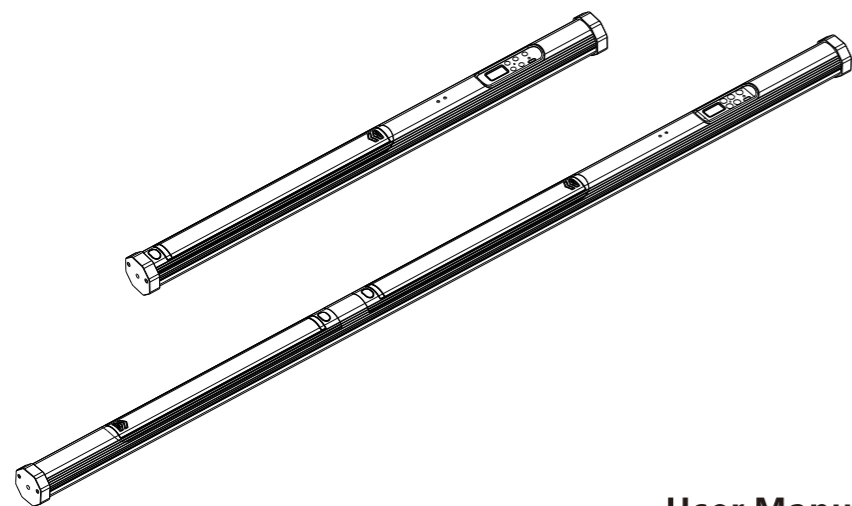


HS-T60/HS-T120 LED VIDEO LIGHT



User Manual

I. Introduction

- HS-T60/HS-T120 are professional RGB full color LED tube lights, with HSI and RGBWT working modes, up to 16 million of color combinations.
- Supporting adjustment of 0-360° hue, brightness and saturation.
- Ultra-wide color temperature range of 2600K-7500K in CCT mode.
- It supports 24 scene mode simulation effects.
- LED color rendering index CRI ≥95, true color reproduction, brightness 0-100% adjustable.
- Built-in lithium battery 14.8V 2500mAh for HS-T60 and 14.8V 5000mAh lithium battery for HS-T120. Both of the lights support DC24V charging.
- OLED display is adopted to facilitate users to observe data.
- Support mobile APP control, wired and wireless DMX control
- Built-in professional LED driver chip, no ripples or stroboscopic phenomenon when shooting, especially suitable for live broadcasting, camping, selfie, still life shooting, video recording, etc.

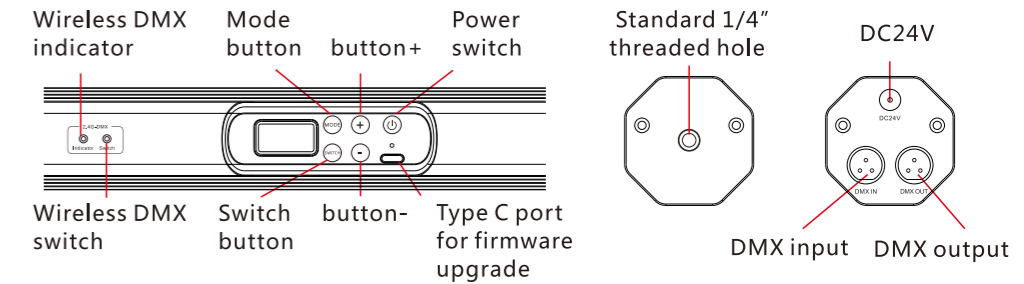
II. Warning

1. Please keep dry, do not touch the product with wet hands, and do not immerse the product in water or expose it to rain.
2. Do not use in a closed environment with high temperature or direct sunlight.
3. The built-in lithium battery is forbidden to be disassembled, impacted, squeezed or put into fire. Please strictly follow the corresponding operating rules, otherwise it may cause an explosion or fire.

III. Precautions

1. Please unplug the power cord after charging is complete.
2. If the product has not been used for a long time, please charge the product first.
3. This product has a built-in lithium battery, the battery life will be shortened after a period of use, this is a normal phenomenon.

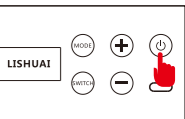
IV. Part Name



V. Operation

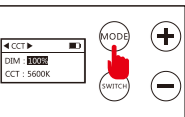
1. Power on and power off

Long press the switch button to turn on the light.



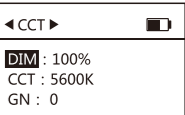
2. Mode Setting

Press the MODE button to cycle through CCT mode, HSI mode, RGBWT mode, FX mode, DMX setting mode, REMOTE setting mode, and Language setting mode.



3. CCT mode

Press the SWITCH button to adjust the brightness, color temperature, and GN data respectively. Use the button+ and button- to set the brightness from 0 to 100%, the color temperature from 2600K to 7500K, and the GN from -100 to +100.



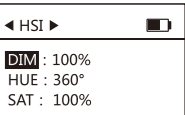
4. HSI Mode

Press SWITCH button to set the brightness, hue and saturation respectively.

I - Brightness: 0-100%

H - Hue: support setting each color in 0-360°

S - Saturation: 0-100%



V. Operation

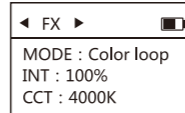
5. RGBWT mode

Press SWITCH button to set the R/G/B/W/T color (0-255) separately, and achieve different effects by combination of different colors, up to 16 million combinations of colors.



6. FX mode

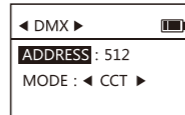
It supports 24 kinds of scene modes. Press [SWITCH] button to switch, and press +/- buttons to choose modes, set speed and brightness.



NO.	Scene	NO.	Scene
1	Marquee	13	Rainbow
2	Color chase	14	Breathing
3	Party	15	Turn signal
4	Fault bulb	16	Strobe (fast flash)
5	Lightning	17	Ambulance
6	Screen	18	Fire truck
7	Cop car	19	High/low beams
8	Tracing	20	SOS
9	Candle	21	Fireworks
10	CCT chase	22	Meteor
11	CCT pulse	23	Spectrum
12	CCT flash	24	Transition

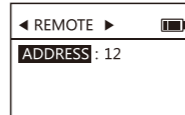
7. DMX setting

Each cell represents about 33% of the power. When low battery the battery symbol will flash. After about 5 minutes, it will automatically shut down. Please charge it in time.



8. REMOTE setting

Press +/- buttons to set remote address 1-12.



9. Language setting

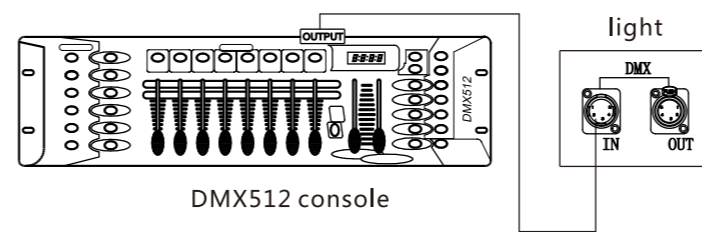
Press +/- buttons to choose Chinese language or English language.



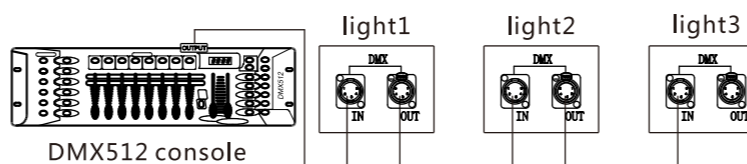
V. Operation

10. DMX connecting

When using DMX, connect the DMX cable to the console as below. Set the DMX address same as DMX console. Now the light is controlled by DMX signal.



DMX single light connection diagram



DMX multiple light connection diagram

11. DMX control

Please see below details of DMX address on LCD and corresponding channels on DMX console.

V. Operation

DMX mode: CCT (3 channels)

DMX address on LCD screen	Corresponding channel on DMX console
1	1-1(brightness)1-2(red)1-3(GN)
2	1-2(brightness)1-3(red)1-4(GN)
.....
16	1-16(brightness)2-1(red)2-2(GN)
17	2-1(brightness)2-2(red)2-3(GN)
.....
510	32-14(brightness)32-15(red)32-16(GN)
511-512	

DMX Mode :RGBWT (4 Channels)

LCD display address	DMX console channels
1	1-1(brightness)1-2(red)1-3(green)1-4(blue)
2	1-2(brightness)1-3(red)1-4(green)1-5(blue)
.....
16	1-16(brightness)2-1(red)2-2(green)2-3(blue)
17	2-1(brightness)2-2(red)2-3(green)2-4(blue)
.....
510	32-13(brightness)32-14(red)32-15(green)32-16(blue)
511-512	

V.Operation

DMX Mode :HSI (3 Channels)

LCD display address	DMX console channels
1	1-1(brightness)1-2(HUE)1-3(SAT)
2	1-1(brightness)1-3(HUE)1-4(SAT)
.....
16	1-16(brightness)2-1(HUE)2-2(SAT)
17	2-1(brightness)2-2(HUE)2-3(SAT)
.....
510	32-14(brightness)32-15(HUE)32-16(SAT)
511-512	

DMX Mode :CCT &RGBWT (7 Channels)

LCD display address	DMX console channels
1	1-1(Brightness)1-2(Color temperature)1-3(GN)1-4(Saturation)1-5(Red)1-6(Green)1-7(Blue)
2	1-2(Brightness)1-3(Color temperature)1-4(GN)1-5(Saturation)1-6(Red)1-7(Green)1-8(Blue)
.....
16	1-16(Brightness)2-1(Color temperature)2-2(GN)2-3(Saturation)2-4(Red)2-5(Green)2-6(Blue)
17	2-1(Brightness)2-2(Color temperature)2-3(GN)2-4(Saturation)2-5(Red)2-6(Green)2-7(Blue)
.....
506	32-10(brightness)32-11(color temperature)32-12(GN)32-13(Saturation)32-14(Red)32-15(Green)32-16(Blue)
507-512	

VI.Product specifications

Model	HS-T60	HS-T120
CCT Color temperature	2600K-7500K(±200K)	
Brightness range	0-100%	
LEDS	400pcs LEDs (warm white 160pcs + cool white 160pcs+RGB80pcs)	800pcs LEDs (warm white 320pcs + cool white 320pcs+RGB160pcs)
CRI (Ra) (average)	≥95	
TLCI (Qa) (average)	≥97	
HSI	0-360°	
RGB Combination	Support (up to 16 million combination colors)	
Scene	Support (24 kinds)	
Built-in battery	14.8V 2500mAh(37Wh) lithium battery	14.8V 5000mAh(74Wh) lithium battery
Power	16W	32W
Battery duration	Continuously working about 120mins at 100% full power at 7500K	
Input/output interface	DC port	
Input power	24V 1.25A MAX	24V 2.5A MAX
Fixed interface	1/4"-20 threaded hole	
Size	62.1 x φ4.4cm (2ft)	119.1 x φ4.4cm (4ft)
Net weight	About 0.75kg	About 1.35kg
Item included	1xThe light tube HS-T60 2x DMX cable 1x Power adapter 1x Stand stud	1x The light tube HS-T120 2x DMX cable 1x Power adapter 1x Power cable 1x Stand stud

V.Operation

12. Instructions for Wireless DMX Operation

To use the wireless DMX function, adjust to the DMX settings interface, then press the switch button to adjust to the wireless DMX option and turn it on. Press the 2.4G-DMX switch on the left side of the control box panel with a small stick.

Each time you press the 2.4G-DMX switch, the left indicator light will cycle through the colors red, green, yellow, blue, purple, cyan, and white. The status of the wireless DMX indicator is listed below.

Indicator working conditions	Signals receiving condition
Be continuously on	No wireless DMX signal
Green color flashes	Signal is being received

NOTED:

Make sure the signal from the transmitter matches the signal on the lights when using the wireless DMX control function, add confirm by verifying that the wireless DMX indicator lights on the control box and transmitter are the same color.

Wireless DMX transmitter operation instructions

1)Connect the wireless transmitter to the DMX console, and power on the wireless transmitter.

2) Use a small stick to press the button on the wireless DMX transmitter. The indicator light will display different colors of red, green, yellow, blue, purple, cyan, and white. These colors correspond to different ID numbers. Ensure that the color of the indicator light matches the color of the indicator light on the lamp. The working status of the wireless DMX transmitter is as below,

Indicator working conditions	Signals transmitting condition
Be continuously on	No wireless DMX signal
Red color flashes	Signal is being transmitted

VI.Product specifications

HS-T60 illuminance:

LEDS	Distance	0.5m	1m	2m	3m
	Full power illuminance				
2600K		1077Lux	324Lux	88Lux	41Lux
3200K		1138Lux	341Lux	93Lux	44Lux
4400K		1224Lux	364Lux	100Lux	47Lux
5600K		1309Lux	384Lux	105Lux	49Lux
7500K		1368Lux	404Lux	111Lux	52Lux
R(RE D)		433Lux	130Lux	36Lux	18Lux
G(GREEN)		946Lux	279Lux	77Lux	37Lux
B(BLUE)		205Lux	62Lux	18Lux	9Lux

HS-T120 illuminance:

LEDS	Distance	0.5m	1m	2m	3m
	Full power illuminance				
2600K		1455Lux	550Lux	169Lux	82Lux
3200K		1516Lux	582Lux	177Lux	85Lux
4400K		1653Lux	621Lux	189Lux	91Lux
5600K		1722Lux	653Lux	199Lux	96Lux
7500K		1824Lux	689Lux	211Lux	102Lux
R(RE D)		540Lux	202Lux	62Lux	30Lux
G(GREEN)		1257Lux	469Lux	144Lux	70Lux
B(BLUE)		255Lux	95Lux	29Lux	15Lux

The specifications and parameters of the products are tested according to the company's laboratory samples, and the finished product may be slightly different, which does not affect normal use. Design and specifications are subject to change

V.Operation

13.How to use Lishuai APP

You can download the APP to control lights by searching for "Lishuai" in the App Store or Android Market, or by scanning the QR code below.



Android



IOS

(1)Open the APP, select tube to enter and choose product model HS-T25/HS-T60/HS-T120, click to search device and enter the menu interface.

(2) Set the APP address to the same number that is shown on the light. The APP address can be set from 1 to 12.

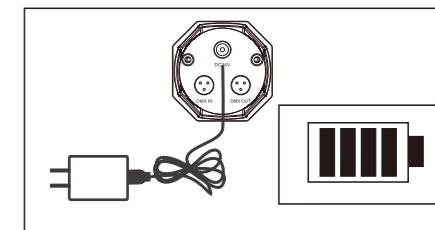
(3) Now the light can be controlled by the mobile APP. The color temperature, HSI, RGBWT, special effects, language, DMX address and APP address can be adjusted.

14.About battery icon

Each cell represents about 25% of the power. When the last cell is used up, the battery icon will flash. Please charge in time.

15. About DC charging

The charging port is DC24V . Connect the charging adapter to the DC port at the bottom to charge the product. It will take about 3.5 hours to fully charge the product.



***Note: It is possible to use the light while charging, but it is recommended to charge the product after powering it off. If the light needs to be turned on and the CCT mode is used while charging, it is recommended to reduce the brightness.**