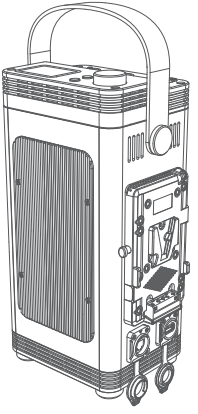
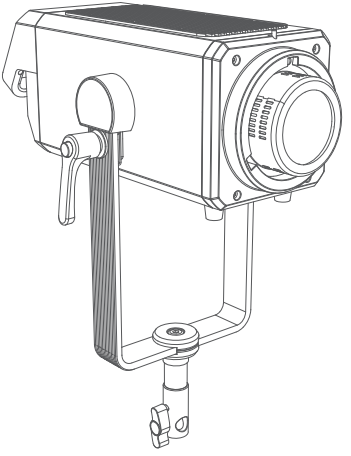
NEEWER
You Create. We Illuminate.





AS600C RGB
LED VIDEO LIGHT

Instruction Manual

Safety Instructions

For your safety and that of others, please carefully review the following safety guidelines before using this product. Pay close attention to the highlighted safety precautions in this manual, and always inspect the equipment before use, avoiding the use of any damaged parts.

※ Do not place flammable materials near the studio light.
※ Do not use in rainy, damp, or other adverse weather conditions.
※ Use a hairdryer brush or clean, thin paper to remove dust and moisture.
※ Keep this product out of reach of children and pets.
※ Avoid prolonged exposure of this product to direct sunlight.
※ Do not store this product in direct sunlight.
※ Turn off and disconnect the power before maintenance. The device should be powered off when installing or removing accessories.
※ Avoid obstructing or covering the ventilation holes during operation.
※ Do not use chemical agents or liquid to clean this product.
※ Do not submerge any part of this product in liquid.
※ Do not attempt to disassemble or repair this product by yourself.
※ The studio light may become hot during use. Do not touch affected parts with bare hands.

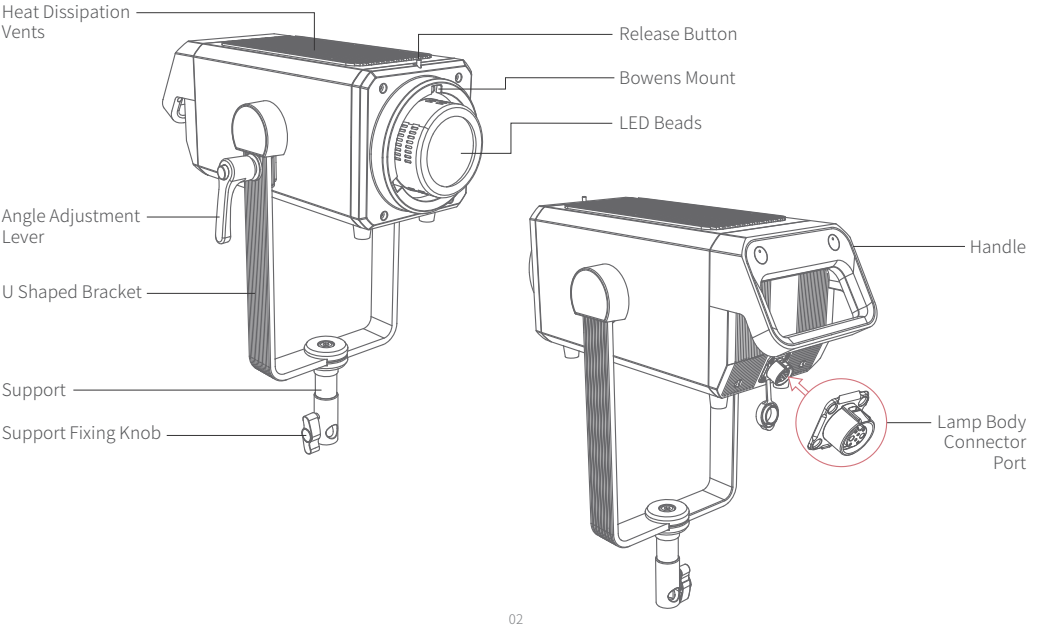
Product Introduction

The AS600C is a high-end flagship studio light developed for professional photographers. This product has high power output and has a separate light control unit.

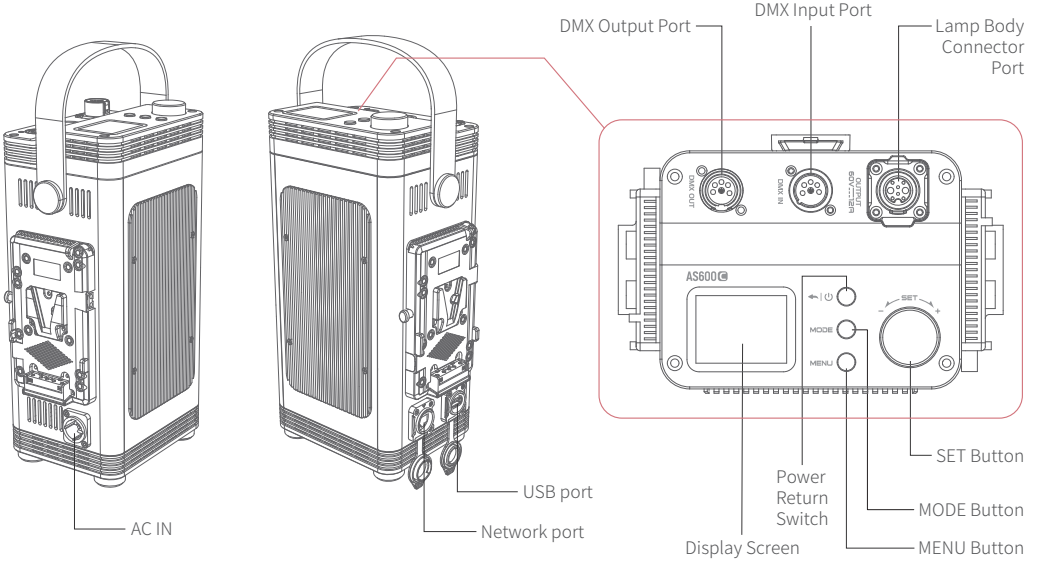
The light source is stable, with high illumination and strong beam penetration, and it comes with complete accessories and powerful functions.

This product is mainly suitable for studios, large shooting centers, outdoor shooting scenes, and professional film and television shooting scenarios.

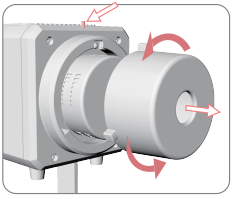
Product Illustration



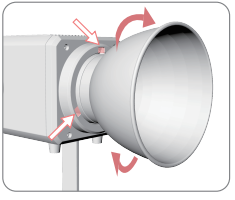
Product Illustration



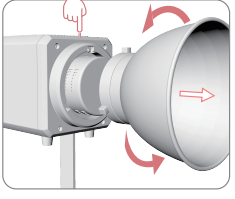
Installation Instructions



① Removing the Plastic Protective Cover:
Press the release button located on the top of the body of the lamp, then rotate the protective cover counterclockwise to remove it.

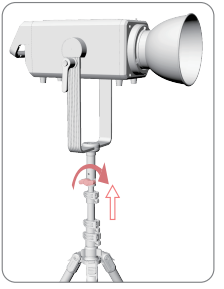


② Installing the Reflective Hood:
Align the tabs on the reflective hood with the slots on the lamp body, then rotate the reflective hood clockwise until you hear a 'click' sound, indicating it's securely installed.

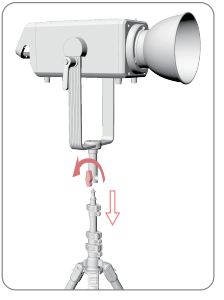


③ Removing the Reflective Hood:
Press the release button located on the top of the body of the lamp, then rotate the reflective hood counterclockwise to remove it.

Installation Instructions



④ Installing on the Light Stand:
Insert the top of the light stand into the mounting hole at the bottom of the support piece, then rotate the support's fixing knob clockwise to secure.

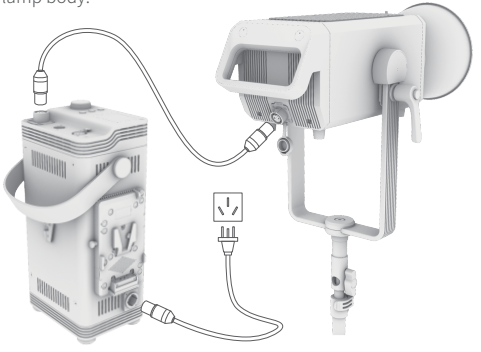


⑤ Removing the Light Stand:
Simply rotate the support's fixing knob counterclockwise to loosen and remove from the light stand.

Using the Product

Power Supply:

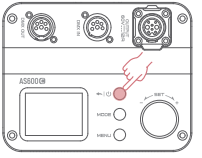
Start by connecting the power cord to the electrical outlet and the AC input interface on the control box.
Then, use the connection cable to establish a link between the control box and the lamp head connector port on the lamp body.





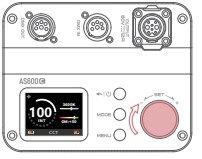
The control box includes a standard V lock plate for a V mount battery power supply.
It supports 14.8V/26V batteries, with a current greater than 10A.
Note: Batteries are not included and must be purchased separately!

Using the Product



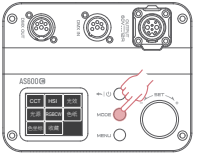
Power On/Off:

Long press 【Power/Return】 Button to turn the light on/off. Short press to return to the previous step.



INT Brightness Adjustment:

In any mode, rotate 【SET】 to adjust brightness (0–100%, 0.1 increments).

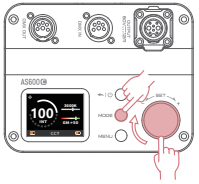


Mode Selection:

Short press【MODE】to enter "Mode Selection". There are 8 modes: CCT / HSI / FX / SOURCE / RGBCW / GEL / XY / FAV.

Long press【MODE】button to lock all buttons and disable operation. Long press again to unlock.

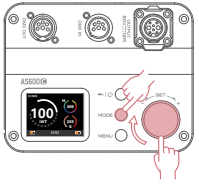
Using the Product



CCT Mode:

Short press【MODE】button to enter "Mode Selection".
Rotate【SET】button to select "CCT", then short press【SET】button to confirm.

Rotate【SET】button to adjust color temperature from 2500K to 7500K.
Short press【SET】button to switch to GM and adjust from –50 to +50.
Short press【SET】button to switch to INT and adjust from 0–100.

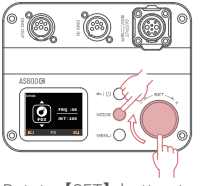


HSI Mode:

Short press【MODE】button to enter "Mode Selection".
Rotate【SET】button to select "HSI", then short press【SET】button to confirm.

Short press【SET】button to choose H / S / INT sub-modes.
Rotate【SET】button to adjust their values.
The INT adjustment range is 0–100.

Using the Product



FX Mode:

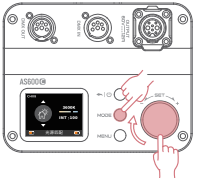
Short press【MODE】button to enter "Mode Selection".
Rotate【SET】button to select "FX", then short press【SET】button to confirm.

Rotate【SET】button to select FX effects (F01–F17).
Short press【SET】button to choose FRQ (frequency) / INT (brightness) sub-mode.
FRQ range: 1-10, INT range: 0-100.

List of FX Effects:

F01 Lightning	F02 Paparazzi	F03 Defective bulb	F04 Explosion	F05 Welding
F06 CCT Flash	F07 Hue flash	F08 CCT Pulse	F09 HUE Pulse	F10 Cop car
F11 Candlelight	F12 HUE loop	F13 CCT loop	F14 INT loop	F15 TV screen
F16 Fireworks	F17 Party			

Using the Product



SOURCE Mode:

Short press【MODE】button to enter "Mode Selection". Rotate【SET】button to select "SOURCE", then short press【SET】button to confirm.

Rotate【SET】button to select from 17 sources.
Short press【SET】button to choose Color Temperature/INT sub-mode.
Color temperature range: 2500K ~ 7500K, INT range: 0~100.

Natural Sources:


Sunrise/Sunset 1800K


Candlelight 1900K


Horizon Daylight 5000K


Daylight 5500K


Sunlight 6500K


Overcast 7000K


Moonlight 8000K


Blue Sky 10000K

Using the Product

Studio Light Sources:


Tungsten 3200K


Studio Bulb 3300K


Modeling Lamp 3400K


5600K HMI 5600K


Daylight HMI 6000K

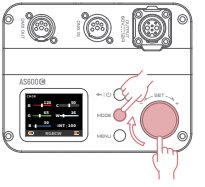
Others:


High Pressure Sodium 2200K


Warm White Halogen 2700K


White Halogen 4300K


Short Arc Xenon 6200K

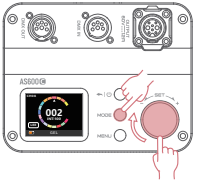


RGBCW Mode:

Short press【MODE】button to enter "Mode Selection". Rotate【SET】button to select "RGBCW", then short press【SET】button to confirm.

Short press【SET】button to choose a parameter, then rotate【SET】to adjust.

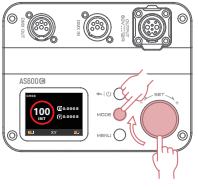
Using the Product



GEL Mode:

Short press【MODE】button to enter "Mode Selection". Rotate【SET】button to select "GEL", then short press【SET】button to confirm.

Short press【SET】to choose LEE/ROSCO/INT sub-modes.
Rotate【SET】to adjust sub-mode values.
INT range: 0~100.

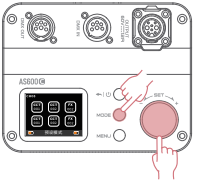


XY Mode:

Short press【MODE】button to enter "Mode Selection". Rotate【SET】button to select "XY", then short press【SET】button to confirm.

Short press【SET】to choose X/Y/INT sub-modes.
Rotate【SET】to adjust sub-mode values.
INT range: 0~100.

Using the Product



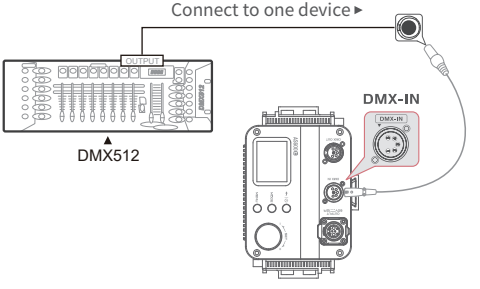
FAV Mode:

Short press【MODE】button to enter "Mode Selection". Rotate【SET】button to select "FAV", then short press【SET】button to confirm.

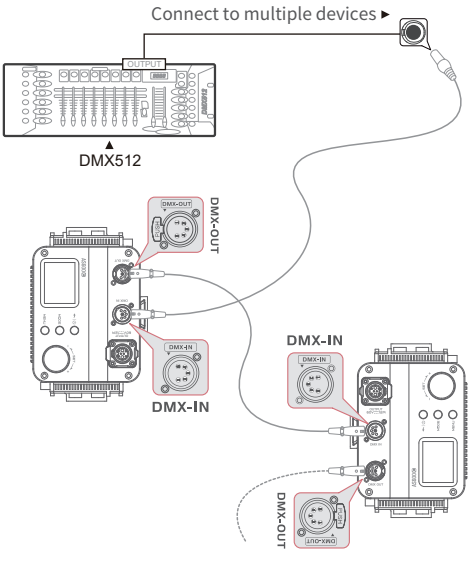
Rotate【SET】to choose from 30 available favorites.

Note: Long press【SET】in any mode to save the current setting to favourites.“Added to Favorites”will appear on screen.

DMX Connection:

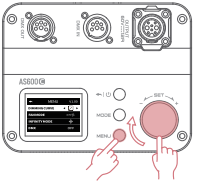


Using the Product



Note: When connecting multiple devices, a standard DMX terminator must be connected to the "DMX OUT" of the last device.

Custom Menu



Menu Custom Mode:

Short press【MENU】to enter "Menu Mode".

Rotate【SET】to select a custom menu item. Short press【SET】to enter the item and adjust its value.

※ Refer to the table below to finish the menu settings using the custom functions.

Custom Function	Setting	Setting Description
OUTPUT MODE	CP	Constant power
	CL	Constant illuminance
FAN MODE	AUTO	Smart Mode (max power: 100%)
	HIGH	High Speed Mode (max power: 100%)
	MED	Mid Speed Mode (max power: 50%)
	MUTE	Silent Mode (max power: 25%)
DIMMING CURVE		Linear
		Logarithmic
		Exponential
		S -Curve

Custom Menu

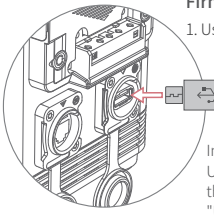
Custom Function	Setting	Setting Description
INFINITY	✣	INFINITY Mode is on
	2.4G	2.4G Mode is on
2.4G CHANNEL	0~99	Choose 0–99 channels when 2.4G mode in on
INFINITY RESET	YES	Confirm Reset
	NO	Exit Reset
DMX	ON	Turn on
	OFF	Turn off
DMX ADDRESS	001~512	Choose 001-512 addresses when DMX is on
DMX MODE	CCT&RGB 8CH CCT 4CH CCT&HSI 7CH RGB 5CH HSI 4CH GEL 4CH XY 4CH SOURCE 4CH FX 7CH RGBCW 6CH UL TIMATE 9CH NEEWER 7CH	Choose 12 modes when DMX is on
DMX LOSS	60 S	Invalid after 60s
	180 S	Invalid after 180s
	0 S	Shut off immediately
	SAVE	Memorizes the last status

Custom Menu

Custom Function	Setting	Setting Description
DMX Smooth	Normal	Normal Smoothness
	Super	Super Smoothness
	OFF	Turn off
RDM	ON	Turn on
	OFF	Turn off
CRMX	ON	Turn on
	OFF	Turn off
ART-NET& SACN	Network Settings	IP Address/Subnet Mask/Gateway
	ARTNET&SACN	ARTNET&SACN/ARTNET/SACN
STUDIO MODE	ON	Turn on
	OFF	Turn off
LANGUAGE	ENG/中文	Switch between Chinese and English
USB UPDATE	YES	Upgrade firmware
	NO	Exit
RESET ALL SETTINGS	YES	Restore factory settings
	NO	Exit
FIRMWRE VERSION	Version number	Current version

※ In 2.4G mode, set multiple lights to the same channel (e.g. 88). Adjusting one light will sync all on the same channel.

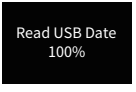
Firmware Upgrade



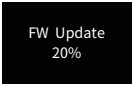
Firmware Upgrade via a USB Drive:

1. Use a USB drive formatted to FAT32/FAT.
2. Not compatible with drives lower than 32GB.
3. Firmware file must be named "AS600C.bin".

Insert the USB drive into the controller's USB port. Short press【MENU】button, then rotate【SET】button to select "USB Upgrade".



The progress of data reading is shown on the display. 100% means the data has been read successfully; any other value indicates it has failed.



After successfully reading the data, the display will show firmware updating. The light will automatically reboot once the process is complete.

Safety Precautions

1. Do not stare directly at the light to avoid eye damage.
2. Do not modify or dismantle the electrical wires to prevent injury.
3. Do not modify the circuit board or disassemble the product.
4. Use the provided power cord or an approved alternative to ensure safety.

Safety Precautions

5. Avoid using alcohol or liquid cleaners on the product to prevent damage.
6. Do not subject the product to any form of physical impact.
7. Avoid prolonged exposure to sunlight.
8. Unplug the power cable when not in use.
9. Use a soft cloth to clean the product.
10. Failure to comply with these guidelines will void the warranty.

Specifications

Model	AS600C
Color Temperature	2500-7500K
Brightness	0.0%-100%
Color Rendering Index (CRI)	CRI⩾95, TLCI⩾98
Max Illuminance (without diffuser)	21000 lx (1m)
Max Illuminance (with diffuser)	56000 lx (1m)
Special Effects Modes	17
Input Power	720 W
Input Voltage	AC 100-240V, DC 60V/12A
Output Power	600 W
Weight	Lamp Body: 5kg (±10%), Control Box: 3.74kg

If you have any questions about product, we are glad to help.

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