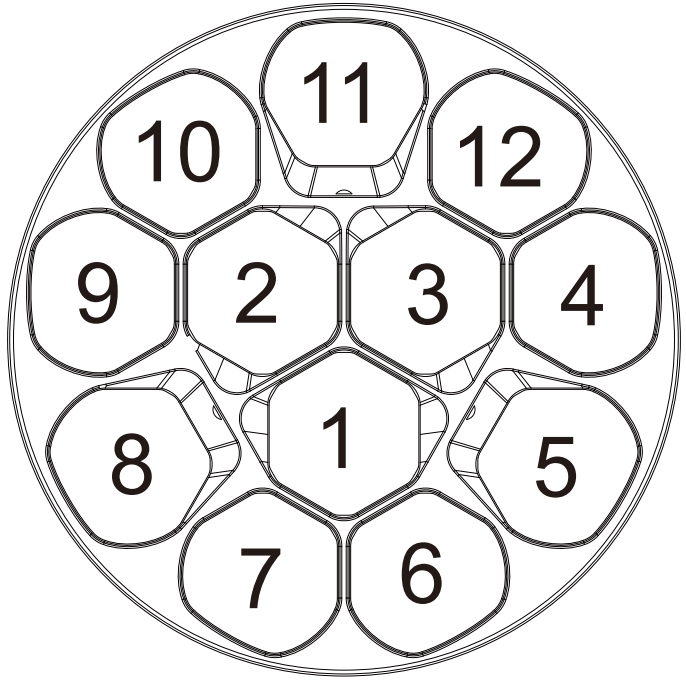
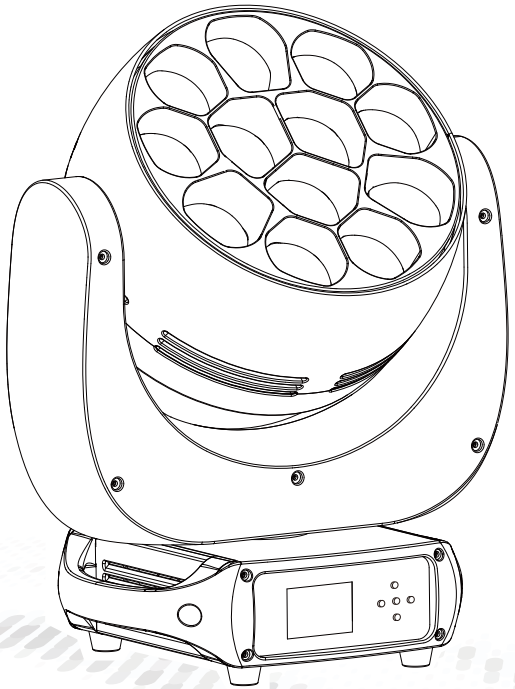
CHANNEL	VALUE	FUNCTION
CH.46	0-255	RED 10
CH.47	0-255	GREEN10
CH.48	0-255	BLUE10
CH.49	0-255	White10
CH.50	0-255	RED 11
CH.51	0-255	GREEN11
CH.52	0-255	BLUE11
CH.53	0-255	White11
CH.54	0-255	RED 12
CH.55	0-255	GREEN12
CH.56	0-255	BLUE12
CH.57	0-255	White12



PLUTO 4000XE MK2

USER MANUAL

PLUTO 4000XE MK2
SS656

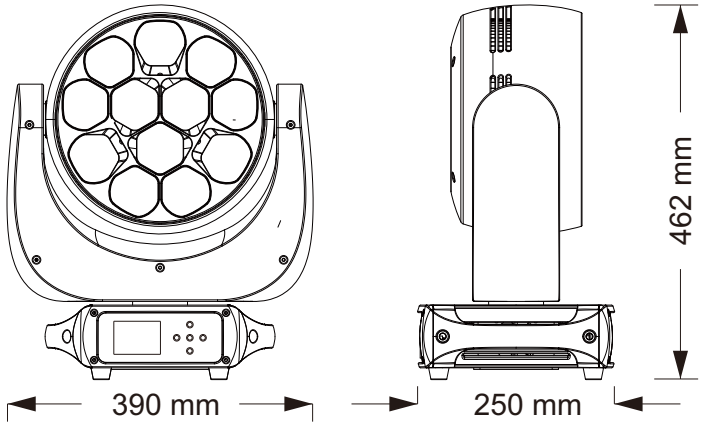


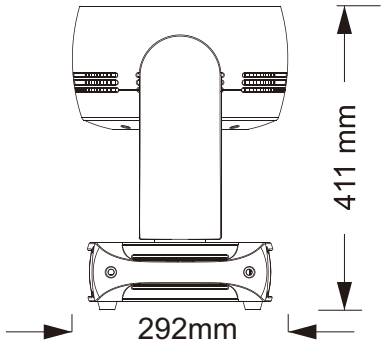
MODEL:SS656XCE
Guangzhou Yajiang Photoelectric Equipment Ltd.
Tel: 020-86947788
Fax: 020-86943773
E-mail: sales@yajiang.cn
Website: www.yajiang.cn
Since 1985
RD-SS656-SM-03(SS-I)

1 PRODUCT INTRODUCTION

1.1 Specification

Product Code	SS656XCE
Dimenson	390×250×462(mm)
Weight	12.5KG
Rated Power	460W
Input Voltage	AC100~240VAC,50/60Hz
Frequency Range	5.5A
Ambient Temperature	0°C~45°C
Beam Angle	4.5°~36°
Control Model	DMX512/RDM/ArtNet





CHANNEL	VALUE	FUNCTION
	160-169	DIM3
	170-179	DIM4
	180-255	NO FUNCTION
CH.10	0-255	RED 1
CH.11	0-255	GREEN1
CH.12	0-255	BLUE1
CH.13	0-255	White1
CH.14	0-255	RED2
CH.15	0-255	GREEN2
CH.16	0-255	BLUE2
CH.17	0-255	White 2
CH.18	0-255	RED3
CH.19	0-255	GREEN3
CH.20	0-255	BLUE3
CH.21	0-255	White3
CH.22	0-255	RED4
CH.23	0-255	GREEN4
CH.24	0-255	BLUE4
CH.25	0-255	White4
CH.26	0-255	RED 5
CH.27	0-255	GREEN5
CH.28	0-255	BLUE5
CH.29	0-255	White 5
CH.30	0-255	RED 6
CH.31	0-255	GREEN6
CH.32	0-255	BLUE6
CH.33	0-255	White 6
CH.34	0-255	RED 7
CH.35	0-255	GREEN7
CH.36	0-255	BLUE7
CH.37	0-255	White 7
CH.38	0-255	RED 8
CH.39	0-255	GREEN8
CH.40	0-255	BLUE8
CH.41	0-255	White8
CH.42	0-255	RED 9
CH.43	0-255	GREEN9
CH.44	0-255	BLUE9
CH.45	0-255	White9

CHANNEL	VALUE	FUNCTION
	150-159	DIM2
	160-169	DIM3
	170-179	DIM4
	180-255	NO FUNCTION

PIXEL

CHANNEL	VALUE	FUNCTION
CH.1	0-255	PAN
CH.2	0-255	PAN FINE
CH.3	0-255	TILT
CH.4	0-255	TILT FINE
CH.5	0-255	PT SPEED
CH.6	0-255	DIMMER
CH.7	**STROBE**	
	0-9	NO FUNCTION
	10-59	STROBE FROM SLOD TO FAST (0-25Hz)
	60-109	NO FUNCTION
	110-159	THUNDER STROBE FROM SLOD TO FAST
	160-209	NO FUNCTION
	210-255	RANDOM SROBE
CH.8	0-255	ZOOM
CH.9	**CONTROL**	
	0-9	NO FUNCTION
	10-19	PAN/TILT BLACK ACTIVATED
	20-29	PAN/TILT BLACK DEACTIVATED
	30-39	PAN INVERT
	40-49	TILT INVERT
	50-59	PAN/TILT INVERT OFF
	60-79	FAN STUDIO
	80-89	FAN POWER
	90-99	FAN LIVE
	100-109	XY RESET
	110-119	RESET ALL
	120-129	NO FUNCTION
	130-139	OFF
	140-149	DIM1
	150-159	DIM2

1.2 Safety warning

IMPORTANT

Always read the user manual before operation.

Please confirm that the power supply stated on the product is the same as the mains power supply in your area.

- This product must be installed by a qualified professional.
- Always operate the equipment as described in the user manual.
- A minimum distance of 0.5m must be maintained between the equipment and combustible surface.
- The product must always be placed in a well ventilated area.
- Always make sure that the equipment is installed securely.
- Do not stand close to the equipment and stare directly into the LED light source.
- Always disconnect the power supply before attempting and maintenance.
- Always make sure that the supporting structure is solid and can support the combined weight of the products.
- The earth wire must always be connected to the ground.
- Do not touch the power cables if your hands are wet.

ATTENTION

⚠ ATTENTION ⚠

- This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual.
- Avoid shaking or strong impacts to any part of the equipment.
- Make sure that all parts of the equipment are kept clean and free of dust.
- Always make sure that the power connections are connected correct and secure.
- If there is any malfunction of the equipment, contact your distributor immediately.
- When transferring the product, it is advisable to use the original packaging in which the product left the factory.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.



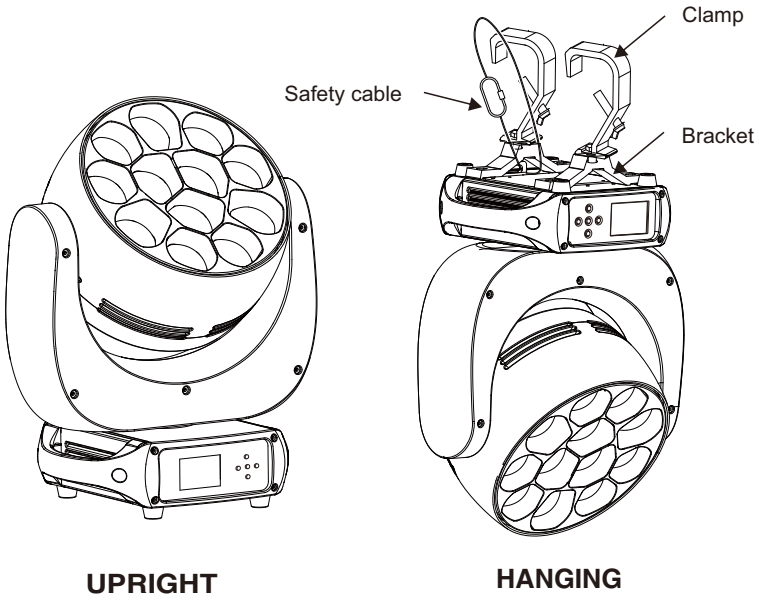
Caution, risk of electric shock
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

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 thefixture.

Always use a safety cable when mounting the fixture in any elevated position.



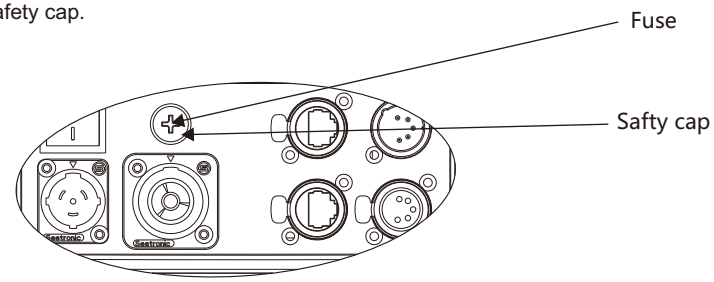
UPRIGHT **HANGING**

CHANNEL	VALUE	FUNCTION
	194-197	Set inner cicle yellow，running 4-12 in 2700k
	198-201	Set inner cicle green，running 4-12 in 2700k
	202-205	Set inner cicle cyan，running 4-12 in 2700k
	206-209	Set inner cicle blue，running 4-12 in 2700k
	210-213	Set inner cicle purple，running 4-12 in 2700k
	214-217	Set inner cicle red，running 4-12 in 5600k
	218-221	Set inner cicle orange，running 4-12 in 5600k
	222-225	Set inner cicle yellow，running 4-12 in 5600k
	226-229	Set inner cicle green，running 4-12 in 5600k
	230-233	Set inner cicle cyan，running 4-12 in 5600k
	234-237	Set inner cicle blue，running 4-12 in 5600k
	238-241	Set inner cicle purple，running 4-12 in 5600k
	242-245	Inner circle red,outer circle blue,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	246-249	Inner circle green,outer circle red,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	250-255	Inner circle blue,outer circle yellow,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
CH.12	0-255	AUTO SPEED (Slow to Fast)
CH.13	**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
CH.14	0-255	ZOOM
CH.15	**CONTROL(停顿3s起效)**	
	0-9	NO FUNCTION
	10-19	PAN/TILT BLACK ACTIVATED
	20-29	PAN/TILT BLACK DEACTIVATED
	30-39	PAN INVERT
	40-49	FAN NORMAL
	50-59	PAN/TILT INVERT OFF
	60-79	FAN STUDIO
	80-89	FAN POWER
	90-99	FAN LIVE
	100-109	XY RESET
	110-119	RESET ALL
	120-129	NO FUNCTION
	130-139	OFF
	140-149	DIM1

CHANNEL	VALUE	FUNCTION
CH.11	40-42	11
	43-45	12
	46-49	1,2,3
	50-53	5,8,11
	54-57	6,7,8,9,4,12
	58-61	4,5,6
	62-65	7,8,9
	66-69	10,11,12
	70-73	4,5,6,7,8,9,10,11,12
	74-77	1,2,3,6,7,10,12
	78-81	1,2,3,4,6,8,10
	82-85	1,2,3,4,7,9,12
	86-89	1-2-3
	90-93	1-3-2
	94-97	4-5-6-7-8-9-10-11-12
	98-101	12-11-10-9-8-7-6-5-4
	102-105	1-2-3-4-5-6-7-8-9-10-11-12
	106-109	12-11-10-9-8-7-6-5-4-3-2-1
	110-113	(1-2-3)+(12-11-10-9-8-7-6-5-4)
	114-117	(1-3-2)+(4-5-6-7-8-9-10-11-12)
	118-121	4,5-6,7-8,9-10,11-12,4-5,6-7,8-9,10-11,12
	122-125	1,2,3-4,5,6,7,8,9,10,11,12
	126-129	1,6,7-2,9,10-3,4,12-8-11-5
	130-133	Set inner cicle red，running 1-2-3 in 2700k
	134-137	Set inner cicle orange，running 1-2-3 in 2700k
	138-141	Set inner cicle yellow，running 1-2-3 in 2700k
	142-145	Set inner cicle green，running 1-2-3 in 2700k
	146-149	Set inner cicle cyan，running 1-2-3 in 2700k
	150-153	Set inner cicle blue，running 1-2-3 in 2700k
	154-157	Set inner cicle purple，running 1-2-3 in 2700k
	158-161	Set inner cicle red，running 1-2-3 in 5600k
	162-165	Set inner cicle orange，running 1-2-3 in 5600k
	166-169	Set inner cicle yellow，running 1-2-3 in 5600k
	170-173	Set inner cicle green，running 1-2-3 in 5600k
	174-177	Set inner cicle cyan，running 1-2-3 in 5600k
	178-181	Set inner cicle blue，running 1-2-3 in 5600k
	182-185	Set inner cicle purple，running 1-2-3 in 5600k
	186-189	Set inner cicle red，running 4-12 in 2700k
	190-193	Set inner cicle orange，running 4-12 in 2700k

2.2 Fuse Replacement

- Remove the safety cap by a screwdriver.
- F etch the old fuse from safety cap.
- I nstall a new fuse.
- I nstall the safety cap.



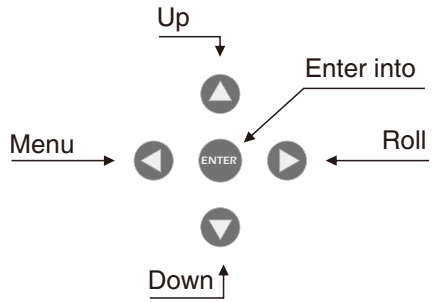
2.3 Power Connections

- 220~240V: 6 units may be connected in series
- 110~120V: 3 units may be connected in series

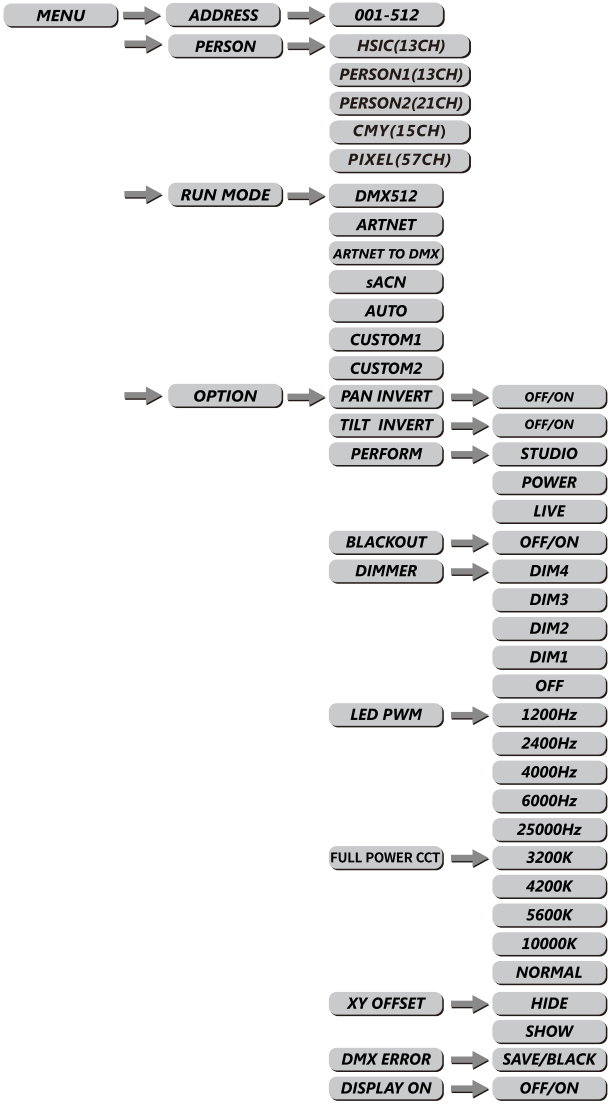
Note:
If the signal cable is over 60m between the DMX512 controller and fixture or beween two fixtures, then a DMX signal amplifier is needed as well.

3 DISPLAY PANEL OPERATION

3.1 Display Operation



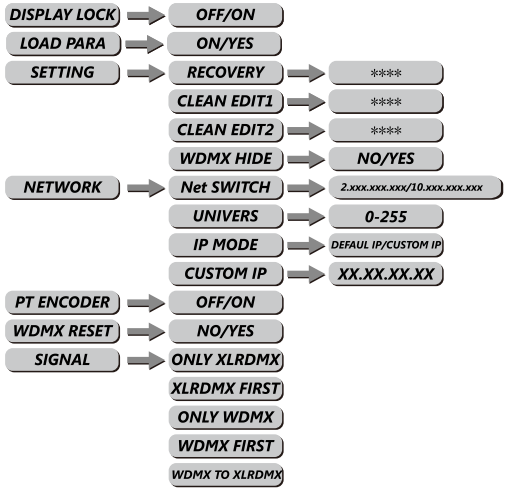
3.2 MENU

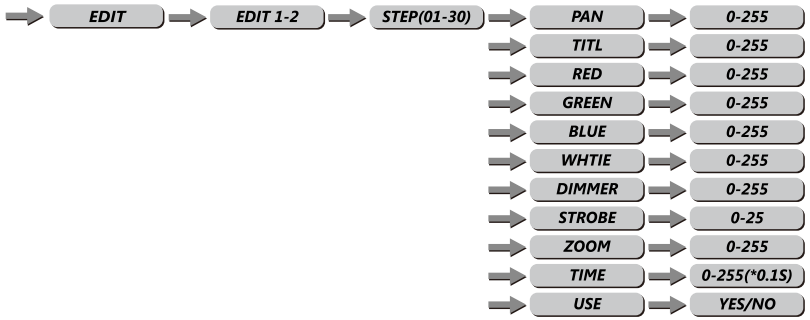


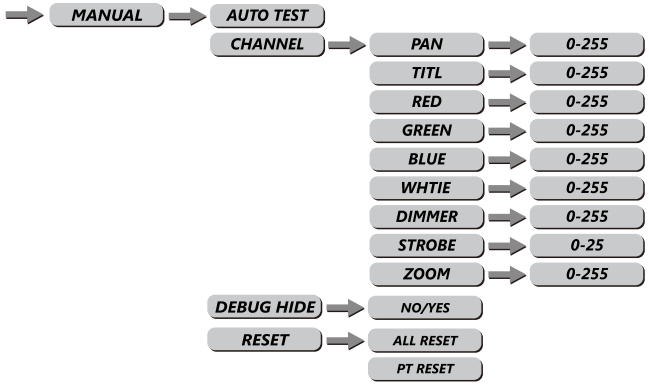
CMY

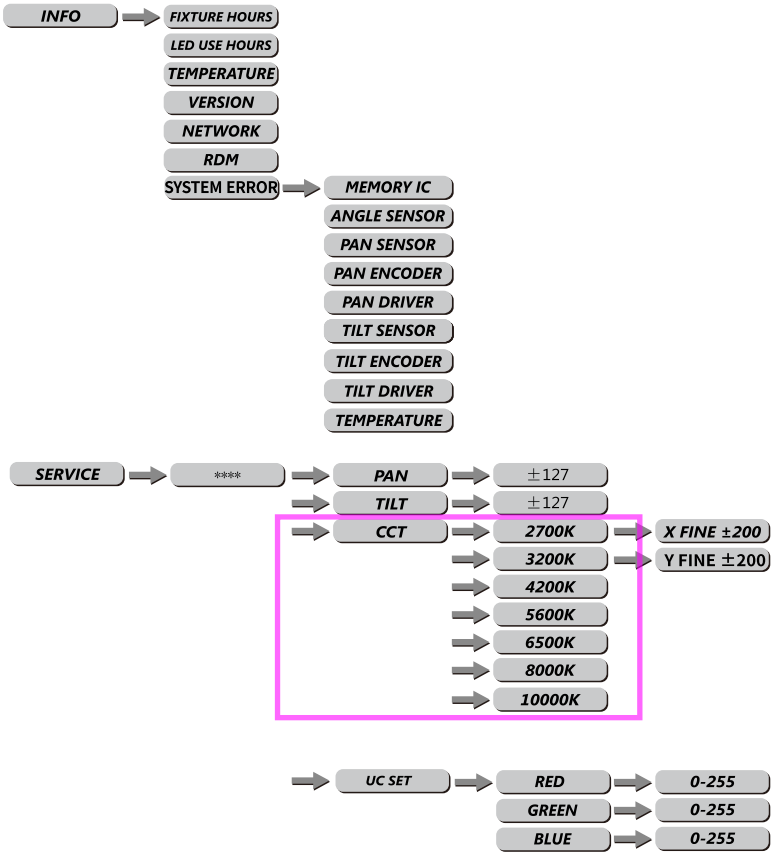
CHANNEL	VALUE	FUNCTION
CH.1	0-255	PAN
CH.2	0-255	PAN FINE
CH.3	0-255	TITL
CH.4	0-255	TITL FINE
CH.5	0-255	PT SPEED
CH.6	0-255	CYAN
CH.7	0-255	MAGENT
CH.8	0-255	YELLOW
CH.9	0-255	DIMMER
CH.10	**MARCOS**	
	0-9	NO FUNCTION
	10-29	CYAN 100% / MAGENTA UP / YELLOW 0%
	30-49	CYAN DOWN / MAGENTA 100% / YELLOW 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%
	150-169	CYAN DOWN/MAGENTA DOWN/YELLOW 100%
	170-189	NO FUNCTION
	190-199	2700K
	200-209	3200K
	210-219	4200K
	220-229	5600K
	230-239	6500K
	240-255	8000K
CH.11	**A SINGLEPOINT**	
	0-9	NO FUNCTION
	10-12	1
	13-15	2
	16-18	3
	19-21	4
	22-24	5
	25-27	6
	28-30	7
	31-33	8
	34-36	9
	37-39	10

CHANNEL	VALUE	FUNCTION
	234-237	Set inner cicle blue，running 4-12 in 5600k
	238-241	Set inner cicle purple，running 4-12 in 5600k
	242-245	Inner circle red,outer circle blue,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	246-249	Inner circle green,outer circle red,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	250-255	Inner circle blue,outer circle yellow,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
CH.18	0-255	AUTO SPEED (Slow to Fast)
CH.19	**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
CH.20	0-255	ZOOM
CH.21	**CONTROL(停顿3s起效)**	
	0-9	NO FUNCTION
	10-19	PAN/TILT BLACK ACTIVATED
	20-29	PAN/TILT BLACK DEACTIVATED
	30-39	PAN INVERT
	40-49	TILT INVERT
	50-59	PAN/TILT INVERT OFF
	60-79	FAN STUDIO
	80-89	FAN POWER
	90-99	FAN LIVE
	100-109	XY RESET
	110-119	RESET ALL
	120-129	NO FUNCTION
	130-139	OFF
	140-149	DIM1
	150-159	DIM2
	160-169	DIM3
	170-179	DIM4
	180-255	NO FUNCTION









CHANNEL	VALUE	FUNCTION
CH.17	78-81	1,2,3,4,6,8,10
	82-85	1,2,3,4,7,9,12
	86-89	1-2-3
	90-93	1-3-2
	94-97	4-5-6-7-8-9-10-11-12
	98-101	12-11-10-9-8-7-6-5-4
	102-105	1-2-3-4-5-6-7-8-9-10-11-12
	106-109	12-11-10-9-8-7-6-5-4-3-2-1
	110-113	(1-2-3)+(12-11-10-9-8-7-6-5-4)
	114-117	(1-3-2)+(4-5-6-7-8-9-10-11-12)
	118-121	4,5-6,7-8,9-10,11-12,4-5,6-7,8-9,10-11,12
	122-125	1,2,3-4,5,6,7,8,9,10,11,12
	126-129	1,6,7-2,9,10-3,4,12-8-11-5
	130-133	Set inner cicle red, running 1-2-3 in 2700k
	134-137	Set inner cicle orange, running 1-2-3 in 2700k
	138-141	Set inner cicle yellow, running 1-2-3 in 2700k
	142-145	Set inner cicle green, running 1-2-3 in 2700k
	146-149	Set inner cicle cyan, running 1-2-3 in 2700k
	150-153	Set inner cicle blue, running 1-2-3 in 2700k
	154-157	Set inner cicle purple, running 1-2-3 in 2700k
	158-161	Set inner cicle red, running 1-2-3 in 5600k
	162-165	Set inner cicle orange, running 1-2-3 in 5600k
	166-169	Set inner cicle yellow, running 1-2-3 in 5600k
	170-173	Set inner cicle green, running 1-2-3 in 5600k
	174-177	Set inner cicle cyan, running 1-2-3 in 5600k
	178-181	Set inner cicle blue, running 1-2-3 in 5600k
	182-185	Set inner cicle purple, running 1-2-3 in 5600k
	186-189	Set inner cicle red, running 4-12 in 2700k
	190-193	Set inner cicle orange, running 4-12 in 2700k
	194-197	Set inner cicle yellow, running 4-12 in 2700k
	198-201	Set inner cicle green, running 4-12 in 2700k
	202-205	Set inner cicle cyan, running 4-12 in 2700k
	206-209	Set inner cicle blue, running 4-12 in 2700k
	210-213	Set inner cicle purple, running 4-12 in 2700k
	214-217	Set inner cicle red, running 4-12 in 5600k
	218-221	Set inner cicle orange, running 4-12 in 5600k
	222-225	Set inner cicle yellow, running 4-12 in 5600k
	226-229	Set inner cicle green, running 4-12 in 5600k
	230-233	Set inner cicle cyan, running 4-12 in 5600k

CHANNEL	VALUE	FUNCTION
CH.16	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
CH.17	A SINGLEPOINT	
	0-9	NO FUNCTION
	10-12	1
	13-15	2
	16-18	3
	19-21	4
	22-24	5
	25-27	6
	28-30	7
	31-33	8
	34-36	9
	37-39	10
	40-42	11
	43-45	12
	46-49	1,2,3
	50-53	5,8,11
	54-57	6,7,8,9,4,12
	58-61	4,5,6
	62-65	7,8,9
	66-69	10,11,12
	70-73	4,5,6,7,8,9,10,11,12
	74-77	1,2,3,6,7,10,12

3.3DMXSETTING

MENU → ADDRESS → 001-512

- enter the DMX mode to set the dmx address.

•enter up/down select 1~512 address.

•enter menu return.

3.4 PERSONALITY

MENU → PERSON → HSIC(13CH) / PERSON1(13CH) / PERSON2(21CH) / CMY(15CH) / PIXEL(57CH)

- enter the person mode to select DMX mode: HSIC(13CH),PERSON 1(13CH),PERSON 2(21CH), CMY(15CH),PIXEL(57CH).

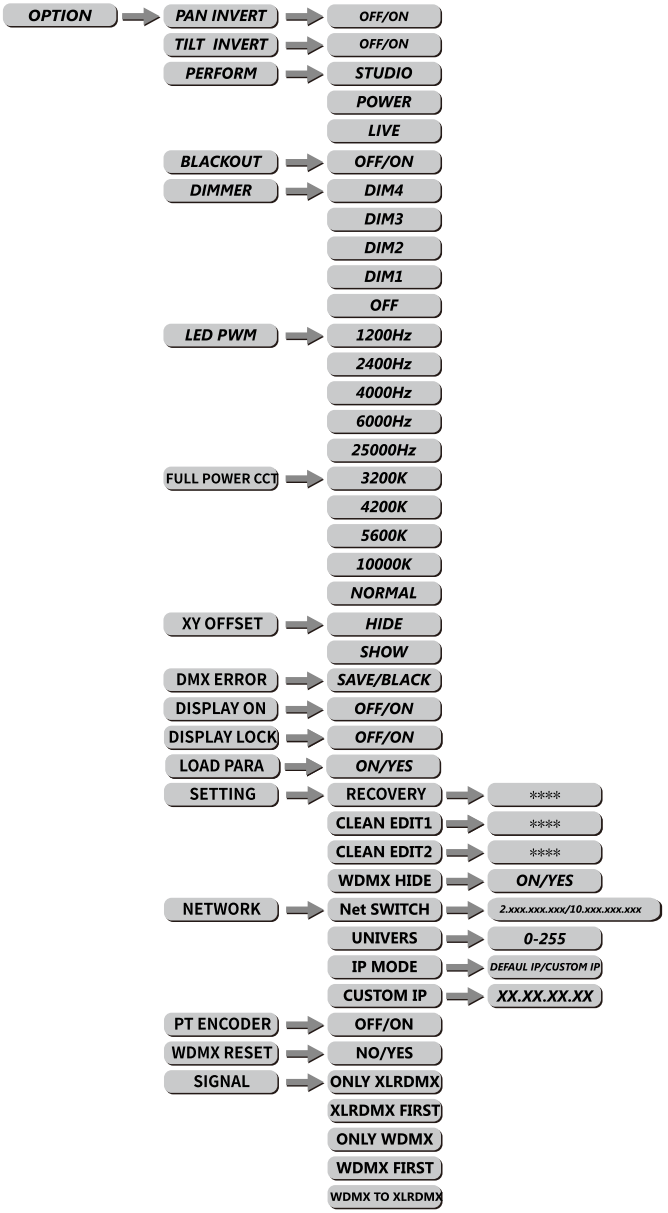
3.5 RUNMODE

MENU → RUN MODE → DMX512 / ARTNET / ARTNET TO DMX / sACN / AUTO / CUSTOM1 / CUSTOM2

- RUNMODE MENU : select required run mode,there are some modes inside: DMX512/ARTNET/ARTNE TO DMX/sACN/AUTO/CUSTOM1/CUSTOM2,run modes press down / up select mode.

•Press enter accept,press menu return.

3. 6 PERFORMANCE



CHANNEL	VALUE	FUNCTION
CH.13	CONTROL(停顿3s起效)	
	0-9	NO FUNCTION
	10-19	PAN/TILT BLACK ACTIVATED
	20-29	PAN/TILT BLACK DEACTIVATED
	30-39	PAN INVERT
	40-49	TILT INVERT
	50-59	PAN/TILT INVERT OFF
	60-79	FAN STUDIO
	80-89	FAN POWER
	90-99	FAN LIVE
	100-109	XY RESET
	110-119	RESET
	120-129	NO FUNCTION
	130-139	OFF
	140-149	DIM1
	150-159	DIM2
	160-169	DIM3
	170-179	DIM4
	180-255	NO FUNCTION

PERSON2

CHANNEL	VALUE	FUNCTION
CH.1	0-255	PAN
CH.2	0-255	PAN FINE
CH.3	0-255	TITL
CH.4	0-255	TITL FINE
CH.5	0-255	PT SPEED
CH.6	0-255	RED
CH.7	0-255	RED FINE
CH.8	0-255	GREEN
CH.9	0-255	GREEN FINE
CH.10	0-255	BLUE
CH.11	0-255	BLUE FINE
CH.12	0-255	WHTIE
CH.13	0-255	WHTIE FINE
CH.14	0-255	DIMMER
CH.15	0-255	DIMMER FINE

CHANNEL	VALUE	FUNCTION
CH.9	134-137	Set inner cicle orange, running 1-2-3 in 2700k
	138-141	Set inner cicle yellow, running 1-2-3 in 2700k
	142-145	Set inner cicle green, running 1-2-3 in 2700k
	146-149	Set inner cicle cyan, running 1-2-3 in 2700k
	150-153	Set inner cicle blue, running 1-2-3 in 2700k
	154-157	Set inner cicle purple, running 1-2-3 in 2700k
	158-161	Set inner cicle red, running 1-2-3 in 5600k
	162-165	Set inner cicle orange, running 1-2-3 in 5600k
	166-169	Set inner cicle yellow, running 1-2-3 in 5600k
	170-173	Set inner cicle green, running 1-2-3 in 5600k
	174-177	Set inner cicle cyan, running 1-2-3 in 5600k
	178-181	Set inner cicle blue, running 1-2-3 in 5600k
	182-185	Set inner cicle purple, running 1-2-3 in 5600k
	186-189	Set inner cicle red, running 4-12 in 2700k
	190-193	Set inner cicle orange, running 4-12 in 2700k
	194-197	Set inner cicle yellow, running 4-12 in 2700k
	198-201	Set inner cicle green, running 4-12 in 2700k
	202-205	Set inner cicle cyan, running 4-12 in 2700k
	206-209	Set inner cicle blue, running 4-12 in 2700k
	210-213	Set inner cicle purple, running 4-12 in 2700k
	214-217	Set inner cicle red, running 4-12 in 5600k
	218-221	Set inner cicle orange, running 4-12 in 5600k
	222-225	Set inner cicle yellow, running 4-12 in 5600k
	226-229	Set inner cicle green, running 4-12 in 5600k
	230-233	Set inner cicle cyan, running 4-12 in 5600k
	234-237	Set inner cicle blue, running 4-12 in 5600k
	238-241	Set inner cicle purple, running 4-12 in 5600k
	242-245	Inner circle red,outer circle blue,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	246-249	Inner circle green,outer circle red,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
	250-255	Inner circle blue,outer circle yellow,inner circle 1-3-2 running,outer circle 4-12 running in 10000k
CH.10	0-255	AUTO SPEED (Slow to Fast)
CH.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
CH.12	0-255	ZOOM

• • enter option into the machine set.

• **PAN INVERT:** select normal for normal direction,select invert for inverted of the pan dirrction.

• **TITL INVERT :** select normal for normal direction,select invert for inverted of the titl dirrction.

• **FANS :**
STUDIO:Noise control within 45dB, liniting power.
POWER:Noise control within 45dB, power reduction.
LIVE:Intelligent ad justment of wind speed, noise control within 55dB, power reduction, default to this mode.

• **BLACKOUT** 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.

• **LED PWM :** is PWM refresh rate bottom, press up/down to choose <1200hz>、〈2400hz>、〈4000hz>、〈6000hz>、〈25000hz>.

• Attention: the gray level of dimming will be reduced as the refresh rate increases.

• **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.

• **XY OFFSET** is the setting to hide the fine adjustment of the refresh frequency, select NO as not hidden, select YES as hidden,The default setting is YESct, SHOW as not
• hidden, select HIDE as hidden, The default setting is HIDE .

• **DMX RESET** menu:select DMX to allow remote reset using DMX controller or DISPLAY for reset only available at on-fixture display.

• **DMX ERROR menu:**select SAVE to maintain last command in case of DMX error or BLACK for blackout

• **DISPLAY ON :** choose off and on to close and open the display open & close mode in menu.

• **DISPLAY LOCK :** choose off and on to close and open the screen lock mode in menu

• **LOAD PARA :** to upload data, choose NO means do not upload data choose YES
• means upload data.

• **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"

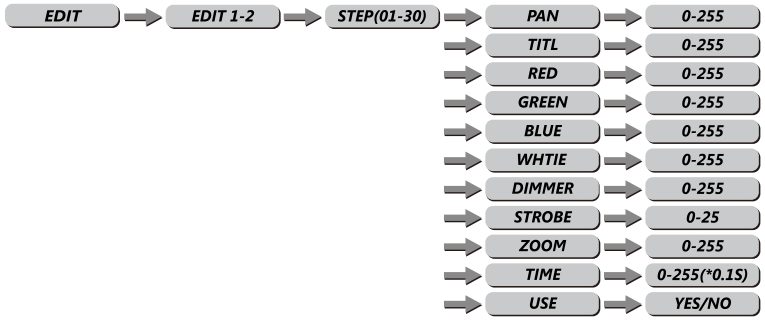
CLEAN EDIT1 : clean customer self-editing scene 1, press enter confirm
CLEAN EDIT2 : clean customer self-editing scene 2, press enter confirm.
WDMX HIDE : hide wireless mode, WDMX reset and signal hide and the default is Wired mode only.

- **NETWORK :** network setting, press enter in, depending on the mode, you can hide unwanted features. for example net switch=off IP mode=defaul.
  UNIVERS :is data bulk setting, output series 0~255.
  IP MODE : IP mode setting, default IP is default IP,
  CUSTOM IP :is customer's IP. Custom IP edit is customer's IP setting

- **PT ENCODER :**XY encoder switch,off is close,on is open.
- **WDMX RESET :** reset wireless resetting,use for patch wireless signal,yes is clear the Receiver's message,press again patch wireless signal, no do not clear the receiver'smessage.

- **SIGNAL :** is signal setting, only XLRDMX is wire only, XLRDMX first is wire first, only WDMX is wireless only.WDMX first is wireless first,WDMX to XLR DMX is wireless to wired.

3.7EDITSETTING



•Enter the Edit mode to edit the custom programs by adjusting the value of

• PAN ,TILT ,RED,GREEN,BLUE,WHTIE**,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

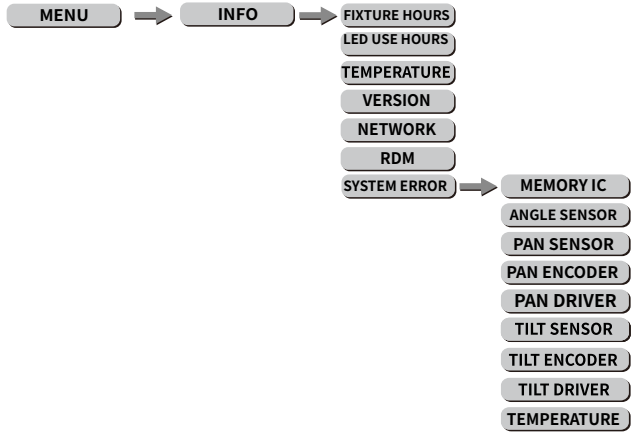
CHANNEL	VALUE	FUNCTION
	210-219	4200K
	220-229	5600K
	230-239	6500K
	240-255	8000K
CH.9	**A SINGLEPOINT**	
	0-9	NO FUNCTION
	10-12	1
	13-15	2
	16-18	3
	19-21	4
	22-24	5
	25-27	6
	28-30	7
	31-33	8
	34-36	9
	37-39	10
	40-42	11
	43-45	12
	46-49	1,2,3
	50-53	5,8,11
	54-57	6,7,8,9,4,12
	58-61	4,5,6
	62-65	7,8,9
	66-69	10,11,12
	70-73	4,5,6,7,8,9,10,11,12
	74-77	1,2,3,6,7,10,12
	78-81	1,2,3,4,6,8,10
	82-85	1,2,3,4,7,9,12
	86-89	1-2-3
	90-93	1-3-2
	94-97	4-5-6-7-8-9-10-11-12
	98-101	12-11-10-9-8-7-6-5-4
	102-105	1-2-3-4-5-6-7-8-9-10-11-12
	106-109	12-11-10-9-8-7-6-5-4-3-2-1
	110-113	(1-2-3)+(12-11-10-9-8-7-6-5-4)
	114-117	(1-3-2)+(4-5-6-7-8-9-10-11-12)
	118-121	4,5-6,7-8,9-10,11-12,4-5,6-7,8-9,10-11,12
	122-125	1,2,3-4,5,6,7,8,9,10,11,12
	126-129	1,6,7-2,9,10-3,4,12-8-11-5
	130-133	Set inner cicle red, running 1-2-3 in 2700k

CHANNEL	VALUE	FUNCTION
CH.13	80-89	FAN POWER
	90-99	FAN LIVE
	100-109	XY RESET
	110-119	RESET ALL
	120-129	NO FUNCTION
	130-139	OFF
	140-149	DIM1
	150-159	DIM2
	160-169	DIM3
	170-179	DIM4
	180-255	NO FUNCTION

PERSON1

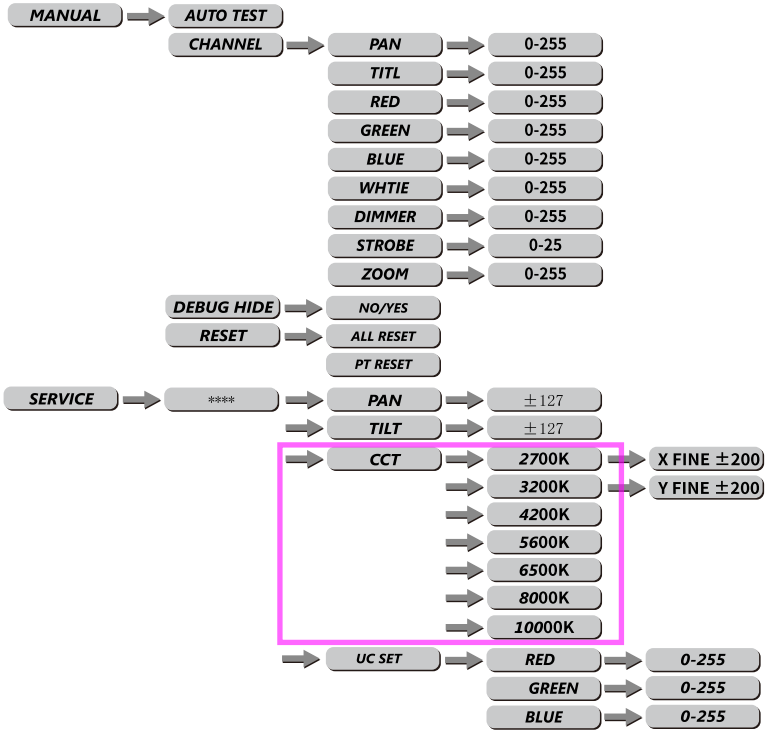
CHANNEL	VALUE	FUNCTION
CH.1	0-255	PAN
CH.2	0-255	TITL
CH.3	0-255	RED
CH.4	0-255	GREEN
CH.5	0-255	BLUE
CH.6	0-255	WHITE
CH.7	0-255	DIMMER
CH.8	**MARCOS**	
	0-9	NO FUNCTION
	10-29	RED 100% / GREEN UP / BLUE 0%
	30-49	RED DOWN / GREEN 100% / BLUE 0%
	50-69	RED 0% / GREEN 100% / BLUE UP
	70-89	RED 0% / GREEN 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

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.
  SYSTEM ERROR : system information error Memory IC, AngleSensor, Pan Sensor, Pan Encoder, Pan Drive, TiltSensor, TiltEncoder, TiltDrive, Temperature

3. 9 MANUAL



- enter the DMX mode to set the dmx address.
- Enter the Edit mode to edit the custom programs by adjusting the value of
- **PAN ,TILT ,RED,GREEN,BLUE,**WHTIE**,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
- **DEBUG HIDE :** is the factory testing mode.All stepper motors are not controlled by signal,It only works again after the reset. enter NO out,Enter Yes in.
- RESET:set the reset:
  ALL RESET :select Yes/No to carry out all reset.
  PT RESET :select Yes/No to carry out PAN/TILT reset.
- **PAN :** Pan position fine adjustment Push up and down buttons adjust ±127 value.
- **TILT :** Tilt position fine adjustment Push up and down buttons adjust ±127 value.
- **CCT :** s the color temperature choose bottom, press UP/DOWN to choose,under full power, 2700K、3200K、4200K、5600K、6500K、8000K、10000K.

4 USING A DMX512 CONTROLLER

4.1 Channel Assignment

Note: this product have DMX512 channel configuration: HSIC, PERSON1, PERSON2, CMY, PIXEL.

HSIC

CHANNEL	VALUE	FUNCTION
CH.1	0-255	PAN
CH.2	0-255	PAN FINE
CH.3	0-255	TITL
CH.4	0-255	TITL FINE
CH.5	0-255	PT SPEED
CH.6	0-255	INTENSIYT
CH.7	0-255	HUE
CH.8	0-255	HUE FINE
CH.9	0-255	SATURATION
CH.10	**CCT**	
	1-10	NO FUNCTION
	11-50	2700K
	51-90	3200K
	91-130	4200K
	131-170	5600K
	171-210	6500K
	211-255	8000K
CH.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
CH.12	0-255	ZOOM
	CONTROL(停顿3s起效)	
	0-9	NO FUNCTION
	10-19	PAN/TILT BLACK ACTIVATED
	20-29	PAN/TILT BLACK DEACTIVATED
	30-39	PAN INVERT
	40-49	TILT INVERT
	50-59	PAN/TILT INVERT OFF
	60-79	FAN STUDIO