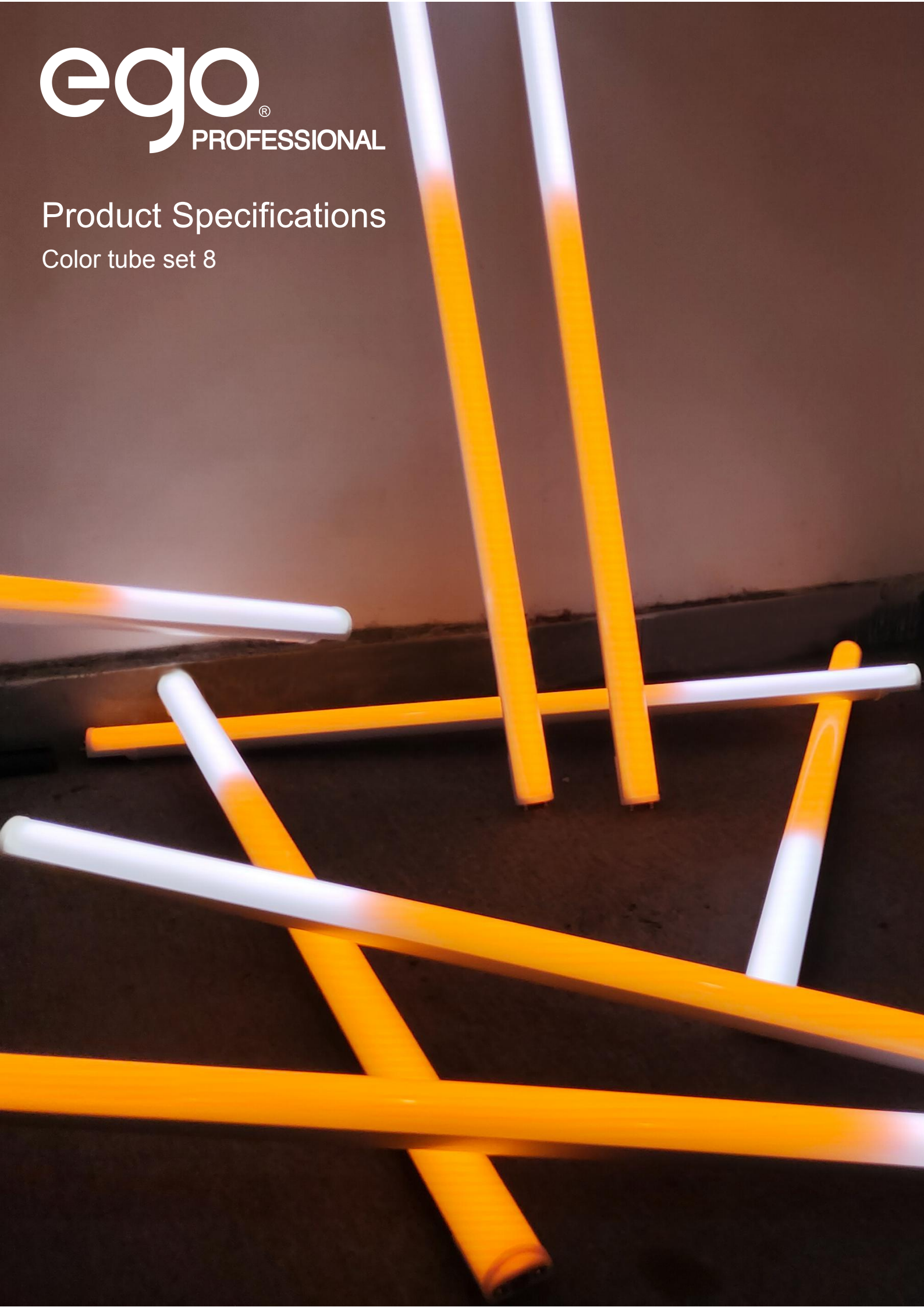# ego®
PROFESSIONAL

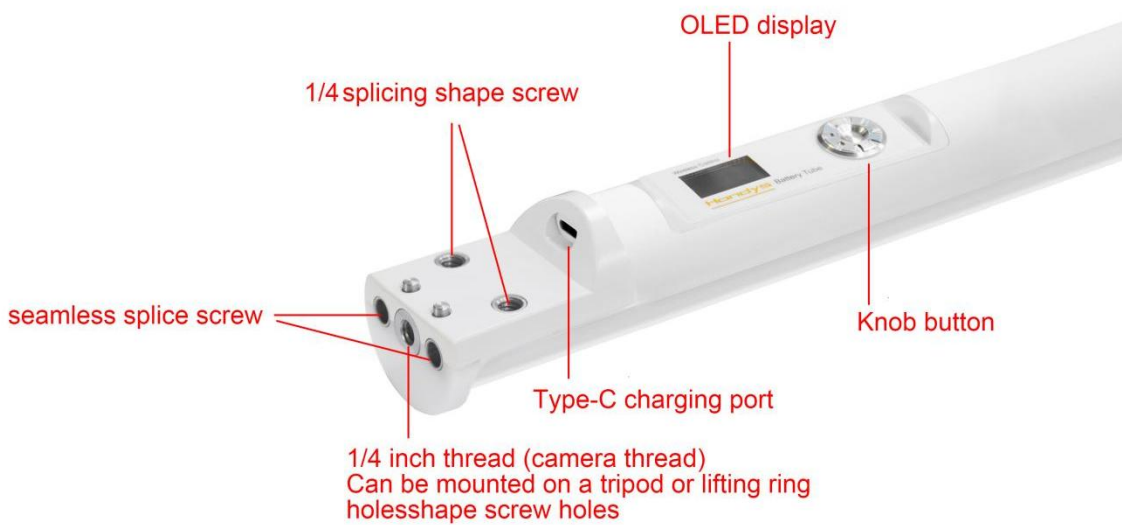# Product Specifications

Color tube set 8

Product name：Color tube set 8

Overview：

This product is a smart wireless LED tube, using 2.4G WIFI wireless transmission, support wireless ARTNET/DMX signal control, the control distance can reach 60M; Supports manual\PC\APP control, easy to use; 160°beam angle, which can realize various lighting effects such as monochrome, gradient, flowing water, jumping, etc,dynamic; Pre-programmed multiple lighting modes, suitable for various scenarios; powered by rechargeable batteries, support PD3.0 fast charging protocol, the minimum working time of full power is 4 hours, and the minimum working time of power saving mode is 6.5 hours; Hanging rings, light buckles, tripods stand,Three-dimensional connecting rod and other installation methods; Suitable for stage lighting, stage performances, temporary events, auto shows, wedding lighting, outdoor travel, photography, concerts and other places.

1M Wireless LED Tube：

1000MM

1/4 splicing shape screw

OLED display

seamless splice screw

Knob button

Type-C charging port

1/4 inch thread (camera thread)
Can be mounted on a tripod or lifting ring
holesshape screw holes

ego PROFESSIONAL

WIRELESS LED TUBE 1M

Parameters	Unit	Description
Optical parameters		
Color rendering index	CRI	≥95
LED life	H	50000
Color temperature	K	3200-8500
Color	—	RGBW
Beam angle	DEG	160
LED quantity	PCS	96
Pixel quantity	PCS	24
Gray level	—	65536
Color refresh frequency	—	16K
Electronic parameters		
Charging voltage	V	5V-20V (PD Protocol)
Maximum power	W	35
Operating mode	—	DMX、ART-NET(RDM）
Battery Life	H	20000
Battery life	H	Full power>4 Power saving mode>6.5
Charging time	H	≤5
Transmission distance	M	> 60 (ART-NET mode) > 100 (Command mode) （Laboratory environment）
Operating language	—	Simplified Chinese/English
Structural parameters		
Size	MM	1000*φ40
Weight	KG	1.1
Waterproof rating	—	IP65
Shell material	—	PC+Aluminum
Installation method	—	Hanging ring, tripod stand, light buckle, straight connector tripod head
Package size of one set	CM	118×24×41
Package weight of one set	KG	27.2
Control way		
Display	—	OLED display
Manual control	—	Knob button control
Support software	—	Hondys/Mad-show/Madrix

Features：

Support 2.4G WIFI transmission, remote control, distance up to 60m;

➢ Implement USB PD3.0 fast charging standard, support 20V voltage charging;

➢ Four control methods, APP control, Manual control, PC software control, Console control;

APP control

Turn on the hotspot on the mobile phone, configure the hotspot, enable the APP and automatically connect to the color tube;

Manual control

Rotate/press one-key control,

Convenient to use

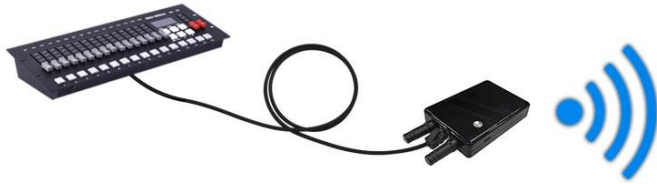| Operation	Function Description
Long press	Power on/Function switch
Rotate clockwise	Switch options: switch options down;
Rotate counterclockwise	Switch options: switch options up;
Click	Enter/return to the menu: click the knob to enter the next menu, and return to the previous menu after confirming the option;

PC control

After the computer is turned on/configured with the mobile hotspot, enable the software to connect the color tube to use it remotely;

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Console control

The console connect with Color tube through amplifier.

32PCS

➢ A variety of installation methods, suitable for a variety of occasions

1. Seamless stitching

The straight connectors are embedded on both sides of the color tube, and the color tube is inserted into each other to achieve seamless splicing;
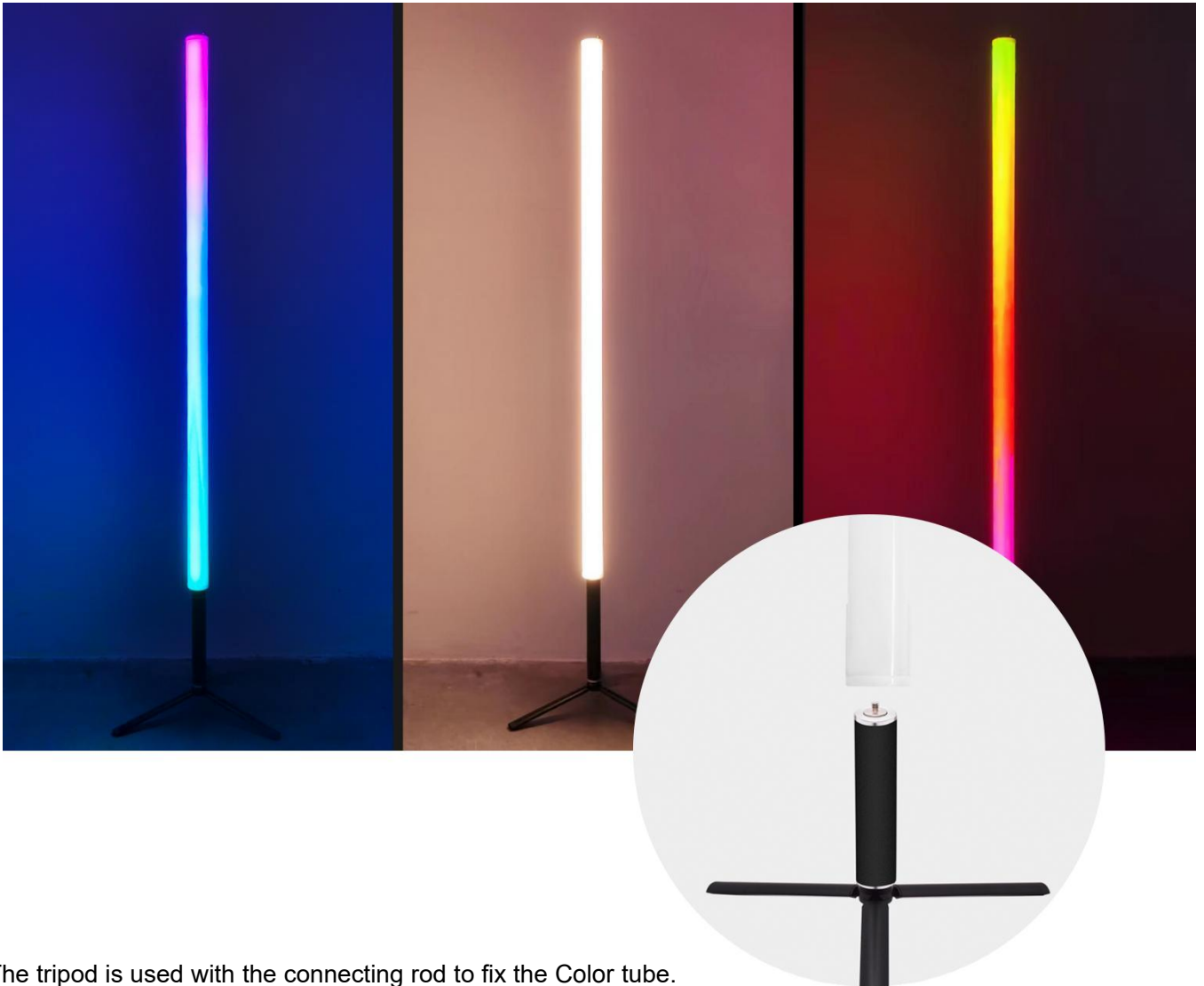
2. Ring installation

Hanging ropes and screws on both sides complete the hoisting，

Pay attention to the angle of the lifting ring to prevent the center of gravity of the lamp from shifting；

3. Tripod stand installation

The tripod is used with the connecting rod to fix the Color tube.
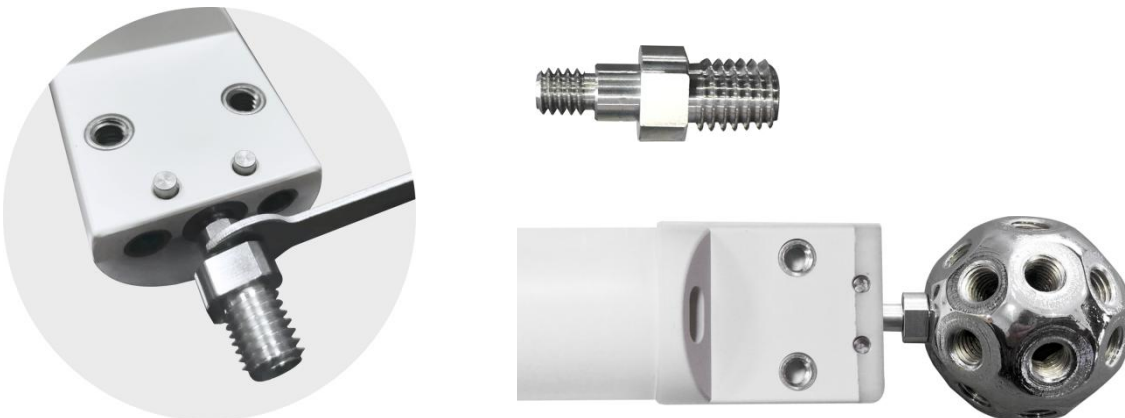Standing vertically on the ground

4. Light buckle installation

Use the light buckle to fix the two sides of the color led tube. The bottom of the light buckle contains camera threads, which can be fixed and mounted with other accessories;
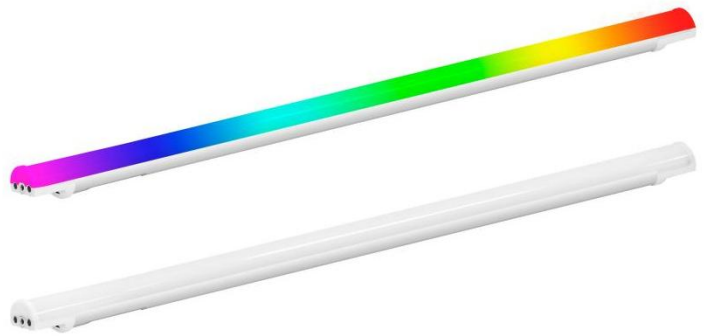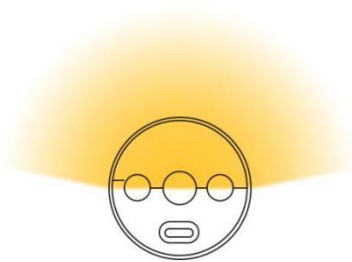

5. Three-dimensional connecting rod for Color Tube

Use the three-dimensional connecting rod to fix it into the screw hole of the Color Tube to complete the installation, and can cooperate with the holes ball or other accessories to complete the three-dimensional modeling;

➢ Support multi-lamp synchronous coordinated control, cascade multiple, the effect is more prominent；

➢ 160°light emission, which can realize various lighting effects such as gradient, jump, flowing water, monochrome and dynamic;

160° beam angle

➢ Adjustable lighting parameters such as color temperature, brightness, speed;

➢ Built-in a variety of scene lighting effects, easy to deal with a variety of scenes;

➢ The minimum working time of full power is 4 hours, and the minimum working time of power saving mode is 6.5 hours;

6.5

LG

28000MAH

8×3500MAH Large capacitybattery

6.5 hours of durable battery life

➢ Support software control such as Hondys\Mad-show\Madrix

- 9-in-1 Charger, Fast flash charge;

- Flight case packing；

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➤ Packing list；

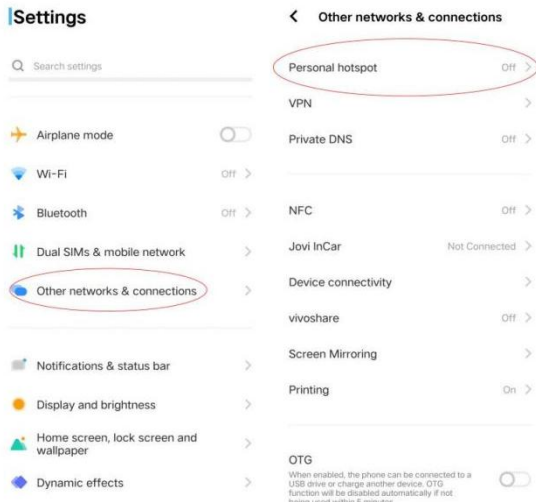| Name	Unit	Quantity
Color tube	PCS	8
Amplifier	PCS	1
Amplifier XLR cable	PCS	1
Charging box	PCS	1
Power line	PCS	1
Type-C line	PCS	9
Hanging ring	PCS	16
Steel rope	PCS	16
Connecting rod	PCS	8
Tripod	PCS	8
Light buckle	PCS	16
Three-dimensional connecting rod	PCS	16
Straight connectors	PCS	16
Flight case	PCS	1

Connection and control

1. Hondys APP connection control; (currently only supports Android system)

(1) Turn on the mobile phone hotspot；

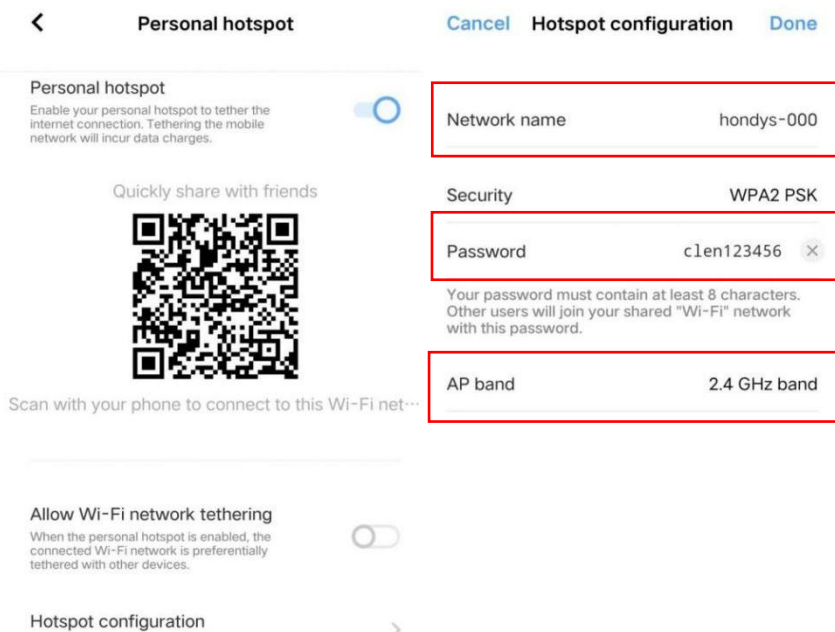Open phone settings - other networks and connections - personal hotspot

Turn on mobile hotspot (no need to turn on WiFi and data network)
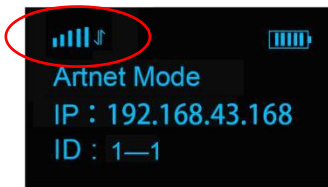

(2) Hotspot configuration

Click on the hotspot configuration, enter the network name: hondys-000

Password input: clen123456 AP frequency band select 2.4GHz frequency band (5GHz frequency band is not supported), Click Finish；

（3）Long press the knob on the front panel of the flute, the flute will automatically connect after it is turned on；
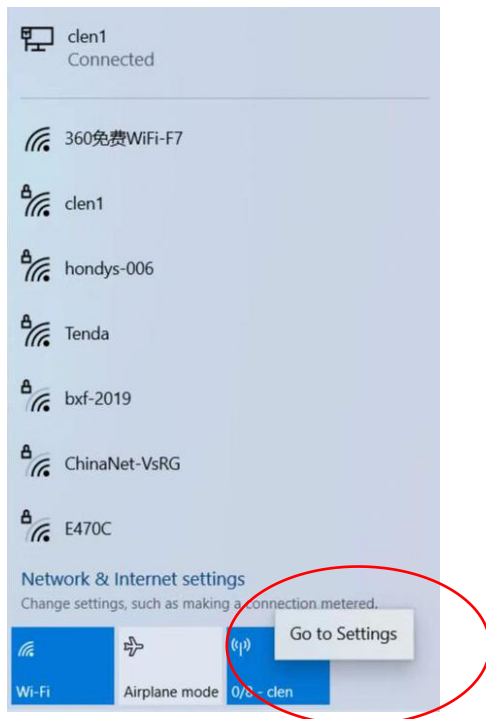
Connected

①

Didn't connected

②

The Color led tube panel appears as shown in the picture ① interface
the connection is successful；
If the interface shown in picture ② appears, the connection fails.
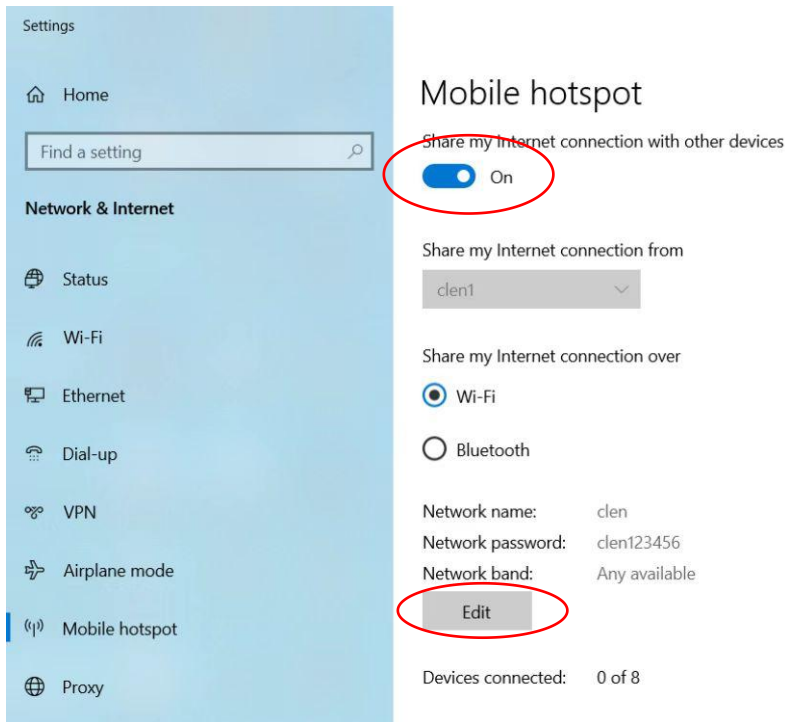Check whether the hotspot configuration is set correctly；

2. MAD-SHOW connection control

(1) Click the knob switch to turn on the rainbow flute, the default Artnet mode；

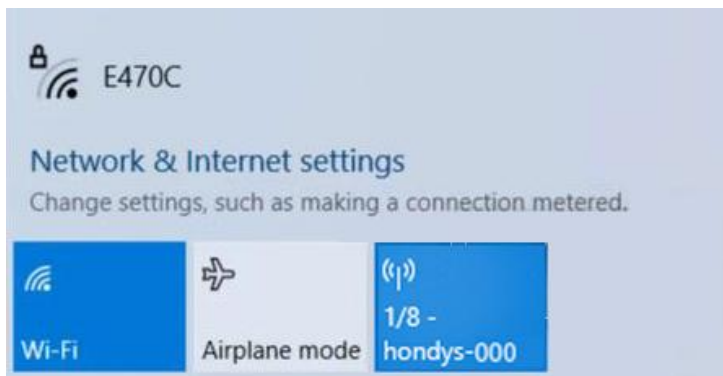（2）Click Settings, and the computer will turn on the mobile hotspot；
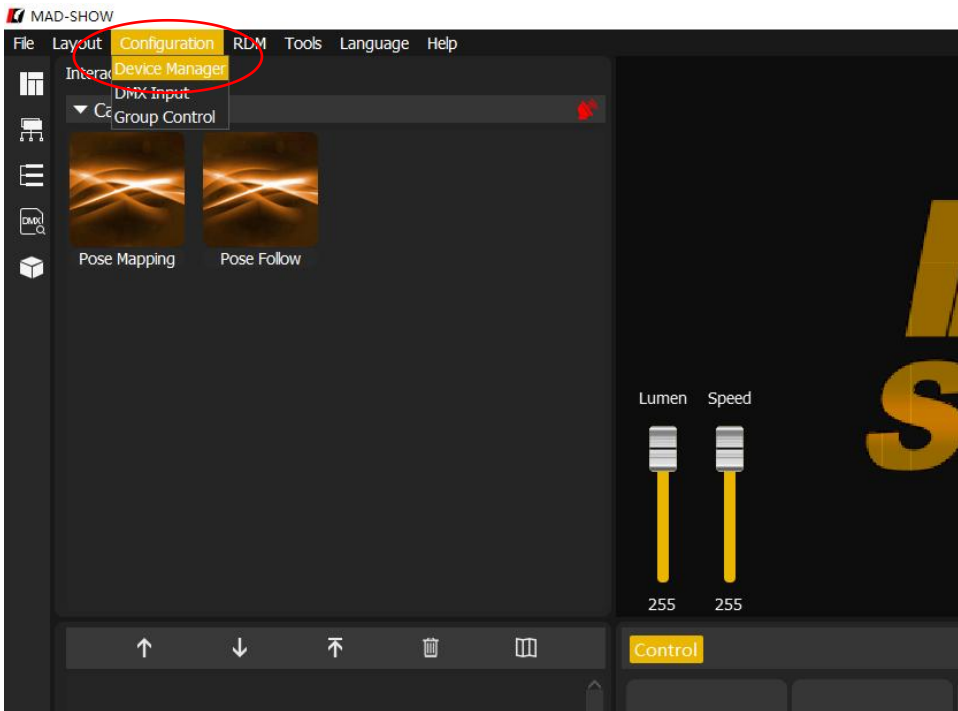
Click Edit, enter the network name: hondys-000 Network password: clen123456, click Save；

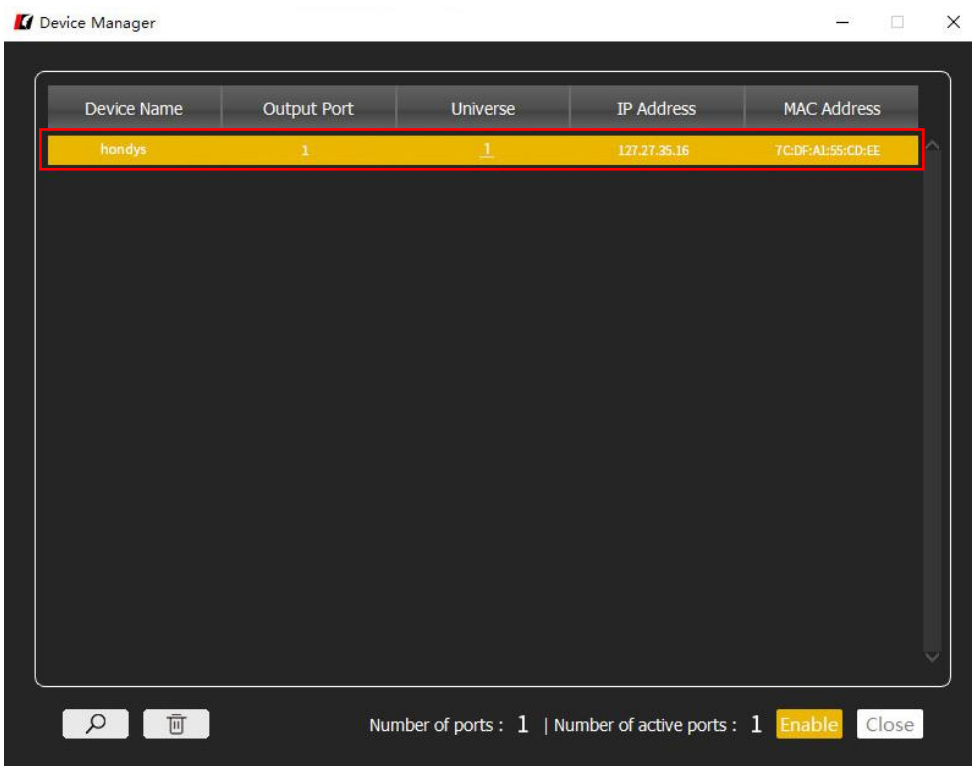The hotspot shows that 1/8-hondys-000 has been connected, that is, 1 piece led tube has been connected, and a total of 8pcs led tube can be connected；

(3) Open the software (take mad-show as an example), click Configure to open the device manager

interface;

Click the search button to search for the IP of the Color tube, and click Enable to connect (each Color tube

automatically assign different IP addresses)

The Color tube panel as shown below means the connection is successful:

Note: ①When multiple Color tube are cascaded, ID settings are required, for example: the first ID:1—1, the second ID:1—2, and so on;

②Each universe supports 128 pixels, each 1m Color tube is with 24 pixels, 24 pixel×5=120pixel,So the maximum that each universe supports is 5pcs 1m Color tube, and the IDs of the first to the fifth led tube should be set up to: 1—1, 1-2, 1-3, 1-4, 1-5; the IDs of the sixth to the tenth led tube should be set up to 2-1, 2-2 2-3, 2-4, 2-5;
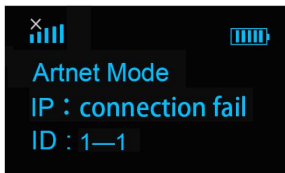

③When multiple led tubes are cascaded, amplifier can be used to expand the signal transmission range, and the number of connections can add 32 pcs more；

3. Manual Control

（1）Click the knob to turn on the Color tube;

HONDYS
V1.00

Enter Artnet mode by default；

Artnet Mode
IP：connection fail
ID：1—1

（2）①Click the knob to enter the menu ;

▶ ID
Account
Effect
Mix colors

②Rotate the knob to switch parameter options;

ID
Account
▶ Effect
Mix colors

（3）Click the knob again to enter the effect setting, and turn the knob to switch the pre-programmed effect;

ID
Account
▶ Effect
Mix colors

Alarm
▶ Breathing
Gradient

(4) Click the knob to exit the current menu bar and return to the previous interface;

Similarly, key parameters such as color tone, color temperature, brightness, speed, etc. of the Color tube can be set;

4. Console control

The Color tube and repeater are automatically connected, and the repeater is adjusted to DMX mode. The connection is successful when the signal lamp blinks and the console is connected to the repeater.

32PCS

Channel	Name	Figure	Instructions
1	Effect	0-255	17 kinds of dynamic lighting effects + 36 kinds of static lighting effects, 4 values for one lighting effect.
2	Speed	0-255	Adjust the speed, the larger the value, the faster the speed
3	Brightness	0-255	Adjust the brightness, the larger the value, the higher the brightness
4	R	0-255	Increase the red effect to the original effect, 0 is the original effect, 255 means that whole effect become red
5	G	0-255	Increase the green effect to the original effect, 0 is the original effect, 255 means that whole effect become green
6	B	0-255	Increase the blue effect to the original effect, 0 is the original effect, 255 means that whole effect become blue
7	W	0-255	Increase the white effect to the original effect, 0 is the original effect, 255 means that whole effect become white
8	Stroboscopic	128-255	When the value is less than 128, there is no strobe effect. When the value is greater than 128, the strobe flashes. Channel 2 can adjust the strobe speed.

Software Download

iOS users search for and download/install Hondys from the app store

Android users can scan and download/install via their browser..

Application scenarios

1. Creative modelling；
2. Auto show scene；
3. Park night view;

创意造型
Creative modelling

车展现场
Auto show scene

公园夜景
Park night view

Notice:

1. The lampshade of this product has the appearance of a Diameter 40PC round tube, avoid contact with corrosive environments and objects.

2. There are important components on both sides of the head of this product, please handle it with care and do not beat it;

3. This product has a built-in battery, pay attention to the use environment, fire and high temperature;

4. The charging voltage is 5V-20V, do not use high voltage charging;

5. Man-made damage and natural damage are not guaranteed by warranty;