enjoy our repair service but the relevant cost will be charged.
- ②In any of the following circumstances, the product is not repaired free of charge whether the warranty period expires or not.

Damage caused by misuse or abuse, disassembly and non-original parts replacement.

Damage caused by natural disasters, unconventional voltage and environmental factors.

- ③©2017 Beijing Lightstar Electronic Corp. will remain the ultimate power of interpretation.
- ④Software version modification without further notice.

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