

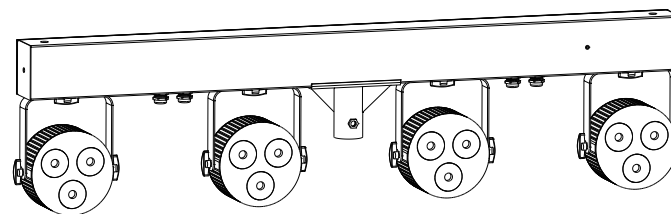
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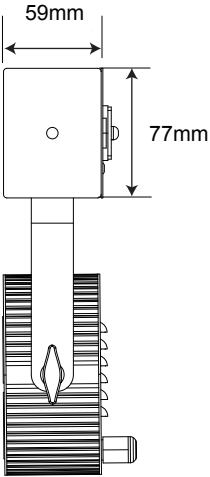
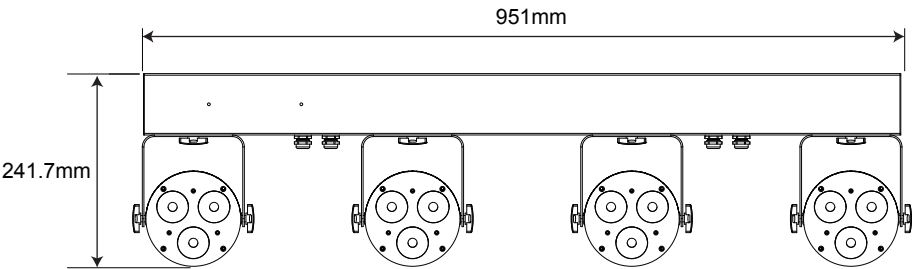
**LIGHT**

**T-BAR Lightset WLB**

Art nr: 942833



1.Mechanical Specification



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2. Introduction

**Unpacking:** Thank you for purchasing Scandlight T-BAR Lightset WLB. Every T-BAR Lightset WLB has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact.

**Introduction:** Scandlight T-BAR Lightset WLB is the newest revolutionary battery powered and main supply wireless controlled color changer with 12 powerful RGBW full color LEDs. This light can be used in a stand alone mode or connected in a Master/Slave configuration. Our rechargeable battery pack fixture, is particularly suitable for events where set - up time is problematic, and the passage of cables is hard. Setup and configuration of the fixture by touch control panel.

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact us.

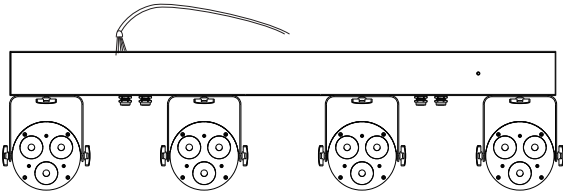
The battery life is one year.

PLEASE recycle the carton when ever possible.

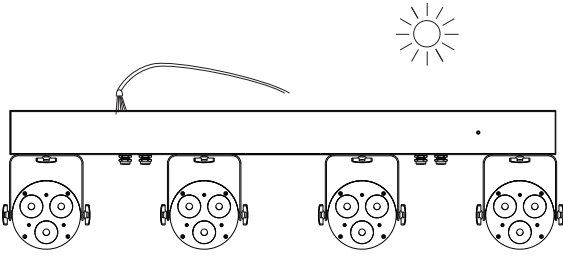
11. How to charge the battery

1. The battery life indicator located on the product displays the remaining amount of internal battery life. Use the chart below to find out how much battery life remains. From charging to full power, the color of indicator light is from yellow to green.

<div><div></div><div></div><div></div><div></div></div>	Full charge
<div><div></div><div></div><div></div><div></div></div>	75% charge
<div><div></div><div></div><div></div><div></div></div>	50% charge
<div><div></div><div></div><div></div><div></div></div>	25% charge
<div><div></div><div></div><div></div><div></div></div>	No charge



2. Light can be charged when using.



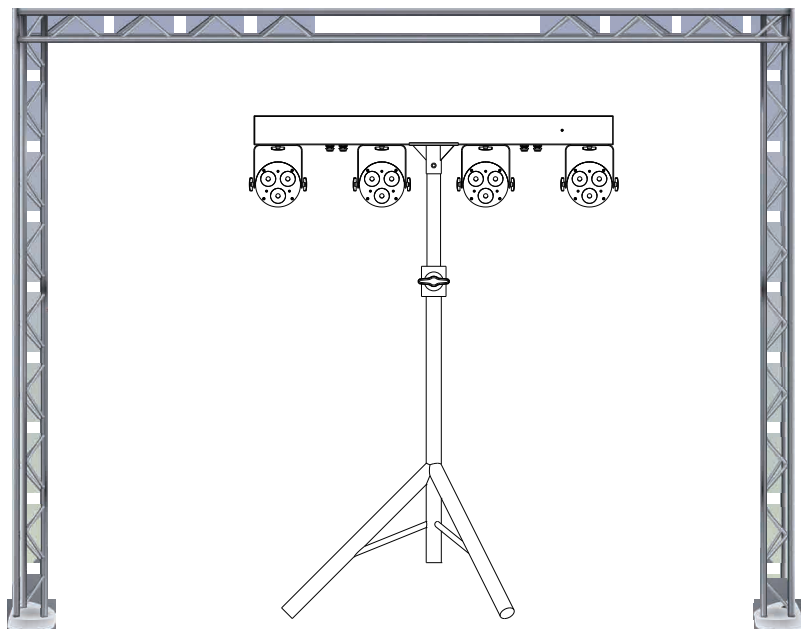


## 10. Mounting

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. and appropriate safety cable. Never stand directly below the unit when mounting, removing, or servicing the unit.

Overhead mounting requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and unit. If you lack these qualifications, do not attempt the installation yourself.

The installation should be checked by a skilled person once a year.



The Inno Pocket Spot is fully operational in two different mounting positions, hanging upside-down from a ceiling or set on a flat level surface. To avoid internal damage to the unit, never mount the unit on its side as illustrated above. Be sure this fixture is kept at least 0.5m away from any flammable materials (decoration etc.). And you'd better use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails (see next page).

## 3. Safety Information



t<sub>a</sub> 40°C

IP20



### • Installation

Make sure all parts for fixing the projector are in a good state of repair. Make sure the point of anchorage is stable before positioning the projector. The safety chain must be properly hooked onto the fitting and secured to the framework, so that, if the primary support system fails, the fitting falls as little as possible. If the safety chain gets used, it needs to be replaced with a genuine spare.

### • Minimum distance of illuminated objects

The projector needs to be positioned so that the objects hit by the beam of light are at least 0.2 metres (8") from the lens of the projector.

### • Minimum distance from flammable materials

The projector must be positioned so that any flammable materials are at least 0.20 metres (8") from every point on the surface of the fitting.

### • Mounting surfaces

It is permissible to mount the fitting on normally flammable surfaces.

### • Maximum ambient temperature

Do not use the project if ambient temperature (T<sub>a</sub>) exceeds 40°C.

### • IP65 protection rating

The equipment is fully protected against dust (first digit 6) and against jets of water (second digit 5).

### • Protection against electrical shock

Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the projectors from indirect contact and/or shorting to earth by using appropriately sized residual current devices.

### • Connection to the power mains

A qualified electrician must perform connection to the power mains. Check that the mains frequency and voltage correspond to the frequency and voltage for which the projector was designed and indicated on the electrical data label. This label also gives the input power. Refer to the latter to evaluate the maximum number of devices to be connected to the mains to avoid overloads.

### • Maintenance

Before starting any maintenance work or cleaning the projector, cut off power from the supply mains. After switching off, do not remove any parts of the fitting for at least 10 minutes. The lenses must be mounted and, if visibly damaged, they have to be replaced with genuine spares.

### • Battery

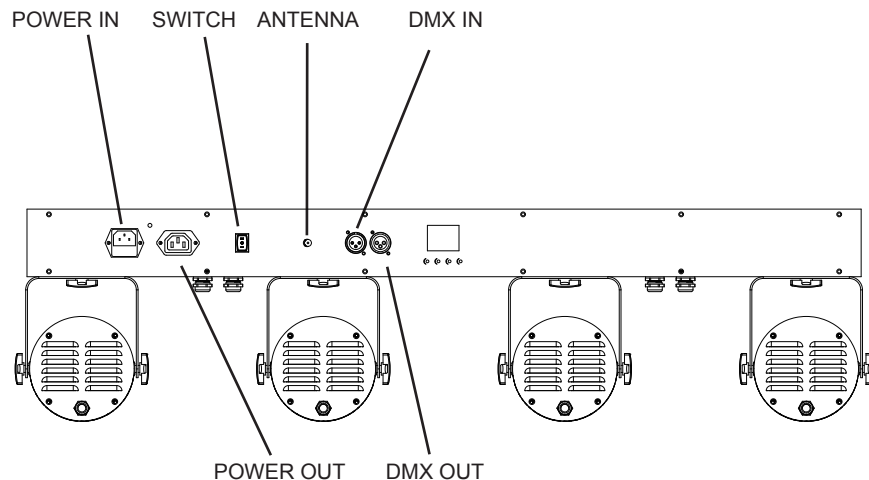
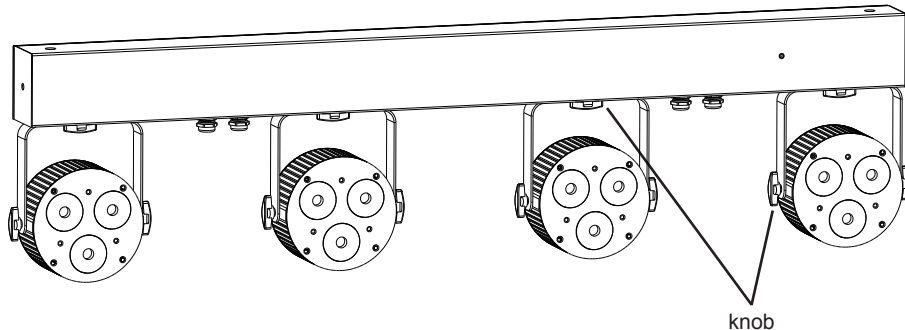
This product contains a lithium iron tetraphosphate rechargeable battery. To protect the environment, please discard the battery at the end of its life cycle according to current 40°C law.



The products referred to in this manual conform to the European Community Directives to which they are subject:

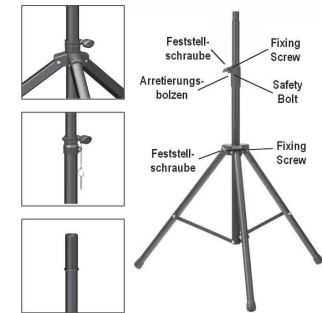
- Low Voltage Directive 2006/95/EC
- Electromagnetic Compatibility Directive 2004/108/EC

## 4. Product Overview



## 9. Installation

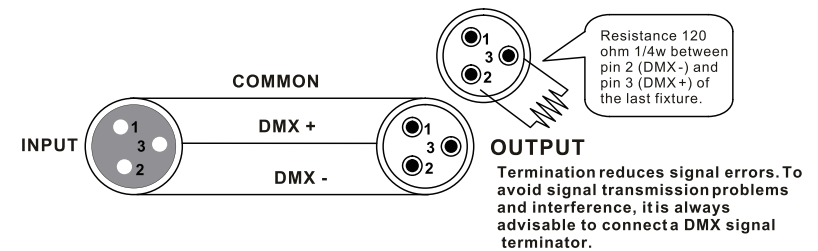
Place the stand on solid flat ground. Set the unit with 35mm flange on top of stand. Adjust the stand height and tighten all fixing screws. Additionally fix screws with safety bolts. Move LED PARs in direction you need and fix them with screws. Before you switch on power please crosscheck that all connections have been made properly.



## CABLE CONNECTORS

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.

### DMX connector configuration

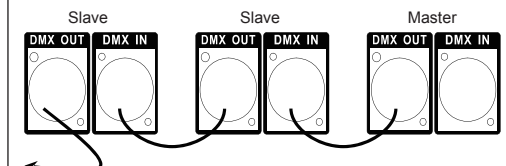


caution: Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

## Master/Slave Fixture Linking

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and soon.

Often, the setup for Master Slave and Standalone operation requires that the first fixture in the chain be initialized for this purpose via either settings in the control or DIP-switches. Secondly, the fixtures that follow may also require a slave setting. Please consult the "Operating instructions" section in this manual for complete instructions for this type of setup and configuration



## 5. Technic Data

### Optical

- Light Source: 12pcs\*6W 4 in 1 RGBW LEDs
- Max Power: 70W
- Lens: 25°

### Electrical

- Input Voltage: AC 100V-230V
- Power consumption: When the light is not charged: 55pcs 0.14A @ 230V / 32W max;  
25pcs 0.28A @ 110V / 31W max;  
When the light is charging: 36pcs 0.22A @ 230V / 51W max;  
16pcs 0.45A @ 110V / 50W max.

### Battery

- Capacity: 4pcs\*12.6V/1500mA
- Charge current: MAX 1.45A

### Control

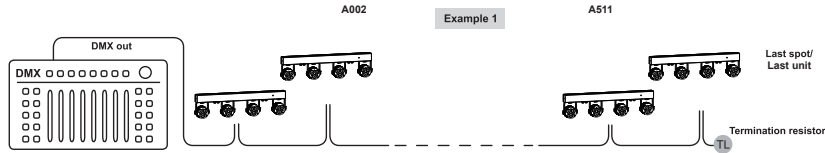
- 4,5,6,9,10 16 and 20 DMX channels selectable
- Full DMX512 control,
- Master/slave, Sound, Auto mode
- Wireless pedal

### Physical

- Professional compact case for good protection
- Light stand: maximum 2.8m
- TFT displayer with four buttons
- Material: Die-cast aluminium body
- IP20
- Temperature: -20°C-40°C
- Dimension: 951\*90.9\*241.7mm
- N.W: 10 KG

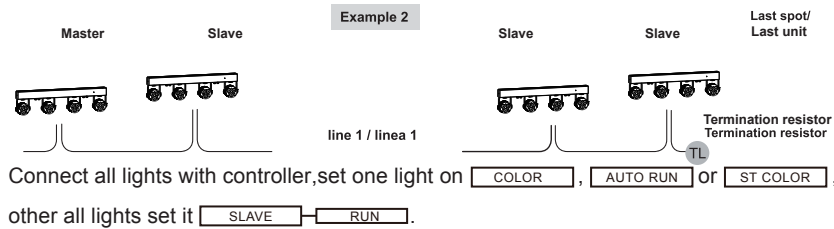
## 8. Connection

### 8.1 DMX connection



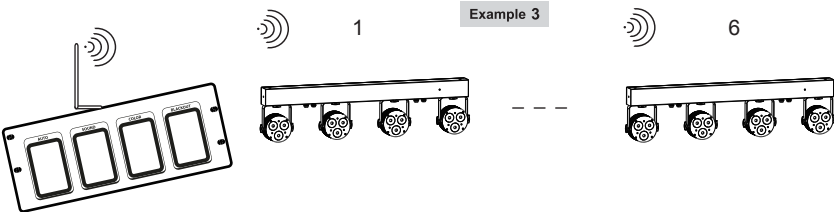
Connect all lights with controller, set all channels are same.

### 8.2 Master slave connection



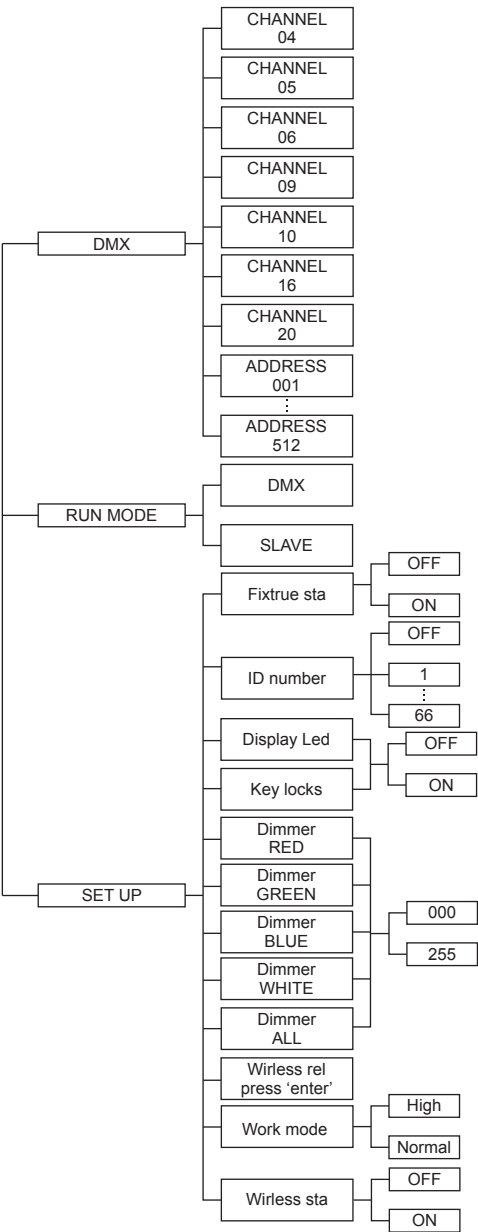
Connect all lights with controller, set one light on  ,  or  , other all lights set it  .

### 8.3 Wireless pedal connection



Attention: A wireless pedal can only control six lights at most.

# 6. Operating Instructions



## Mode 6: 16CH

DMX Channel	Value	Function
1	0 -255	LED-1R
2	0 -255	LED-1G
3	0 -255	LED-1B
4	0 -255	LED-1W
5	0 -255	LED-2R
6	0 -255	LED-2G
7	0 -255	LED-2B
8	0 -255	LED-2W
9	0 -255	LED-3R
10	0 -255	LED-3G
11	0 -255	LED-3B
12	0 -255	LED-3W
13	0 -255	LED-4R
14	0 -255	LED-4G
15	0 -255	LED-4B
16	0 -255	LED-4W

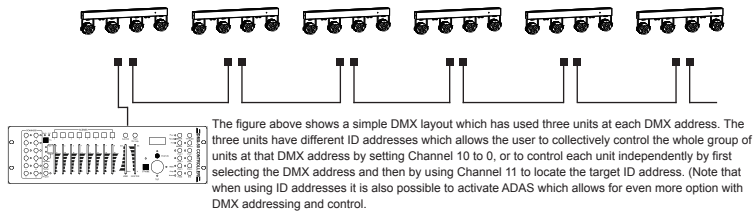
## Mode 7: 20CH

DMX Channel	Value	Function
1	0 -255	Master dimmer
2	0 -255	LED-1R
3	0 -255	LED-1G
4	0 -255	LED-1B
5	0 -255	LED-1W
6	0 -255	LED-2R
7	0 -255	LED-2G
8	0 -255	LED-2B
9	0 -255	LED-2W
10	0 -255	LED-3R
11	0 -255	LED-3G
12	0 -255	LED-3B
13	0 -255	LED-3W
14	0 -255	LED-4R
15	0 -255	LED-4G
16	0 -255	LED-4B
17	0 -255	LED-4W
18	0 -255	strobe
19	0 -255	auto mode and sound mode
20	0 -255	auto speed,sensitivity

## DMX-512 addressing with ID address

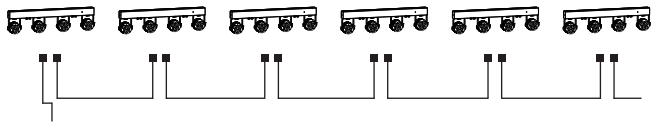
1. Follow instructions 1 for DMX 512 addressing.
  2. Activate ID addressing in each fixture by setting panel function "ID ON/OFF" to ON.
- "Settings" to "ID ON/OFF" to "ON" For every DMX 512 starting address the user can set 66 separate ID addresses. Set ID addresses in each fixture by setting panel function " ID address" to incremental values.(I.e. 1, 12, 24, 36 etc...) "Settings" to "address" to "01~66".

DMX address: 001 DMX address: 001 DMX address: 001 DMX address: 012 DMX address: 012 DMX address: 012  
ID address: 01 ID address: 02 ID address: 03 ID address: 01 ID address: 02 ID address: 03



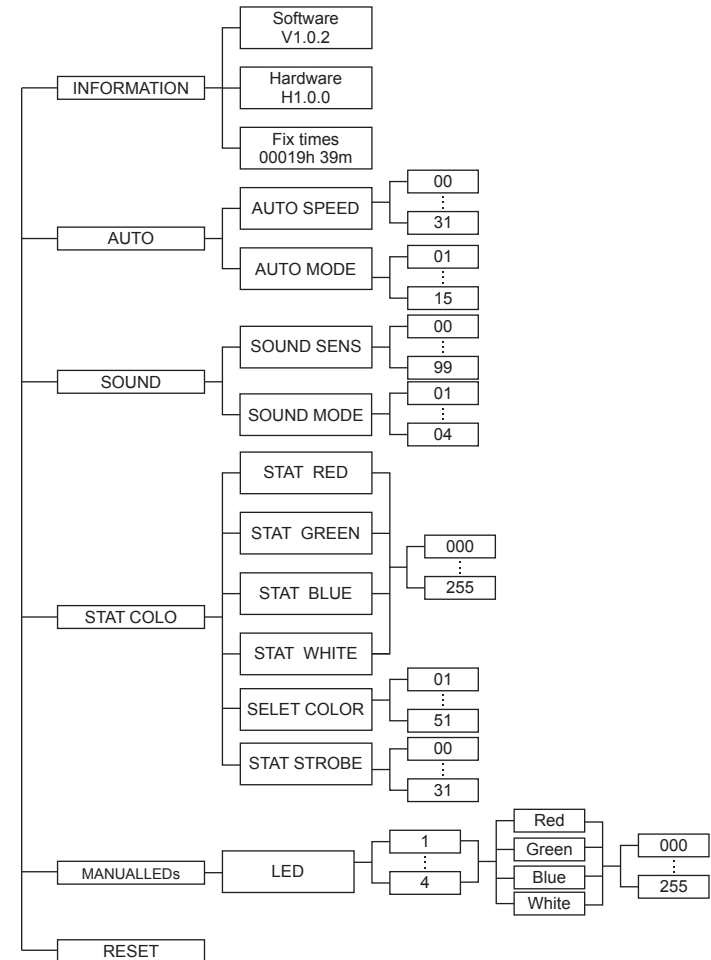
## UPLOAD

Master Slave Slave Slave Slave Slave



First, set one light, which involves the program you have edited in EDIT menu and want to upload, in Master mode, and others in Slave mode.

Then, connect all the lights with DMX cables. Finally, select the UPLOAD menu of the Master light and press ENTER. All the programs edited in the Master light will be uploaded to the Slave lights.



DMX-In this menu, you can connect several pieces of lights with DMX cable and control them with control console.

1. Press "ENTER" button and then "UP" or "DOWN" button until "DMX " is showed.
2. Press "ENTER" button, and "CHANNEL" or "ADDRESS" will be showed. Then press "ENTER".

1) "Channel [xx]" will be showed, "X" represents the showed DMX channel mode. You can press the "UP" or "DOWN" button to select your desired Channel mode.

2) "xxx" will be showed, "xxx" represents the showed address. You can press the "UP" or "DOWN" button to select your desired address.

RUN MODE-In this menu, you can select "DMX" mode or "SLAVE" mode.

1) In "SLAVE" mode, you can select one light as the MASTER light and other lights in "SLAVE" mode will run following the "MASTER" light.

1. Press "ENTER" button and then "UP" or "DOWN" button until "RUN MODE" is showed.
2. Press "ENTER" button, and "DMX" or "SLAVE" will be showed, then press "ENTER" to select your desired mode.

SET UP-In this menu, you can adjust the value of the function.

1. Press "ENTER" button and then "UP" or "DOWN" button until "SET UP" is showed.
2. Press "ENTER" button, and there will be seven options. Then, press "ENTER" to select the option and press "UP" or "DOWN" button to select the value you desire as below.

1) Fixtrue sta- In this item, you can select "ON" or "OFF". If you select "ON", the light will work. And if you select "OFF", the light will end the work.

2) ID number - You can select an ID Number in this menu. Then, you can adjust the value of channel 11 to the corresponding scope and control the light individually with control console.

3) Display Led - In this item, you can select "ON" or "OFF". If you select "ON", the display will be on all the time. And if you select "OFF", the display will extinguish about ten seconds later.

4) Key locks - You can select whether the password is on or off in this menu, and the password is [DOWN] + [UP] + [DOWN] + [UP]. If you select "on", then you have to input the password before pressing the buttons. Otherwise, the light won't respond to your order.

5) Dimmer Red-You can adjust the Red brightness in this menu.

6) Dimmer Green-You can adjust the Green brightness in this menu.

7) Dimmer Blue-You can adjust the Blue brightness in this menu.

8) Dimmer White-You can adjust the White brightness in this menu.

9) Dimmer ALL-You can adjust the brightness of each other color in this menu.

10) Work mode – you will see two items in it.

1. HIGH: when select for 100% dimmer working 5 hours.

2. NORMAL: when select for 80% dimmer working 8 hours.

11) Wireless sta- In this item, you can select "ON" or "OFF". If you select "ON", the wireless function will open. And if you select "OFF", the function will be closed.

## Mode 5: 10CH

DMX Channel	Value	Function
1	0 -255	Master dimmer
2	0 -255	red
3	0 -255	green
4	0 -255	blue
5	0 -255	white
6	0 -255	Dimmer1-Dimmer4
7	0 -8	no function
	9 -255	strobe from slow to fast
8	0 -255	auto mode and sound mode
9	0 -255	auto speed,sensitivity
10	0 -255	ID number

## Channel 10 (Id address set)

0--9	all Ids	170--179	Id17	223	Id34	240	Id51
10--19	Id1	180--189	Id18	224	Id35	241	Id52
20--29	Id2	190--199	Id19	225	Id36	242	Id53
30--39	Id3	200--209	Id20	226	Id37	243	Id54
40--49	Id4	210	Id21	227	Id38	244	Id55
50--59	Id5	211	Id22	228	Id39	245	Id56
60--69	Id6	212	Id23	229	Id40	246	Id57
70--79	Id7	213	Id24	230	Id41	247	Id58
80--89	Id8	214	Id25	231	Id42	248	Id59
90--99	Id9	215	Id26	232	Id43	249	Id60
100--109	Id10	216	Id27	233	Id44	250	Id61
110--119	Id11	217	Id28	234	Id45	251	Id62
120--129	Id12	218	Id29	235	Id46	252	Id63
130--139	Id13	219	Id30	236	Id47	253	Id64
140--149	Id14	220	Id31	237	Id48	254	Id65
150--159	Id15	221	Id32	238	Id49	255	Id66
160--169	Id16	222	Id33	239	Id50		

51	108 - 111	magenta 2
	112 - 115	blue 2
	116 - 119	med blue green
	120 - 123	dark blue
	124 - 127	bright pink
	128 - 131	medium blue
	132 - 135	golden amber
	136 - 139	deep golden amber
	140 - 143	pale lavender
	144 - 147	apricot
	148 - 151	dark lavender
	152 - 155	chocolate
	156 - 159	just blue
	160 - 163	surprise pink
	164 - 167	scarlet
	168 - 171	surprise peach
	172 - 175	fire
	176 - 179	english rose
	180 - 183	mauve
	184 - 187	bright blue
	188 - 191	alice blue
	192 - 195	rose indigo
	196 - 199	urban blue
	200 - 203	cool blue
	204 - 207	Light salmon
	208 - 211	mayan sun
	212 - 215	cherry rose
	216 - 219	flesh pink
	220 - 223	skelton exotic sangria
	224 - 255	amber

INFORMATION - In this menu, you can learn about the information of software, hardware and the working time of the light.

1. Press "ENTER" button and then "UP" or "DOWN" button until "INFORMATION" is showed.
2. Press "ENTER" button, and "Software" "Hardware" or "Fix times" will be showed. Then press "ENTER", and you can see three items as below:
  - 1) Software - This item displays the Software information.
  - 2) Hardware - This item displays the Hardware information.
  - 3) Fix times - This item displays the working hours about the light.

Auto - In this menu you can select your desired Auto mode.

1. Press the "MENU" button and "UP" button or "DOWN" button until "Auto" is showed, then press "ENTER".
2. "Auto xx" now is showed. You can press "UP" or "DOWN" button to select your desired auto mode. Then press "ENTER" to adjust the speed of the Auto mode from speed 00 to speed 31.

Sound - In this menu, you can select your desired sound mode.

1. Press the "MENU" button and "UP" button or "DOWN" button until "Sound" is showed, then press "ENTER".
2. "Sound x" now is showed, and you can select sound mode by pressing "UP" or "DOWN" button. Then press "ENTER" to adjust the sensitivity of the sound mode from 00 to 99.

STAT COLOR-In this menu, you can adjust the value of static color and strobe speed as you like.

1. Press "ENTER" button and then "UP" or "DOWN" button until "STAT COLOR" is showed.
2. Press "ENTER" button, and there are six options. Then press "ENTER" to select the option and press "UP" or "DOWN" button to select the value you desire as below:
  - 1) STAT Red-You can adjust the Red brightness in this menu.
  - 2) STAT Green-You can adjust the Green brightness in this menu.
  - 3) STAT Blue-You can adjust the Blue brightness in this menu.
  - 4) STAT White-You can adjust the White brightness in this menu.
  - 5) SELECT COLOR - You can select the 51 color in this menu.
  - 6) STAT STROB - You can adjust the strobe speed in this menu.

RESET-In this menu, you can reset all the value of the system.

1. Press "ENTER" button and then UP or DOWN button until "RESET" is showed.
2. Press the ENTER button to reset all the value of the system.

## 7. DMX control mode

### Mode 1: 4CH

DMX Channel	Value	Function
1	0 -255	Hue
2	0 -255	Staturation
3	0 -255	Value(brightness)
4	0 -255	Dimmer1-Dimmer4

### Mode 2: 5CH

DMX Channel	Value	Function
1	0 -255	red
2	0 -255	green
3	0 -255	blue
4	0 -255	white
5	0 -255	Dimmer1-Dimmer4

### Mode 3: 6CH

DMX Channel	Value	Function
1	0 -255	Master dimmer
2	0 -255	red
3	0 -255	green
4	0 -255	blue
5	0 -255	white
6	0 -255	Dimmer1-Dimmer4

### Mode 4: 9CH

DMX Channel	Value	Function
1	0 -255	Master dimmer
2	0 -255	red
3	0 -255	green
4	0 -255	blue
5	0 -255	white
6	0 -255	Dimmer1-Dimmer4
7	0 -255	Different colourmacros 36
8	0 -255	51 colos
9	0-8	no function
	9-255	strobe from slow to fast

51	0 - 19	none
	20 - 23	red
	24 - 27	green
	28 - 31	blue
	32 - 35	yellow
	36 - 39	cyan
	40 - 43	magenta
	44 - 47	white
	48 - 51	orange
	52 - 55	pink
	56 - 59	violet
	60 - 63	aquamarine
	64 - 67	sky blue
	68 - 71	full white
	72 - 75	cool white
	76 - 79	warm white
	80 - 83	white 3200
	84 - 87	white 2500
	88 - 91	yellow 2
	92 - 95	straw
	96 - 99	orange 2
	100 - 103	light rose
	104 - 107	dark pink