PAR LED 18X10W
CW+WW

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any
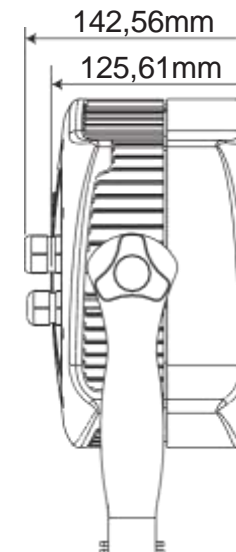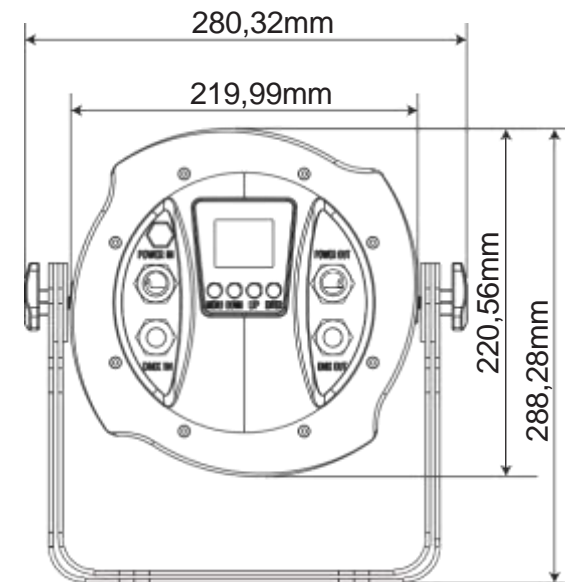
prior written notice.

Packaging: All the lights have been checked and are in excellent operating condition. Please check the shipping carton first because there may be damage that occurred during the shipment. Then check the lights carefully and be sure that the lights is intact and work normally. In the event damage has been found, spare parts are missing, or the lights work abnormally, please contact us for further instructions. And please don't return the lights to the dealer before contacting us.

Introduction: three operating modes: DMX mode, Auto mode and Master/Slave mode. And the lights has five DMX modes, including channel 1, channel 2, channel 3, channel 4 and channel 7. There are nine built-in Auto programs and you can see nine kinds of shows when you open the Auto mode. Meanwhile, you can edit your desired Auto program in "EDIT" menu. In addition, you can connect several pieces of lights in DMX mode and set one in Auto mode, and the others in Master/Slave mode. And then all the lights in Master/Slave mode will run following the one in Auto mode. Using fog or special effect smoke, you can see better showing effect.
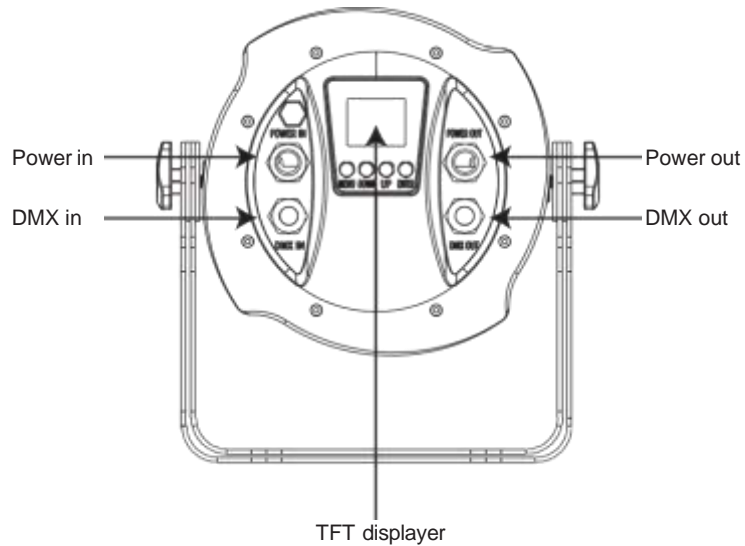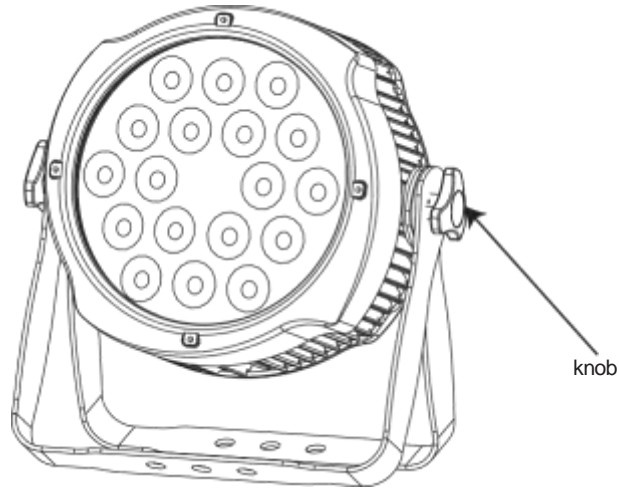
Warning!
1. Don't expose the lights to rain or moisture, for the sake of preventing the risk of electrical shock or fire.
2. Don't look directly at the opening lights all the time, or it may damage your eyes.

Mechanical Specification

Mechanical Specification

knob

Power in

DMX in

Power out

DMX out

TFT displayer

Features

Optical
● Light Source: 18 * 10W CW/WW LEDs

Electrical
● Power consumption: 120W
● Voltage: 100V -240V, 50/60Hz

Control
● Run Mode: DMX 512 /Master Slave/Auto Run
● Maximum 66 ID setting for easy separate control
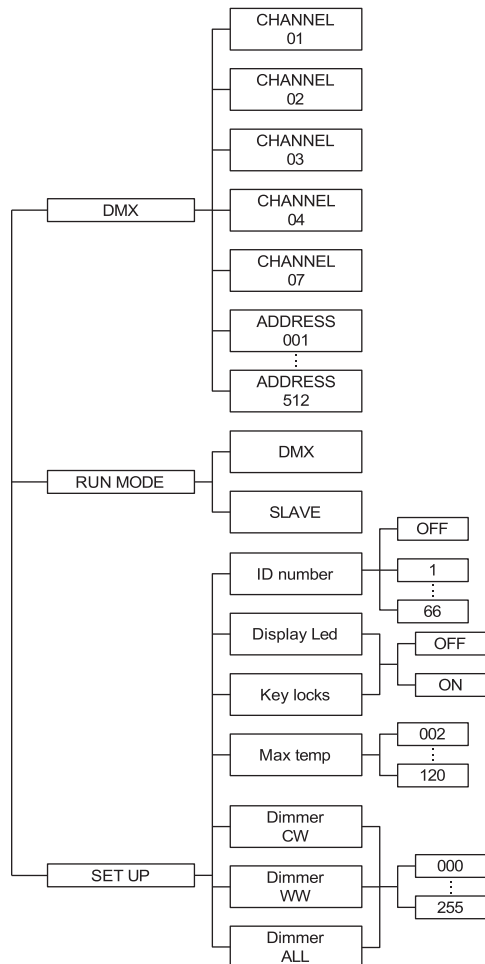● DMX Channels: 1,2, 3, 4 & 7CH

Dynamic Effects
● 10 internal programs and 10 custom programs
● 11 kinds of color temperature white
● Built-in Effect: color mixing, variable color chasing, strobing and fading.

Physical
●Black housing
●Material: Aluminum body
●Power on AC IN/OUT
● TFT displayer with four buttons
● IP20
● Temperature: -30℃~45℃
● Dimension: 280.32 X 142.56 X 288.28 mm
● N.W: 5 KG
● G.W: 6 KG

Programme Menu

```
                    ┌─────────────┐
                    │  CHANNEL    │
                    │    01       │
                    ├─────────────┤
                    │  CHANNEL    │
                    │    02       │
                    ├─────────────┤
                    │  CHANNEL    │
                    │    03       │
          ┌──────┐  ├─────────────┤
          │ DMX  │──│  CHANNEL    │
          └──────┘  │    04       │
                    ├─────────────┤
                    │  CHANNEL    │
                    │    07       │
                    ├─────────────┤
                    │  ADDRESS    │
                    │    001      │
                    │     ⋮       │
                    ├─────────────┤
                    │  ADDRESS    │
                    │    512      │
                    └─────────────┘

          ┌──────────┐  ┌──────┐
          │ RUN MODE │──│ DMX  │
          └──────────┘  ├──────┤
                        │SLAVE │
                        └──────┘

                                      ┌──────┐
                        ┌──────────┐  │ OFF  │
                        │ID number │──├──────┤
                        └──────────┘  │  1   │
                                      │  ⋮   │
                                      │  66  │
                        ┌──────────┐  └──────┘
                        │Display Led│  ┌──────┐
                        └──────────┘──│ OFF  │
                        ┌──────────┐  ├──────┤
                        │ Key locks│──│  ON  │
                        └──────────┘  └──────┘
          ┌────────┐                  ┌──────┐
          │ SET UP │    ┌──────────┐  │ 002  │
          └────────┘    │ Max temp │──├──────┤
                        └──────────┘  │  ⋮   │
                                      │ 120  │
                        ┌──────────┐  └──────┘
                        │ Dimmer   │
                        │   CW     │
                        ├──────────┤  ┌──────┐
                        │ Dimmer   │  │ 000  │
                        │   WW     │──├──────┤
                        ├──────────┤  │  ⋮   │
                        │ Dimmer   │  │ 255  │
                        │   ALL    │  └──────┘
                        └──────────┘
```
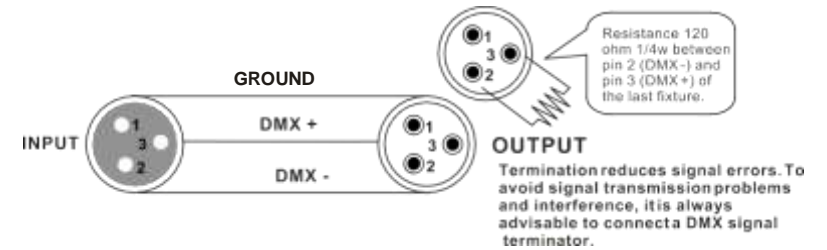
CABLE CONNECTORS

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 ground and the fixture's chassis ground. Grounding the ground can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify positive pole and to make sure the pins are not grounded or shorted to the shield or each other.

3-PIN TO 5-PIN CONVERSION CHART

Note! If you use a controller with a 5 pin DMX output connector, you need to use a 5 pin to 3 pin adapters. The chart below details a proper cable conversion:
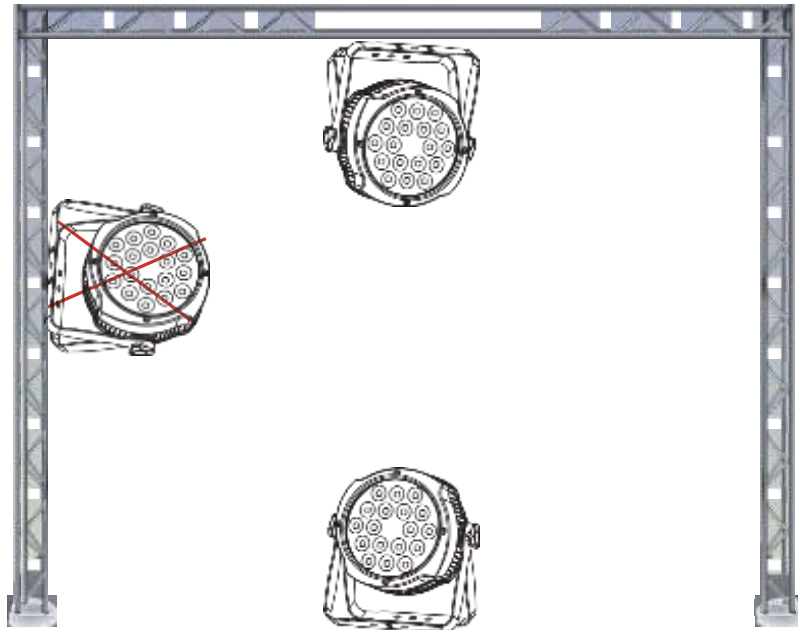
3-PIN TO 5-PIN CONVERSION CHART

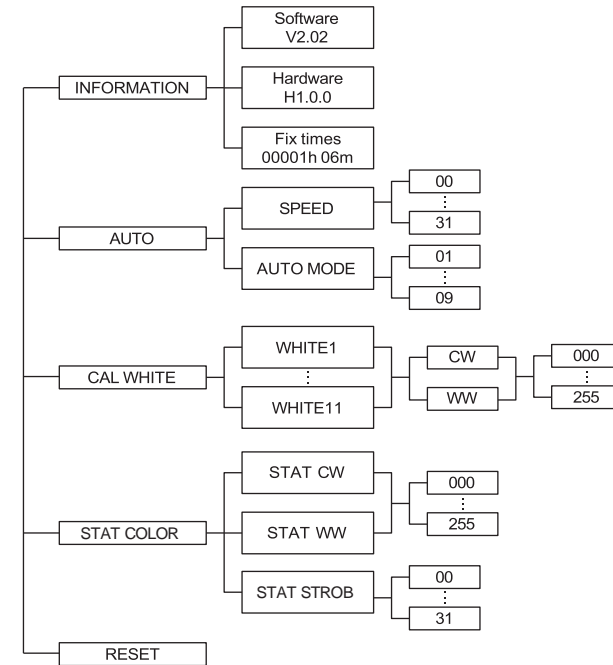| Conductor	3 Pin Female (output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data (-) signal	Pin 2	Pin 2
Data (+) signal	Pin 3	Pin 3
Do not use		Do not use
Do not use		Do not use

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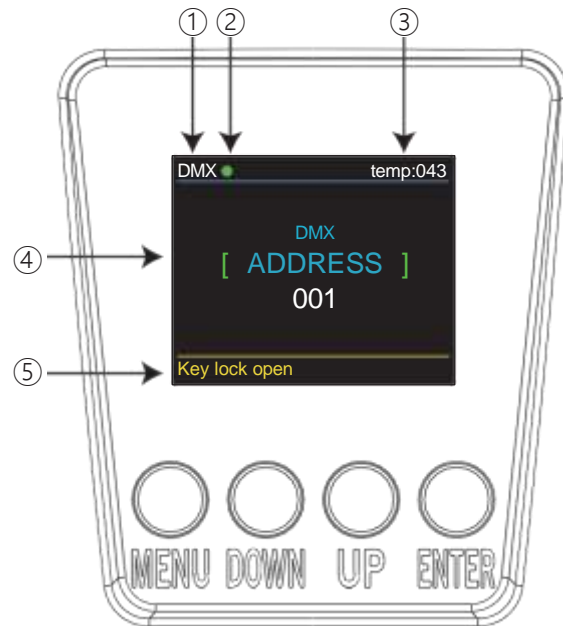
The installation should be checked by a skilled person once a year.

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).

INFORMATION
- Software V2.02
- Hardware H1.0.0
- Fix times 00001h 06m

AUTO
- SPEED → 00 ... 31
- AUTO MODE → 01 ... 09

CAL WHITE
- WHITE1 ... WHITE11 → CW / WW → 000 ... 255

STAT COLOR
- STAT CW → 000 ... 255
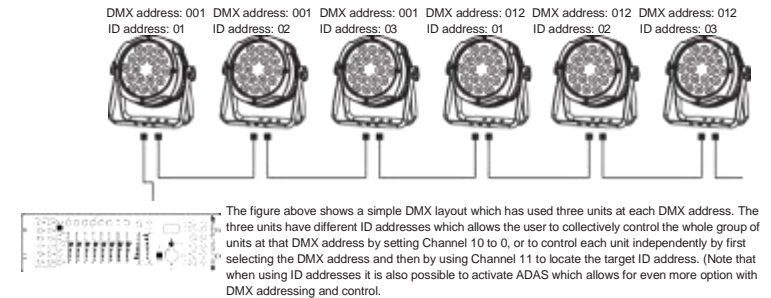- STAT WW
- STAT STROB → 00 ... 31
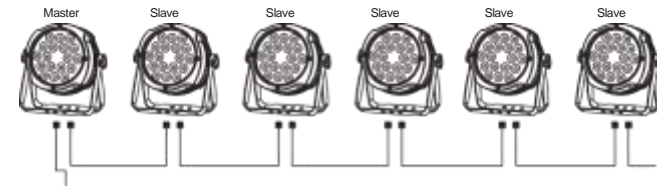
RESET

Displayer introduction

1. DMX means the light is in the DMX mode. Similarly, SLAVE means the light is in the SLAVE mode.

2. The color of the point shows the condition of signal transmission. Green represents the good condition, while red represents the signal is interrupted.

3. The item shows the working temperature of the light. When the working temperature exceeds the max temperature, the color of the letters and number will change from white to yellow.

4. This item shows the menu you selected.

5. This item shows the condition of key lock. "Key lock open" means the key lock is open. And "Key lock off" means the key lock is close.

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.(l.e. 1, 12, 24, 36 etc...) "Settings" to "address" to "01~66".

The figure above shows a simple DMX layout which has used three units at each DMX address. The three units have different ID addresses which allows the user to collectively control the whole group of units at that DMX address by setting Channel 10 to 0, or to control each unit independently by first selecting the DMX address and then by using Channel 11 to locate the target ID address. (Note that when using ID addresses it is also possible to activate ADAS which allows for even more option with DMX addressing and control.

UPLOAD

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 7 channel

channel	value	function
1	0 -255	0 = Off 1 - 255 = Master dimmer
2	0 -255	Adjust cool white LEDs Dimmer low to high
3	0 -255	Adjust warm white LEDs Dimmer low to high
4	0 -255	strobe（0Hz—20Hz）
5	0 – 31	No function
	32 – 63	Setting color temperature up dimmer
	64 – 95	Setting color temperature down dimmers
	96 – 127	Setting color temperature up/down dimmer
	128 – 159	Color temperature fade
	160 – 191	Cool white and warm white loop change
	192 – 255	Cool white up/down dimmer and warm white up/down dimmer
6	0-255	Four auto mode speed adjust
7	0-255	Id address set

Channel 7 (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		

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 shown.
2. Press "ENTER" button, and "CHANNEL" or "ADDRESS" will be shown. Then press ENTER.
1) "Channel [xx]" will be shown, "X" represents the shown DMX channel mode. You can press the UP or DOWN button to select your desired Channel mode.
2) "xxx" will be showed, "x" 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. 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 shown.
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 shown.
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) 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 the control console.
2) Display Led - In this item, you can select "ON" or "OFF". If you select ON, the displayer will be on all the time. And if you select OFF, the displayer will extinguish about ten seconds later.
3) 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.
4) Max temp - You can set the your desired Max working temperature about the light in this menu. When the working temperature of the light exceeds the Max temperature, the color of letter "Temp xx" showed in the menu will change from white to yellow. Meanwhile, the light will adjust the working temperature automatically.
5) Dimmer CW - You can adjust the CW brightness in this menu.
6) Dimmer WW - You can adjust the WW brightness in this menu.
7) Dimmer ALL - You can adjust the brightness of each color in this menu.

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 shown.
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 for light.

AUTO-In this menu, you can select your desire AUTO mode and adjust the running speed.
1. Press "ENTER" button and then UP or DOWN button until "AUTO" is shown.
2. Press "ENTER" button, and "SPEED" or "AUTO MODE" will be showed. Then press ENTER,
and you can see two items as below:
1) SPEED - You can select your desired speed in this menu.
2) AUTO MODE - You can select your desired auto mode in this menu.

CAL WHITE-In this menu, you can adjust the value of 11 different white colors.
1. Press "ENTER" button and then UP or DOWN button until "CAL WHITE" is shown.
2. Press "ENTER" button, and there are 11 pre-programmed White colors that can be edited by
adjusting the value of "CW" and "WW".

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 shown.
2. Press "ENTER" button, and there are three options. Then press ENTER to select the option and
press UP or DOWN button to select the value you desire as below:
1) STAT CW - You can adjust the CW brightness in this menu.
2) STAT WW - You can adjust the WW brightness in this menu.
3) STAT STROB - You can adjust the strobe speed in this menu.

RESET-In this menu, you can reset all the values of the system.
1. Press "ENTER" button and then UP or DOWN button until "RESET" is shown.
2. Press the ENTER button to reset all the value of the system.

DMX control mode

DMX 1 channel

channel	value	function
1	0 - 255	Adjust color temperature(Cool white and warm white)

DMX 2 channel

channel	value	function
1	0 - 255	Adjust master Dimmer low to high
2	0 - 255	Adjust color temperature(Cool white and warm white)

DMX 3 channel

channel	value	function
1	0 - 255	0 = Off 1 - 255 = Master dimmer
2	0 - 255	Adjust cool white LEDs Dimmer low to high
3	0 - 255	Adjust warm white LEDs Dimmer low to high

DMX 4 channel

channel	value	function
1	0 - 255	0 = Off 1 - 255 = Master dimmer
2	0 - 255	Adjust cool white LEDs Dimmer low to high
3	0 - 255	Adjust warm white LEDs Dimmer low to high
4	0 - 255	strobe（0Hz—20Hz）