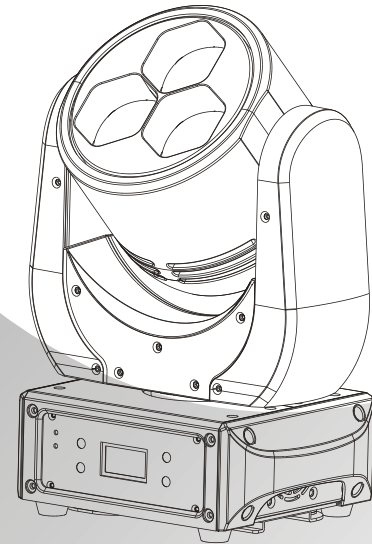


# **PLUTO 800XE**

## **USER MANUAL**



**SS636**

**SILVER STAR**  
Professional Lighting

[www.yajiang.cn](http://www.yajiang.cn)

RD-SS636-SM-00(SS-I)

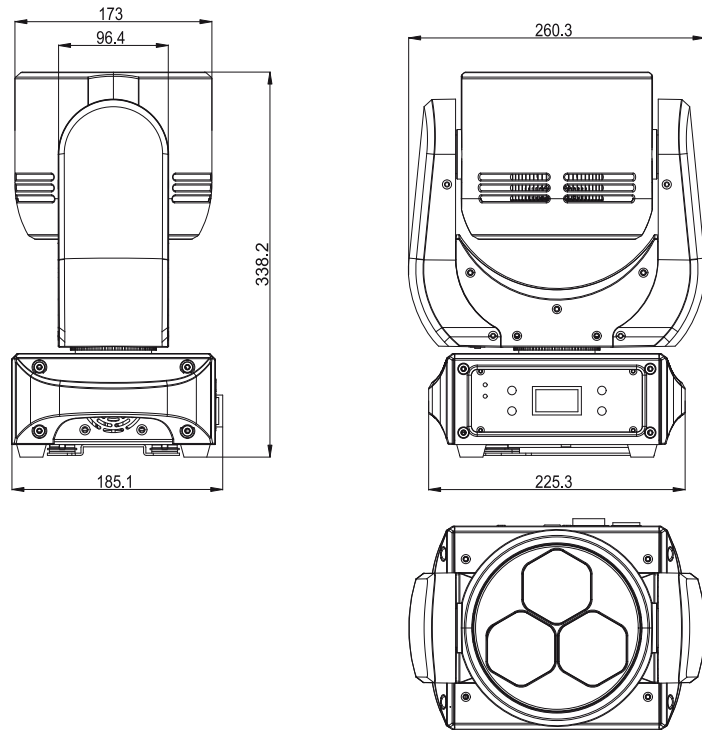
# 1 PRODUCT SPECIFICATIONS

## 1.1 PRODUCT SPECIFICATIONS

### Electrical

- ◆ Voltage: AC100~240V, 50/60Hz
- ◆ Max Power: 140W
- ◆ Size: 338x260x185mm
- ◆ Weight: 6.2kg

## 1.2 PRODUCT FEATURES



CHANNEL	VALUE	FUNCTION
10	0 ↔ 255	RED 1
11	0 ↔ 255	GREEN1
12	0 ↔ 255	BLUE1
13	0 ↔ 255	White1
14	0 ↔ 255	RED2
15	0 ↔ 255	GREEN2
16	0 ↔ 255	BLUE2
17	0 ↔ 255	White 2
18	0 ↔ 255	RED3
19	0 ↔ 255	GREEN3
20	0 ↔ 255	BLUE3
21	0 ↔ 255	White3

### 1.3 SAFETY WARNING

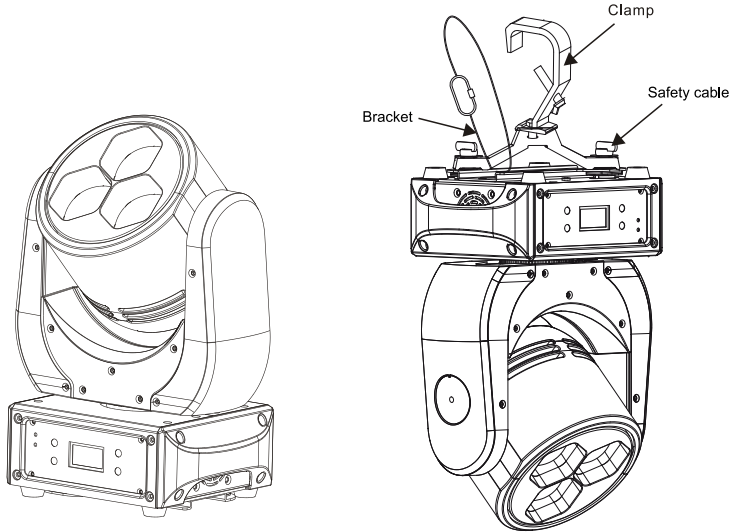
#### IMPORTANT:

- This product must be installed by a qualified professional.
- All maintenance must be carried out by a qualified electrician.
- A minimum distance of 0.5m must be maintained between the equipment and a combustible surface.
- The product must always be operated in a well ventilated area.
- DO NOT stare directly into the LED light source.
- Always disconnect the power before carrying out any maintenance.
- The earth must always be connected to the ground.
- Ensure that all parts of the equipment are kept clean and free of dust.

## 2 INSTALLATION

### 2.1 MOUNTING:

- The fixture can be mounted in any position.
- Always ensure that mounting surface can withstand 10 times the weight of the fixture.
- Always use a safety cable when mounting the fixture in any elevated position.



#### **IMPORTANT SAFETY NOTE!!**

Always use a safety cable when installing this unit!!  
Be sure that the safety cable is connected to a solid load-bearing structure.

PIXEL		
CHANNEL	VALUE	FUNCTION
1	0 ⇔ 255	PAN
2	0 ⇔ 255	PAN FINE
3	0 ⇔ 255	TILT
4	0 ⇔ 255	TILT FINE
5	0 ⇔ 255	PT SPEED
6	0 ⇔ 255	DIMMER
7		STROBE
	0 ⇔ 9	NO FUNCTION
	10 ⇔ 99	STROBE FROM ( SLOD TO FAST , 0-25Hz )
	100 ⇔ 109	NO FUNCTION
	110 ⇔ 179	LIGHTNING STROBE
	180 ⇔ 189	NO FUNCTION
	190 ⇔ 255	RANDOM SROBE
8	0 ⇔ 255	ZOOM
9		CONTROL
	0 ⇔ 9	NO FUNCTION
	10 ⇔ 19	PAN/TILT BLACK ACTIVATED
	20 ⇔ 29	PAN/TILT BLACK DEACTIVATED
	30 ⇔ 39	FAN SLOW
	40 ⇔ 49	FAN NORMAL
	50 ⇔ 59	FAN FAST
	60 ⇔ 69	FAN AUTO
	70 ⇔ 79	AUTO1
	80 ⇔ 89	AUTO2
	90 ⇔ 99	CUSTOM
	100 ⇔ 109	TEST
	110 ⇔ 119	RESET
	120 ⇔ 129	NO FUNCTION
	130 ⇔ 139	DIM0
	140 ⇔ 149	DIM1
	150 ⇔ 159	DIM2
	160 ⇔ 169	DIM3
170 ⇔ 179	DIM4	
180 ⇔ 255	NO FUNCTION	



## Pixel effect function

After reset , the fixture head direction is the position of 1-3 LED chips



STATIC 1



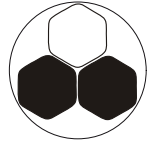
STATIC 2



STATIC 3



STATIC 4



STATIC 5



STATIC 6



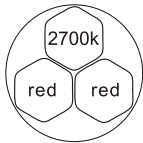
STATIC ALL



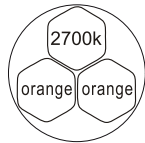
RING1



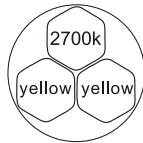
RING2



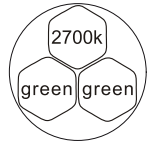
RED-2700K



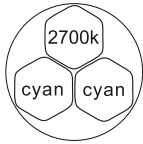
ORANGE-2700K



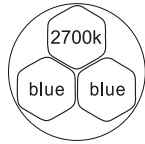
YELLOW-2700K



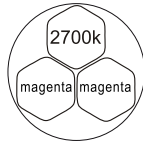
GREEN-2700K



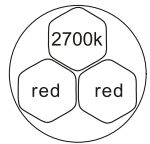
CYAN-2700K



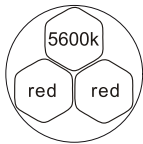
BLUE-2700K



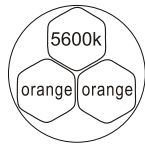
MAGENTA-2700K



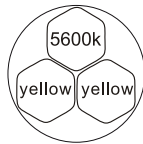
RED-2700k



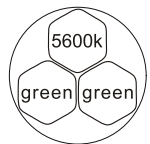
RED-5600K



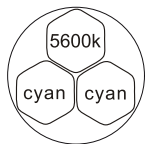
ORANGE-5600K



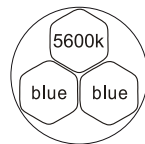
YELLOW-5600K



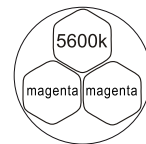
GREEN-5600K



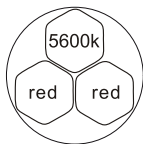
CYAN-5600K



BLUE-5600K



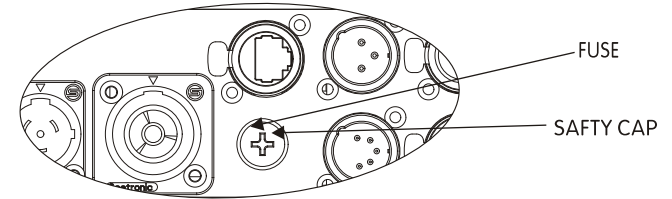
MAGENTA-5600K



RED-5600k

## 2.2 FUSE REPLACEMENT

- Remove the safety cap by a screwdriver.
- Fetch the old fuse from safety cap.
- Install a new fuse.
- Install the safety cap.



## 2.3 POWER CONNECTIONS

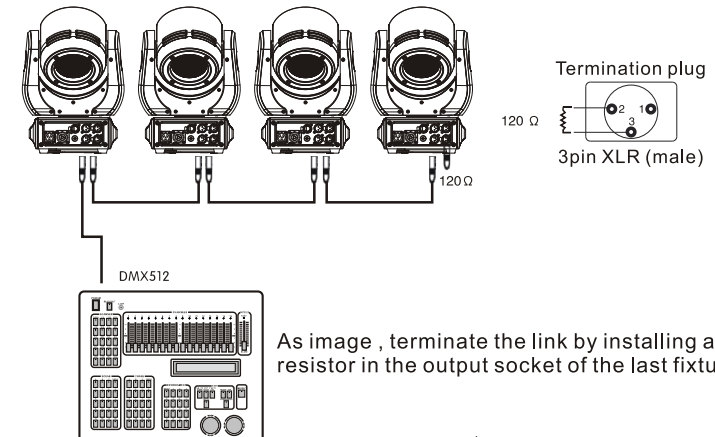
- 220~240V: 14 units may be connected in series
- 110~120V: 7 units may be connected in series

### Note:

If the signal cable is over 60m between the DMX512 controller and fixture or between two fixtures, then a DMX signal amplifier is needed as well.

## 2.4 Connect main controller with several fixtures

When connect main controller with several fixtures , please Terminate the link by installing a termination plug in the output socket of the last fixture. The termination plug, which is a male XLR plug with a 120 Ohm, 0.25 Watt resistor soldered between pins 2 and 3, soaks up the control signal so it does not reflect and cause interference.

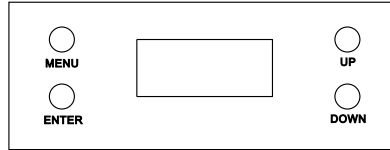


As image , terminate the link by installing a 120 Ohm resistor in the output socket of the last fixture.

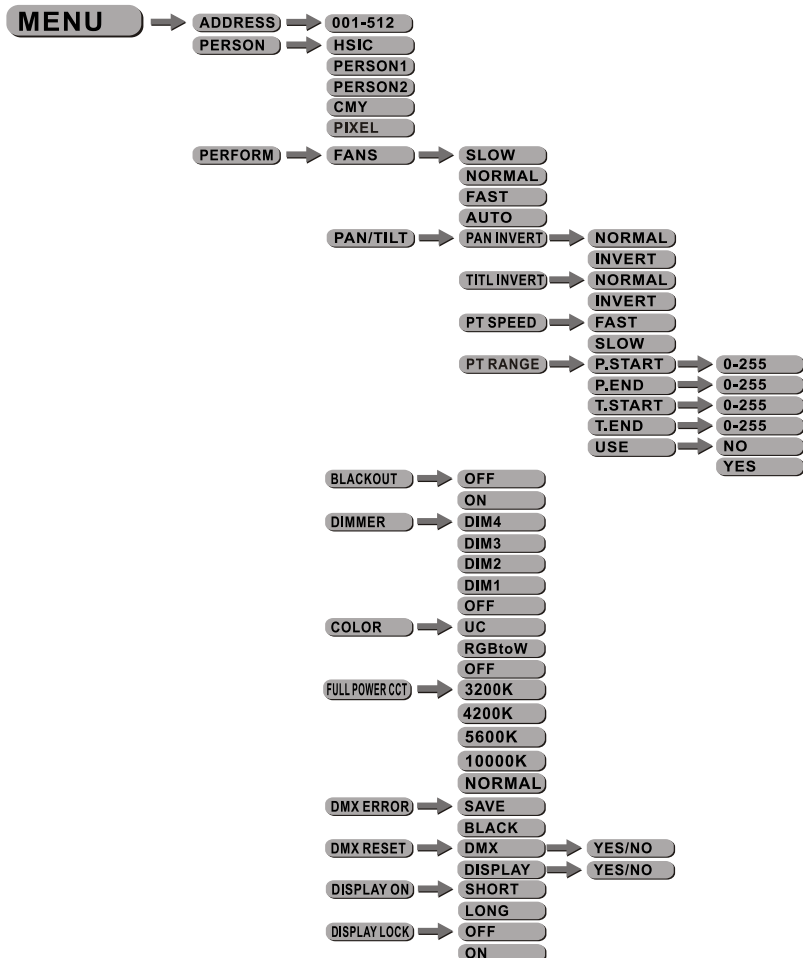
# 3 DISPLAY PANEL OPERATION

## 3.1 DISPLAY OPERATION

- ◆ MENU: BACK;  
(Start display screen when press 3 seconds)
- ◆ ENTER: ENTER OR SAVE;
- ◆ DOWN: DOWN;
- ◆ UP: UP;



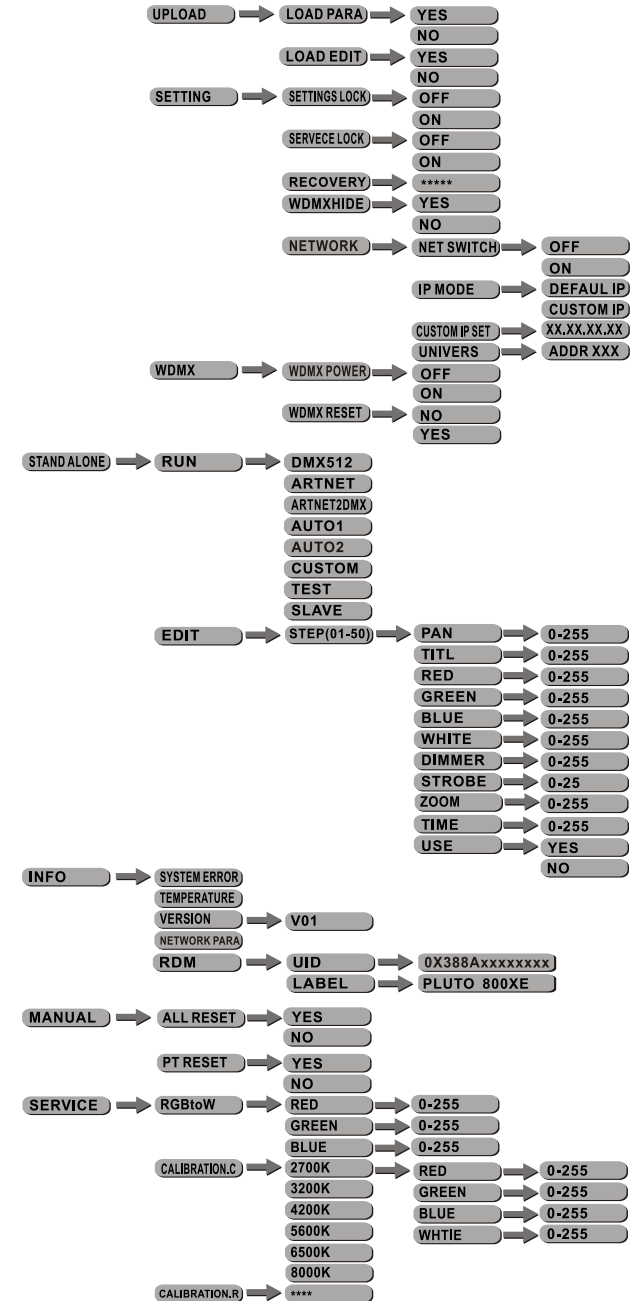
## 3.2 MENU MAP



CHANNEL	VALUE	FUNCTION
11	160 ↔ 169	MAGENTA-2700K
	170 ↔ 179	RED-2700k
	180 ↔ 189	RED-5600K
	190 ↔ 199	ORANGE-5600K
	200 ↔ 209	YELLOW-5600K
	210 ↔ 219	GREEN-5600K
	220 ↔ 229	CYAN-5600K
	230 ↔ 239	BLUE-5600K
	240 ↔ 249	MAGENTA-5600K
250 ↔ 255	RED-5600K	
12	0 ↔ 255	AUTO SPEED SLOW TO FAST
13		STROBE
	0 ↔ 9	NO FUNCTION
	10 ↔ 99	STROBE FROM ( SLOD TO FAST , 0-25Hz )
	100 ↔ 109	NO FUNCTION
	110 ↔ 179	LIGHTNING STROBE
14	180 ↔ 189	NO FUNCTION
	190 ↔ 255	RANDOM SROBE
	0 ↔ 255	ZOOM
		CONTROL
	0 ↔ 9	NO FUNCTION
15	10 ↔ 19	PAN/TILT BLACK ACTIVATED
	20 ↔ 29	PAN/TILT BLACK DEACTIVATED
	30 ↔ 39	FAN SLOW
	40 ↔ 49	FAN NORMAL
	50 ↔ 59	FAN FAST
	60 ↔ 69	FAN AUTO
	70 ↔ 79	AUTO1
	80 ↔ 89	AUTO2
	90 ↔ 99	CUSTOM
	100 ↔ 109	TEST
	110 ↔ 119	RESET
	120 ↔ 129	NO FUNCTION
	130 ↔ 139	DIM0
	140 ↔ 149	DIM1
	150 ↔ 159	DIM2
160 ↔ 169	DIM3	
170 ↔ 179	DIM4	
180 ↔ 255	NO FUNCTION	

# CMY

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	PAN
2	0 ↔ 255	PAN FINE
3	0 ↔ 255	TITL
4	0 ↔ 255	TITL FINE
5	0 ↔ 255	PT SPEED
6	0 ↔ 255	CYAN
7	0 ↔ 255	MAGENT
8	0 ↔ 255	YELLOW
9	0 ↔ 255	DIMMER
10		MARCOS
	0 ↔ 9	NO FUNCTION
	10 ↔ 29	CYAN 100% / MAGENTA UP / YELLOW 0%
	30 ↔ 49	CYAN DOWN / MAGENTA 100% / YELLOW 0%
	50 ↔ 69	CYAN 0% / MAGENTA 100% / YELLOW UP
	70 ↔ 89	CYAN 0% / MAGENTA DOWN / YELLOW 100%
	90 ↔ 109	CYAN UP / MAGENTA 0% / YELLOW 100%
	110 ↔ 129	CYAN 100% /MAGENTA 0%/YELLOW DOWN
	130 ↔ 149	CYAN 100%/MAGENTA UP/YELLOW 0%
	150 ↔ 189	NO FUNCTION
	190 ↔ 199	2700K
	200 ↔ 209	3200K
	210 ↔ 219	4200K
	220 ↔ 229	5600K
	230 ↔ 239	6500K
240 ↔ 255	8000K	
11		A SINGLE POINT
	0 ↔ 9	NO FUNCTION
	10 ↔ 19	static 1
	20 ↔ 29	static 2
	30 ↔ 39	static 3
	40 ↔ 49	static 4
	50 ↔ 59	static 5
	60 ↔ 69	static 6
	70 ↔ 79	static ALL
	80 ↔ 89	RING1 (CLOCKWISE )
	90 ↔ 99	RING2 (ANTI-CLOCKWISE)
	100 ↔ 109	RED-2700k
	110 ↔ 119	ORANGE-2700K
	120 ↔ 129	YELLOW-2700K
	130 ↔ 139	GREEN-2700K
140 ↔ 149	CYAN-2700K	
150 ↔ 159	BLUE-2700K	



### 3.3 DMX512 SETTINGS

**MENU** → **ADDRESS** → 001-512

- Enter the **[DMX]** mode to set the DMX ADDRESS.

### 3.4 PERSONALITY

**MENU** → **PERSON** → **HSIC**  
**PERSON1**  
**PERSON2**  
**CMY**  
**PIXEL**

- Enter the **[PERSON]** mode to select DMX mode: **[HSIC]** , **[PERSON1]** , **[PERSON2]** , **[CMY]** , **[PIXEL]** ,

### 3.5 PERFORM

**MENU** → **PERFORM** → **FANS** → **SLOW**  
**NORMAL**  
**FAST**  
**AUTO**

**PAN/TILT** → **PANINVERT** → **NORMAL**  
**INVERT**

**TILT INVERT** → **NORMAL**  
**INVERT**

**PT SPEED** → **FAST**  
**SLOW**

**PT RANGE** → **P.START** → 0-255  
**P.END** → 0-255  
**T.START** → 0-255  
**T.END** → 0-255  
**USE** → **NO**  
**YES**

**BLACKOUT** → **OFF**  
**ON**

**DIMMER** → **DIM4**  
**DIM3**  
**DIM2**  
**DIM1**  
**OFF**

**COLOR** → **UC**  
**RGBtoW**  
**OFF**

**FULL POWER CCT** → **3200K**  
**4200K**  
**5600K**  
**10000K**  
**NORMAL**

**DMX ERROR** → **SAVE**  
**BLACK**

**DMX RESET** → **DMX** → **YES/NO**  
**DISPLAY** → **YES/NO**

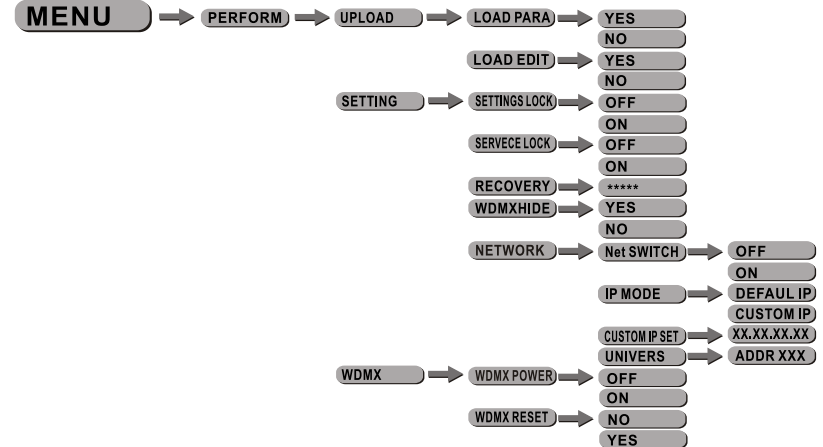
**DISPLAY ON** → **SHORT**  
**LONG**

**DISPLAY LOCK** → **OFF**  
**ON**

CHANNEL	VALUE	FUNCTION
17	70 ↔ 79	static ALL
	80 ↔ 89	RING1 顺时针
	90 ↔ 99	RING2 逆时针
	100 ↔ 109	RED-2700k
	110 ↔ 119	ORANGE-2700K
	120 ↔ 129	YELLOW-2700K
	130 ↔ 139	GREEN-2700K
	140 ↔ 149	CYAN-2700K
	150 ↔ 159	BLUE-2700K
	160 ↔ 169	MAGENTA-2700K
	170 ↔ 179	RED-2700k
	180 ↔ 189	RED-5600K
	190 ↔ 199	ORANGE-5600K
	200 ↔ 209	YELLOW-5600K
	210 ↔ 219	GREEN-5600K
	220 ↔ 229	CYAN-5600K
230 ↔ 239	BLUE-5600K	
240 ↔ 249	MAGENTA-5600K	
250 ↔ 255	RED-5600K	
18	0 ↔ 255	AUTO SPEED SLOW TO FAST
		STROBE
19	0 ↔ 9	NO FUNCTION
	10 ↔ 99	STROBE FROM ( SLOW TO FAST , 0-25Hz )
	100 ↔ 109	NO FUNCTION
	110 ↔ 179	LIGHTNING STROBE
	180 ↔ 189	NO FUNCTION
190 ↔ 255	RANDOM SROBE	
20	0 ↔ 255	ZOOM
		CONTROL
	0 ↔ 9	NO FUNCTION
	10 ↔ 19	PAN/TILT BLACK ACTIVATED
	20 ↔ 29	PAN/TILT BLACK DEACTIVATED
	30 ↔ 39	FAN SLOW
	40 ↔ 49	FAN NORMAL
	50 ↔ 59	FAN FAST
	60 ↔ 69	FAN AUTO
	70 ↔ 79	AUTO1
	80 ↔ 89	AUTO2
	90 ↔ 99	CUSTOM
	100 ↔ 109	TEST
	110 ↔ 119	RESET
	120 ↔ 129	NO FUNCTION
	130 ↔ 139	DIM0
140 ↔ 149	DIM1	
150 ↔ 159	DIM2	
160 ↔ 169	DIM3	
170 ↔ 179	DIM4	
180 ↔ 255	NO FUNCTION	

PERSON2

CHANNEL	VALUE	FUNCTION
1	0 ⇄ 255	PAN
2	0 ⇄ 255	PAN FINE
3	0 ⇄ 255	TITL
4	0 ⇄ 255	TITL FINE
5	0 ⇄ 255	PT SPEED
6	0 ⇄ 255	RED
7	0 ⇄ 255	RED FINE
8	0 ⇄ 255	GREEN
9	0 ⇄ 255	GREEN FINE
10	0 ⇄ 255	BLUE
11	0 ⇄ 255	BLUE FINE
12	0 ⇄ 255	WHTIE
13	0 ⇄ 255	WHTIE FINE
14	0 ⇄ 255	DIMMER
15	0 ⇄ 255	DIMMER FINE
		MARCOS
	0 ⇄ 9	NO FUNCTION
	10 ⇄ 29	RED 100% / GREEN UP / BLUE 0%
	30 ⇄ 49	RED DOWN / GREEN 100% / BLUE 0%
	50 ⇄ 69	RED 0% / GREEN 100% / BLUE UP
	70 ⇄ 89	RED 0% / GREEN DOWN / BLUE 100%
	90 ⇄ 109	RED UP / GREEN 0% / BLUE 100%
	110 ⇄ 129	RED 100% / GREEN 0% / BLUE DOWN
16	130 ⇄ 149	RED 100% / GREEN UP / BLUE UP
	150 ⇄ 169	RED DOWN / GREEN DOWN / BLUE 100%
	170 ⇄ 189	ALL LED AT FULL OUTPUT
	190 ⇄ 199	2700K
	200 ⇄ 209	3200K
	210 ⇄ 219	4200K
	220 ⇄ 229	5600K
	230 ⇄ 239	6500K
	240 ⇄ 255	8000K
		A SINGLE POINT
	0 ⇄ 9	NO FUNCTION
17	10 ⇄ 19	static 1
	20 ⇄ 29	static 2
	30 ⇄ 39	static 3
	40 ⇄ 49	static 4
	50 ⇄ 59	static 5
	60 ⇄ 69	static 6



- **【FANS】** menu, select **【Slow/Norm/Fast/Auto】** as required fan speed.
- **【PAN INVERT】** menu, select **【NORM/INVERT】** for normal/inverted control of the PAN function
- **【TILT INVERT】** menu, select **【NORM/INVERT】** for normal/inverted control of the TILT function
- **【PT SPEED】** menu, select **【Slow/Fast】** as required PAN/TILT movement speed.
- **【BLACKD】** menu, select **【OFF】** for immediate activation of PAN/TILT blackout when selected using the control channel or **【ON】** for 3 second delay before activation.
- **【DIMMER】** menu for selection of **【DIM1/DIM2/DIM3/DIM4/OFF】** special dimming curves
- **【COLOR】** is for activate/unactivate the color calibration functions. When **[RGBtoW]** is selected, on RGB = 255,255,255, the color is displayed as calibrated in Service -- RGBtoW. When **[COLOR]** is set **[OFF]**, on RGB = 255,255,255, the RGB values are not adjusted and the output is most powerful. When **[UC]** is selected, the RGB output are adjusted to a standard preset universal color which balances fixtures from different generations.
- **<FULL POWER CCT>** is the color temperature choose bottom, press UP/DOWN to choose, under full power, **<3200K>**、**<4200K>**、**<5600K>**、**<10000K>** can be chosen, when choose **<COLOR>**、**<3200K>**、**<4200K>**、**<5600K>**、**<10000K>** are not work, but choose **<NORMAL>**.
- **【DMXERROR】** menu, select **【SAVE】** to maintain last command in case of DMX error or **【BLACK】** for blackout
- **【DMXRESET】** menu, select **【DMX】** to allow remote reset using DMX controller or **【DISPLAY】** for reset only available at on-fixture display
- **【DISPLAY ON】** menu, select **【LONG/SHORT/DISPLAY LOCK】** for length of time for display backlight
- **【UPLOAD】** upload data setting, choose **【LOAD PARA】** to upload data, choose **【NO】** means do not upload data choose **【YES】** means upload data, choose **【LOAD EDIT】** to program, choose **【NO】** means do not upload, choose **【YES】** means upload

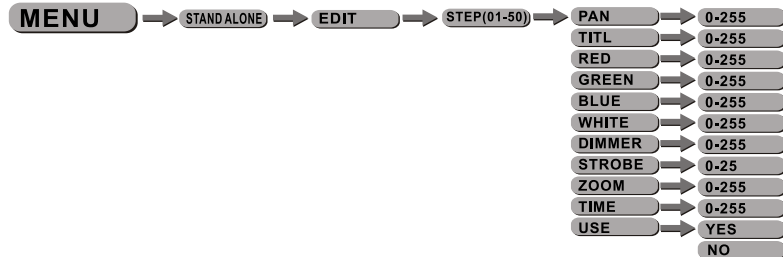
- **【SETTING】** is a protect bottom, **【 SETTINGS LOCK】** is the menu lock bottom, choose **【OFF】** means the menu lock bottom is off, choose **【ON】** means the menu lock bottom is on **【RECOVERY】** is the recover to default value. Press **【ENTER】** to password setting, press correct password **【UP+DOWN+UP+DOWN】** ,and press **【ENTER】** ,if password is correct, display will show **【OK】** ,
- **【NET SWITCH】** is net switch, OFF adhere to 2.XX.XX.XX , ON adhere to 2.XX.XX.XX, **【IP MODE】** is IP mode setting, "DEFAULT IP" is default IP, CUSTOM IP is user IP, **【CUSTOM IP SET】** is customer IP setting, **【UNIVERS】** is data bulk setting, output series 0-255
- **【WDMX】** setting , choose **【WDMX POWER】** to turn on/off the DMX , choose **【OFF】** to turn off it . **【ON】** to turn on it . Choose **【 WDMX RESET】** to reset the DMX , choose **【NO】** , then DMX will not reset , **【YES】** , then DMX will reset

### 3.6 RUN



- Enter the **【STAND ALONE】** menu to select from **【DMX512/ARTNET/ARTNET2DMX/AUTO 1/AUTO 2/CUSTOM/TEST/SLAVE】** run modes

### 3.7 EDIT



- Enter the **【 EDIT 】** mode to edit the custom programs by adjusting the value of **【PAN】** , **【 TILT 】** , **【 RED 】** , **【 GREEN 】** , **【 BLUE 】** , **【 WHITE 】** , **【 DIMMER 】** , **【 STROBE 】** , **【 ZOOM 】** , **【 TIME 】**
- Enter **【 USE 】** and select **【 YES 】** to run the steps user need.

**Note:** if user want to circulate the created steps, please set the last step 's **【Time】** as 0

For example, there are 3 steps, the setting should be like belowed:

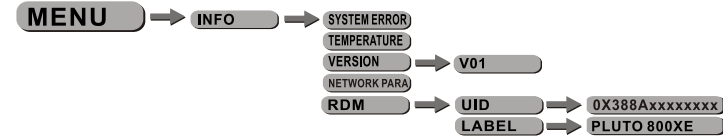
- Step 1 **【Time】** = 4 **【 Use】** = Yes
- Step 2 **【Time】** = 5 **【 Use】** = Yes
- Step 3 **【Time】** = 0 **【 Use】** = Yes

CHANNEL	VALUE	FUNCTION
9	160 ↔ 169	MAGENTA-2700K
	170 ↔ 179	RED-2700k
	180 ↔ 189	RED-5600K
	190 ↔ 199	ORANGE-5600K
	200 ↔ 209	YELLOW-5600K
	210 ↔ 219	GREEN-5600K
	220 ↔ 229	CYAN-5600K
	230 ↔ 239	BLUE-5600K
	240 ↔ 249	MAGENTA-5600K
250 ↔ 255	RED-5600K	
10	0 ↔ 255	AUTO SPEED SLOW TO FAST
11		STROBE
	0 ↔ 9	NO FUNCTION
	10 ↔ 99	STROBE FROM ( SLOW TO FAST , 0-25Hz )
	100 ↔ 109	NO FUNCTION
	110 ↔ 179	LIGHTNING STROBE
	180 ↔ 189	NO FUNCTION
190 ↔ 255	RANDOM SROBE	
12	0 ↔ 255	ZOOM
13		CONTROL
	0 ↔ 9	NO FUNCTION
	10 ↔ 19	PAN/TILT BLACKACTIVATED
	20 ↔ 29	PAN/TILT BLACK DEACTIVATED
	30 ↔ 39	FAN SLOW
	40 ↔ 49	FAN NORMAL
	50 ↔ 59	FAN FAST
	60 ↔ 69	FAN AUTO
	70 ↔ 79	AUTO1
	80 ↔ 89	AUTO2
	90 ↔ 99	CUSTOM
	100 ↔ 109	TEST
	110 ↔ 119	RESET
	120 ↔ 129	NO FUNCTION
	130 ↔ 139	DIM0
	140 ↔ 149	DIM1
	150 ↔ 159	DIM2
	160 ↔ 169	DIM3
170 ↔ 179	DIM4	
180 ↔ 255	NO FUNCTION	

## PERSON1

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	PAN
2	0 ↔ 255	TITL
3	0 ↔ 255	RED
4	0 ↔ 255	GREEN
5	0 ↔ 255	BLUE
6	0 ↔ 255	WHITE
7	0 ↔ 255	DIMMER
8		MARCOS
	0 ↔ 9	NO FUNCTION
	10 ↔ 29	RED 100% / GREEN UP / BLUE 0%
	30 ↔ 49	RED DOWN / GREEN 100% / BLUE 0%
	50 ↔ 69	RED 0% / GREEN 100% / BLUE UP
	70 ↔ 89	RED 0% / GREEN DOWN / BLUE 100%
	90 ↔ 109	RED UP / GREEN 0% / BLUE 100%
	110 ↔ 129	RED 100% / GREEN 0% / BLUE DOWN
	130 ↔ 149	RED 100% / GREEN UP / BLUE UP
	150 ↔ 169	RED DOWN / GREEN DOWN / BLUE 100%
	170 ↔ 189	ALL LED AT FULL OUTPUT
	190 ↔ 199	2700K
	200 ↔ 209	3200K
	210 ↔ 219	4200K
	220 ↔ 229	5600K
	230 ↔ 239	6500K
	240 ↔ 255	8000K
9		A SINGLE POINT
	0 ↔ 9	NO FUNCTION
	10 ↔ 19	static 1
	20 ↔ 29	static 2
	30 ↔ 39	static 3
	40 ↔ 49	static 4
	50 ↔ 59	static 5
	60 ↔ 69	static 6
	70 ↔ 79	static ALL
	80 ↔ 89	RING1 (CLOCKWISE)
	90 ↔ 99	RING2 (ANTI-CLOCKWISE)
	100 ↔ 109	RED-2700k
	110 ↔ 119	ORANGE-2700K
	120 ↔ 129	YELLOW-2700K
	130 ↔ 139	GREEN-2700K
	140 ↔ 149	CYAN-2700K
	150 ↔ 159	BLUE-2700K

## 3.8 INFO



- push **【OK】** button into the information search mode in menu **【INFO】**, push **【up/down】** to choose item.

Choose **【SYSTEM ERROR】** system data error .

Choose **【TEMPERATURE】** LED working temperature

Choose **【VERSION】** software version

Choose **【NETWORK PARA】** check network specification

Choose **【RDM】** check the fixture ID

Choose **【LABEL】** check model name

## 3.9 MANUAL

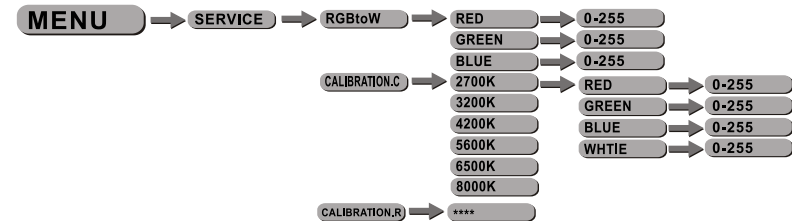


- Select **【RESET】** from the **【MANUAL】** menu

- **【ALL RESET】** menu, select **【YES/NO】** to carry out full fixture reset

- **【PT RESET】** menu, select **【YES/NO】** to carry out PAN/TILT reset

## 3.10 SERVICE



- Enter the **【RGBtoW】** to adjust the RGB parameter to make different whites.
- When the new setting is activated, the DMX controller choose RGB = 255,255,255 the white color will be made by the actual RGB values on the **【RGBtoW】** .
- Enter the **【CALIBRATION.C】** to select white color of different color temperature.
- There are 11 pre-programmed White colors plus RGB TO WHITE and can be edited by using **【RED】** , **【GREEN】** , **【BLUE】** & **【WHITE】** .
- Press **【ENTER】** to find **【CALIBRATION.R】** CCT reset , press passcode (**Up + Down+ Up +Down**) , then **【SUCCESS】** will be shown

# 4 USING A DMX512 CONTROLLER

## 4.1 CHANNEL ASSIGNMENT

- Note: This product have four DMX512 channel configuration:  
 【HSIC】 , 【PERSON1】 , 【PERSON2】 , 【CMY】 , 【PIXEL】 .

### HSIC

CHANNEL	VALUE	FUNCTION
1	0 ⇄ 255	PAN
2	0 ⇄ 255	PAN FINE
3	0 ⇄ 255	TITL
4	0 ⇄ 255	TITL FINE
5	0 ⇄ 255	PT SPEED
6	0 ⇄ 255	INTENSIYT
7	0 ⇄ 255	HUE
8	0 ⇄ 255	HUE FINE
9	0 ⇄ 255	SATURATION
10		CCT
	0 ⇄ 9	NO FUNCTION
	10 ⇄ 40	2700K
	41 ⇄ 80	3200K
	81 ⇄ 120	4200K
	121 ⇄ 160	5600K
	161 ⇄ 200	6500K
	201 ⇄ 255	8000K
11		STROBE
	0 ⇄ 9	NO FUNCTION
	10 ⇄ 99	STROBE FROM ( SLOW TO FAST , 0-25Hz )
	100 ⇄ 109	NO FUNCTION
	110 ⇄ 179	LIGHTNING STROBE
	180 ⇄ 189	NO FUNCTION
190 ⇄ 255	RANDOM SROBE	
12	0 ⇄ 255	ZOOM

CHANNEL	VALUE	FUNCTION
		CONTROL
13	0 ⇄ 9	NO FUNCTION
	10 ⇄ 19	PAN/TILT BLACK ACTIVATED
	20 ⇄ 29	PAN/TILT BLACK DEACTIVATED
	30 ⇄ 39	FAN SLOW
	40 ⇄ 49	FAN NORMAL
	50 ⇄ 59	FAN FAST
	60 ⇄ 69	FAN AUTO
	70 ⇄ 79	AUTO1
	80 ⇄ 89	AUTO2
	90 ⇄ 99	CUSTOM
	100 ⇄ 109	TEST
	110 ⇄ 119	RESET
	120 ⇄ 129	NO FUNCTION
	130 ⇄ 139	DIM0
	140 ⇄ 149	DIM1
	150 ⇄ 159	DIM2
	160 ⇄ 169	DIM3
	170 ⇄ 179	DIM4
180 ⇄ 255	NO FUNCTION	