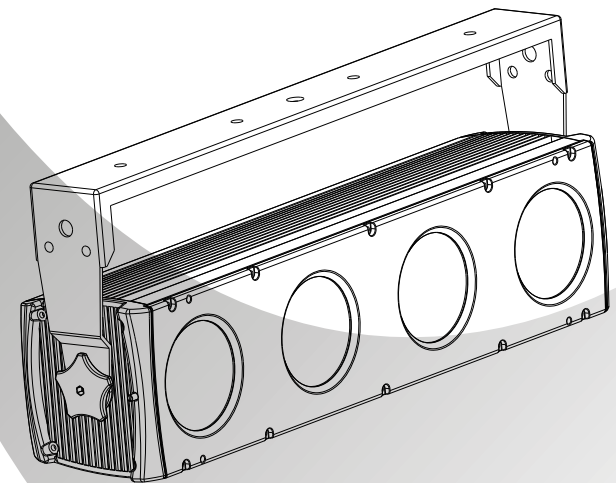


Xi4/ETZ

USER MANUAL



SS339

MODELS:SS339XCE/SS339XCET
SS339XAE/SS339XAET

 **SILVER STAR**
Professional Lighting

www.yajiang.cn

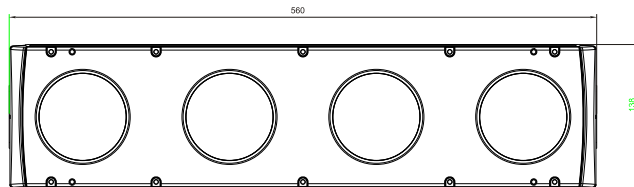
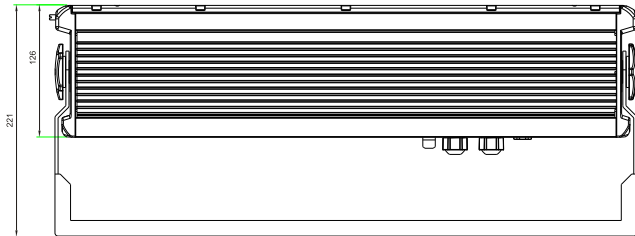
RD-SS339-SM-00(SS-I)

1 PRODUCT (GENERAL)

1.1 TECHNICAL SPECIFICATIONS

LED MODULE

Type	Model	Voltage	Operation Temperature	Weight	Dimensions 2 (mm)	Power (W)	IP
I	RGBW:40Wx4	AC100~240V 50/60Hz	-20~45	10	560x138x221	215	2X
II	RGBW:40Wx4						65
III	RGBA:40Wx4						2X
IV	RGBA:40Wx4						65



1.2 SAFETY WARNING

IMPORTANT:

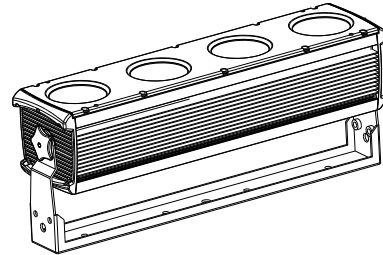
- This product must be installed by a qualified professional.
- All maintenance must be carried out by a qualified electrician.
- A minimum distance of 0.5m must be maintained between the equipment and a combustible surface.
- The product must always be operated in a well ventilated area.
- DO NOT stare 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

SINGLE FIXTURE RIGGING

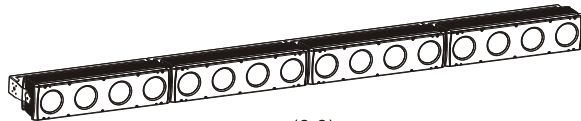
The fixture can be mounted in any orientation.



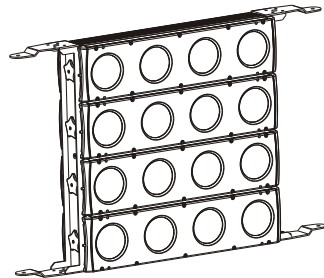
MULTIPLE FIXTURE RIGGING

STACKING ARRAY It is possible to build an array of fixtures as shown in (2.3). This is done by removing the mounting bracket from all fixtures and then using 2 brackets to mount all fixtures together as an array. The array can be rigged using the two clamp holes at the top of the array.

LONG ARRAY It is possible to bolt the fixtures end-to-end using 2 x M8 bolts provided with the fixture. When rigging the array horizontally the array must be rigged at both the first and the last fixture. When rigging vertically the first fixture must be securely rigged. A long array may mount a maximum of 4 fixtures (mounted vertically or horizontally).



(2.2)



(2.3)



NOTE The LED MODULE can be mounted at any angle and in any position. It is possible to further adjust the angle of the LED MODULE using the two adjustment knobs located on the side of the fixture.

2.2 POWER CONNECTIONS

@ 220V: 7 units may be connected in series

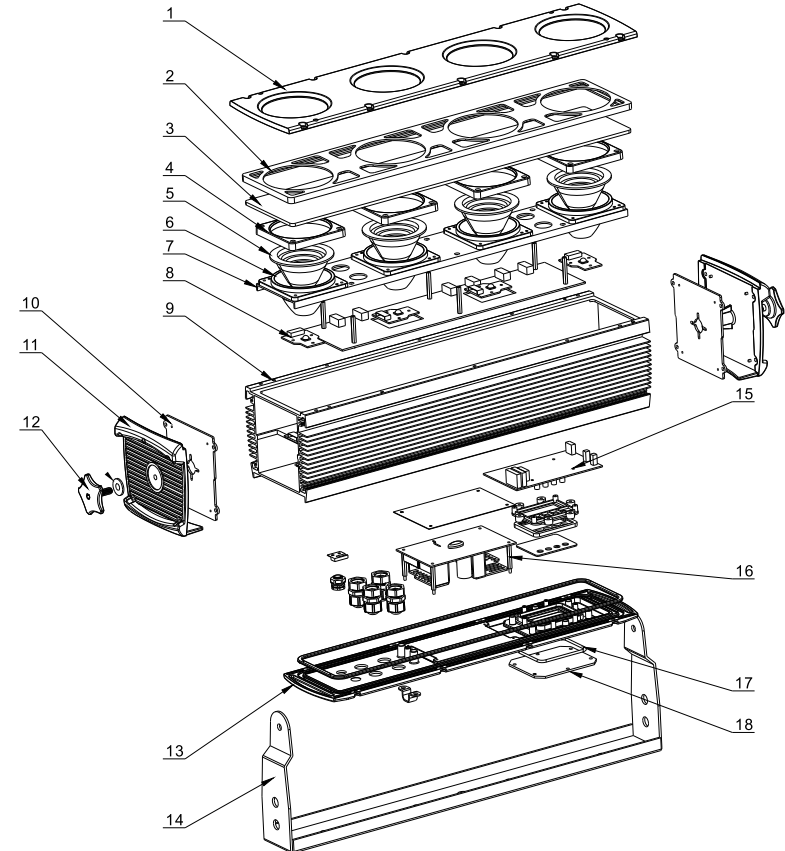
@ 110V: 4 units may be connected in series

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.

5 APPENDIX

5.1 PARTS DIAGRAM



NO	ITEM	NO	ITEM
1	339 Front cover	10	339 Side cover waterproof gasket
2	339 Glass waterproof gasket	11	339 Side cover
3	Tempered glass	12	Hand shank bolt
4	339 Lens holder up	13	339 PS support
5	Φ 80 Lens	14	339 Hanging bracket
6	339 Lens holder down	15	Display PCB
7	339 Lens mounting bracket	16	Power Supply stanchion
8	LED board	17	Display PCB waterproof gasket
9	339 Pull aluminum housing	18	Display screen protection plate

ARC2

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	RED
2	0 ↔ 255	GREEN
3	0 ↔ 255	BLUE
4	0 ↔ 255	WHITE/AMBR

AR2.D

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	DIMMER
2	0 ↔ 255	RED
3	0 ↔ 255	GREEN
4	0 ↔ 255	BLUE
5	0 ↔ 255	WHITE/AMBR

AR2.S

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	DIMMER
2	0 ↔ 255	RED
3	0 ↔ 255	GREEN
4	0 ↔ 255	BLUE
5	0 ↔ 255	WHITE/AMBR
6	0 ↔ 255	CLASSIC STROBE

HSV

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	HUE
2	0 ↔ 255	SATURATION
3	0 ↔ 255	VALUE

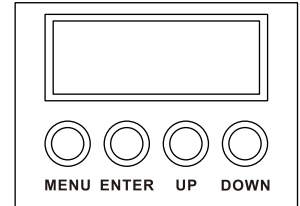
HALO

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	PIXEL 1 DIMMER 2700K
2	0 ↔ 255	PIXEL 2 DIMMER 2700K
3	0 ↔ 255	PIXEL 3 DIMMER 2700K
4	0 ↔ 255	PIXEL 4 DIMMER 2700K

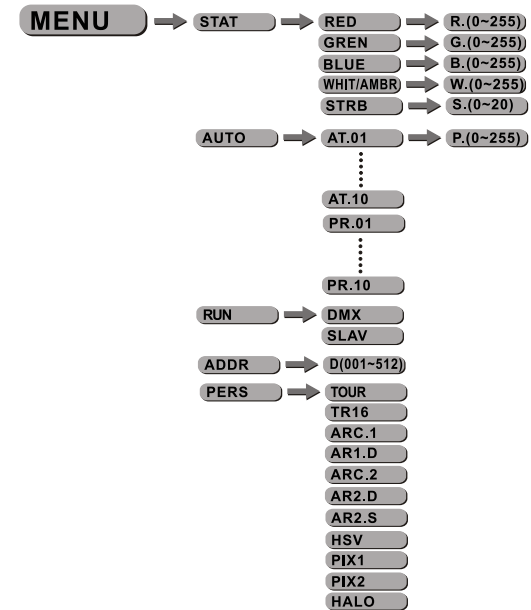
3 DISPLAY PANEL OPERATION

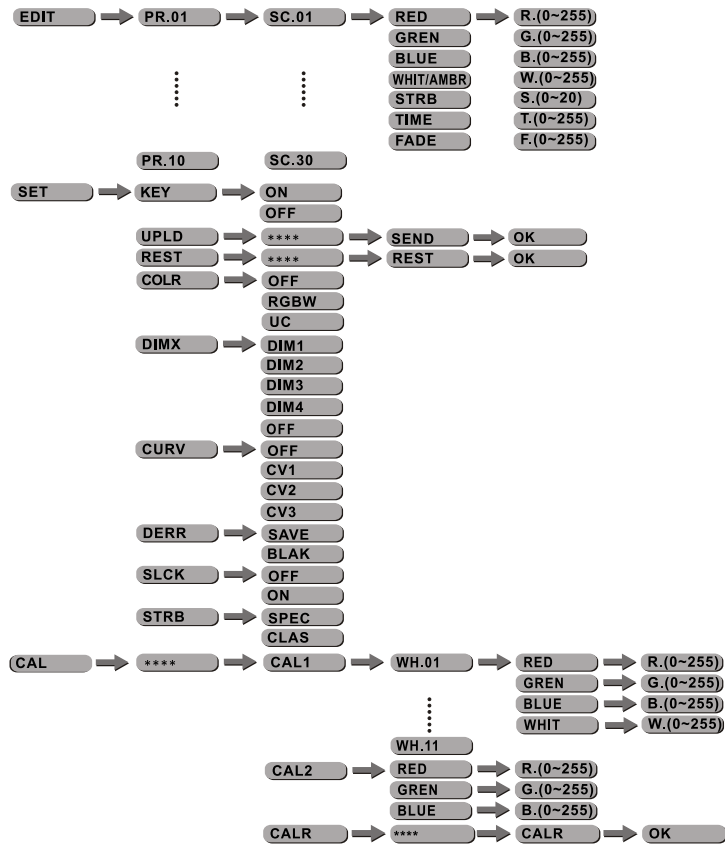
3.1 DISPLAY OPERATION

- 【 MENU 】 return to the previous menu.
- 【 ENTER 】 enter the currently selected menu.
- 【 UP 】 scroll down through the current menu list or decrease the value of the current function.
- 【 DOWN 】 scroll up through the current menu list or increase the value of the current function.



3.2 MENU MAP





PIX2

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	PIXEL 1 - RED
2	0 ↔ 255	PIXEL 1 - GREEN
3	0 ↔ 255	PIXEL 1 - BLUE
4	0 ↔ 255	PIXEL 1 - WHITE/AMBR
5	0 ↔ 255	PIXEL 2 - RED
6	0 ↔ 255	PIXEL 2 - GREEN
7	0 ↔ 255	PIXEL 2 - BLUE
8	0 ↔ 255	PIXEL 2 - WHITE/AMBR
9	0 ↔ 255	PIXEL 3 - RED
10	0 ↔ 255	PIXEL 3 - GREEN
11	0 ↔ 255	PIXEL 3 - BLUE
12	0 ↔ 255	PIXEL 3 - WHITE/AMBR
13	0 ↔ 255	PIXEL 4 - RED
14	0 ↔ 255	PIXEL 4 - GREEN
15	0 ↔ 255	PIXEL 4 - BLUE
16	0 ↔ 255	PIXEL 4 - WHITE/AMBR

ARC1

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	RED
2	0 ↔ 255	GREEN
3	0 ↔ 255	BLUE

ARI.D

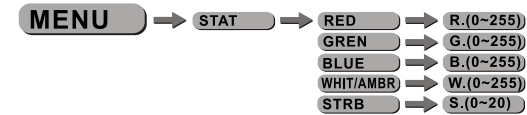
CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	DIMMER
2	0 ↔ 255	RED
3	0 ↔ 255	GREEN
4	0 ↔ 255	BLUE

CHANNEL	VALUE	FUNCTION
16		PIXEL SELECTION
	0 ↔ 9	PIX 1,2,3,4 (STATIC)
	10 ↔ 19	PIX 1 (STATIC)
	20 ↔ 29	PIX 2 (STATIC)
	30 ↔ 39	PIX 3 (STATIC)
	40 ↔ 49	PIX 4 (STATIC)
	50 ↔ 59	PIX 1,2 (STATIC)
	60 ↔ 69	PIX 1,3 (STATIC)
	70 ↔ 79	PIX 1,4 (STATIC)
	80 ↔ 89	PIX 2,3 (STATIC)
	90 ↔ 99	PIX 2,4 (STATIC)
	100 ↔ 109	PIX 3,4 (STATIC)
	110 ↔ 119	PIX 1,2,3 (STATIC)
	120 ↔ 129	PIX 1,2,4 (STATIC)
	130 ↔ 139	PIX 1,3,4 (STATIC)
	140 ↔ 149	PIX 2,3,4 (STATIC)
	150 ↔ 159	PIX 1,2,3,4 (STATIC)
	160 ↔ 179	CHASE LEFT-TO-RIGHT (slow to fast)
	180 ↔ 199	CHASE RIGHT-TO-LEFT (slow to fast)
	200 ↔ 219	CHASE LEFT-RIGHT-LEFT (slow to fast)
	200 ↔ 239	RANDON (slow to fast)
	240 ↔ 255	PIX 1,2,3,4 (STATIC)

PIX1

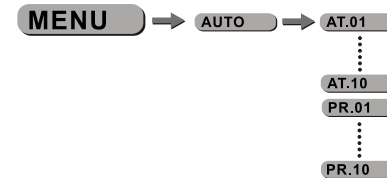
CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	PIXEL 1 - RED
2	0 ↔ 255	PIXEL 1 - GREEN
3	0 ↔ 255	PIXEL 1 - BLUE
4	0 ↔ 255	PIXEL 2 - RED
5	0 ↔ 255	PIXEL 2 - GREEN
6	0 ↔ 255	PIXEL 2 - BLUE
7	0 ↔ 255	PIXEL 3 - RED
8	0 ↔ 255	PIXEL 3 - GREEN
9	0 ↔ 255	PIXEL 3 - BLUE
10	0 ↔ 255	PIXEL 4 - RED
11	0 ↔ 255	PIXEL 4 - GREEN
12	0 ↔ 255	PIXEL 4 - BLUE

3.3 EDIT STATIC COLOUR



- Combine **Red** , **Green** , **Blue** , **White** and **Ambr** to create an infinite range of colors (0-255)
- Set the value of the **Strobe** (0-20Hz)

3.4 ACTIVATING AUTO PROGRAMS



- Select the target **AUTO** program and press **ENTER** .
- Programs **AT.01** to **AT.10** are fully pre-programmed and will not be altered by changes in **EDIT** mode.
- Programs **PR.01** to **PR.10** are fully pre-programmed and can be edited in **EDIT** mode.

3.5 RUN MODE



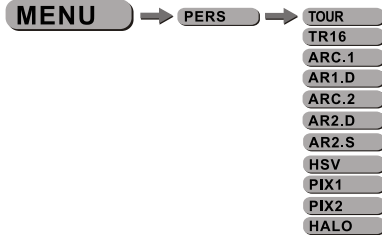
- Enter the **RUN** mode to set working mode.
- **DMX** mode is for using the DMX512 controller to control the fixtures.
- **SLAV** mode is for Master -- Slave operation.

3.6 DMX512 SETTINGS



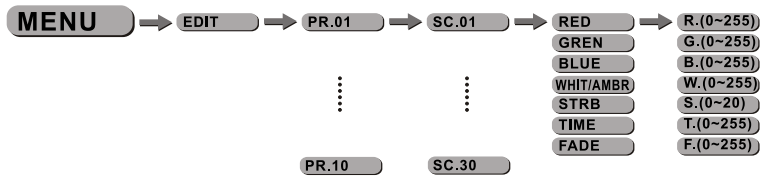
- Enter the **【ADDR】** mode to set the DMX ADDRESS.

3.7 PERSONALITY



- Enter the **【PERSONALITY】** mode to select DMX mode: **【TOUR】** **【TR16】** , **【ARC.1】** , **【AR1.D】** , **【ARC.2】** **【AR2.D】** , **【AR2.S】** , **【HSV】** , **【PIX1】** , **【PIX2】** , **【HALO】** .

3.8 EDITING CUSTOM PROGRAMS

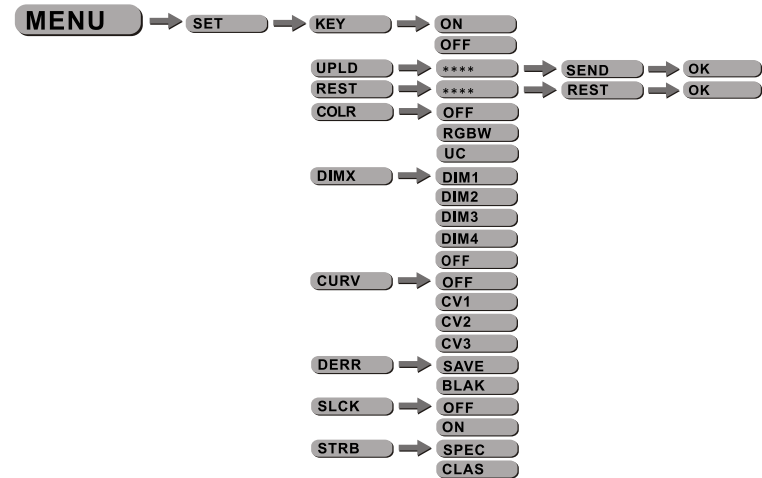


- Enter the **【EDIT】** mode to edit the custom programs **【PR.01】** to **【PR.10】** .
- Each custom program has 30 steps that can be edited.
- Each step allows the creation of a scene using RED **【Red】** , GREEN **【Green】** , BLUE **【Blue】** , WHITE **【White】** , AMBR **【Ambr】** , **STRB【Strb】** , TIME **【Time】** & FADE **【Fade】** .

CHANNEL	VALUE	FUNCTION
13		AUTO
	0 ↔ 40	NO FUNCTION
	41 ↔ 50	AUTO01
	51 ↔ 60	AUTO02
	61 ↔ 70	AUTO03
	71 ↔ 80	AUTO04
	81 ↔ 90	AUTO05
	91 ↔ 100	AUTO06
	101 ↔ 110	AUTO07
	111 ↔ 120	AUTO08
	121 ↔ 130	AUTO09
	131 ↔ 140	AUTO10
	141 ↔ 150	CUSTOM01
	151 ↔ 160	CUSTOM02
161 ↔ 170	CUSTOM03	
171 ↔ 180	CUSTOM04	
181 ↔ 190	CUSTOM05	
191 ↔ 200	CUSTOM06	
201 ↔ 210	CUSTOM07	
211 ↔ 220	CUSTOM08	
221 ↔ 230	CUSTOM09	
231 ↔ 255	CUSTOM10	
14		AUTO SPEED
	0 ↔ 255	AUTO SPEED (Slow to fast)
15		DIMMER SPEED
	0 ↔ 9	RETURN SETTINGS
	10 ↔ 29	NORMAL
	30 ↔ 69	DIM 1
	70 ↔ 129	DIM 2
	130 ↔ 189	DIM 3
	190 ↔ 255	DIM 4

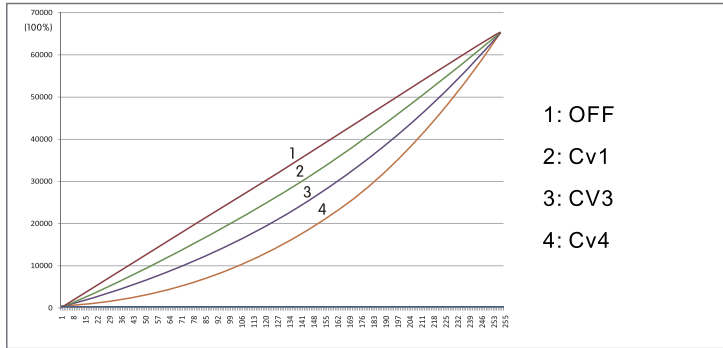
CHANNEL	VALUE	FUNCTION
12		SPECIAL STROBE
	0 ↔ 9	No strobe
	10 ↔ 99	Strobe (slow to fast)
	100 ↔ 109	No strobe
	110 ↔ 179	Lightning strobe (slow to fast)
	180 ↔ 189	No strobe
	190 ↔ 255	Random strobe (slow to fast)
		CLASSIC STROBE
	0 ↔ 9	0Hz
	10 ↔ 19	1Hz
	20 ↔ 29	2Hz
	30 ↔ 39	3Hz
	40 ↔ 49	4Hz
	50 ↔ 59	5Hz
	60 ↔ 69	6Hz
	70 ↔ 79	7Hz
	80 ↔ 89	8Hz
	90 ↔ 99	9Hz
	100 ↔ 109	10Hz
	110 ↔ 119	11Hz
	120 ↔ 129	12Hz
	130 ↔ 139	13Hz
	140 ↔ 149	14Hz
	150 ↔ 159	15Hz
	160 ↔ 169	16Hz
	170 ↔ 179	17Hz
180 ↔ 189	18Hz	
190 ↔ 199	19Hz	
200 ↔ 255	20Hz	

3.9 SPECIAL SETTINGS



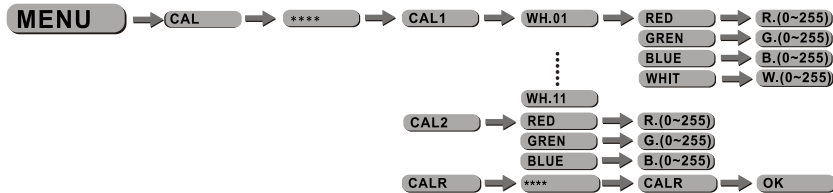
- [SET]...this menu allows the user to adjust key operation settings for this fixture. [KEY]...select [ON] for automatic lock-out. Password to re-enter the display is <UP> + <DOWN> + <UP> + <DOWN>.
- Select [UPLD] to upload the custom programs from the current MASTER unit to the SLAVE units.
- In order to reset custom modes to default values select [REST].
- [COLR] is for activate/unactivate the color calibration functions. When [RGBW] is selected, on RGB = 255,255,255, the color is displayed as calibrated in CAL2 -- RGBW. When [COLR] 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.
- Select [DIM1], [DIM2], [DIM3] or [DIM4] for different dimming speeds. ([DIM4] is the slowest dimming speed)
- [CURV] allows the user to adjust the shape of the dimming curve. See the CURV chart to understand more about actual dimming curves.
- [DERR] Choose [Save] in order to save the last DMX data in case of DMX signal error. Choose [Black] in order to blackout in case of DMX signal error.
- [SLCK] is used to lock the settings menu. When [SLCK] is set to [ON] then user must insert passcode (UP+DOWN+UP+DOWN) in order to access the settings menu.
- [STRB] This fixture allows for two different strobe personality settings, [CLAS] strobe or [SPEC] strobe. The [STRB] settings are only valid in the DMX personalities [TOUR], [AR2.S] and [TR16]

CURV dimming



3.10 BALANCE PARAMETERS AND CORRECTION MENU DISPLAY

Press **[MENU]** button to enter the password confirmation, to enter the correct password < UP + DOWN + UP + DOWN >
Key, press the **[MENU]** in, the correct password will enter show submenu



- Enter the **[CAL1]** to select white color of different color temperature.
- There are 11 pre-programmed White colors can be edited by using **[Red]** , **[Green]** , **[Blue]** & **[White]** .
- Enter the **[CAL2]** 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 **[CAL2]** .

TR16

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	MASTER DIMMER
2	0 ↔ 255	MASTER DIMMER FINE
3	0 ↔ 255	RED
4	0 ↔ 255	RED FINE
5	0 ↔ 255	GREEN
6	0 ↔ 255	GREEN FINE
7	0 ↔ 255	BLUE
8	0 ↔ 255	BLUE FINE
9	0 ↔ 255	WHITE/AMBR
10	0 ↔ 255	WHITE/AMBR FINE
11		COLOR MACRO & WHITE
	0 ↔ 10	NO FUNCTION
	11 ↔ 30	RED 100% / GREEN UP / BLUE 0%
	31 ↔ 50	RED DOWN / GREEN 100% / BLUE 0%
	51 ↔ 70	RED 0% / GREEN 100% / BLUE UP
	71 ↔ 90	RED 0% / GREEN DOWN / BLUE 100%
	91 ↔ 110	RED UP / GREEN 0% / BLUE 100%
	111 ↔ 130	RED 100% / GREEN 0% / BLUE DOWN
	131 ↔ 150	RED 100% / GREEN UP / BLUE UP
	151 ↔ 170	RED DOWN / GREEN DOWN / BLUE 100%
	171 ↔ 200	RED 100% / GREEN 100% / BLUE 100% / WHITE 100%
	201 ↔ 205	WHITE1: 3200K
	206 ↔ 210	WHITE2: 3400K
	211 ↔ 215	WHITE3: 4200K
	216 ↔ 220	WHITE4: 4900K
	221 ↔ 225	WHITE5: 5600K
	226 ↔ 230	WHITE6: 5900K
231 ↔ 235	WHITE7: 6500K	
236 ↔ 240	WHITE8: 7200K	
241 ↔ 245	WHITE9: 8000K	
246 ↔ 250	WHITE10: 8500K	
251 ↔ 255	WHITE11: 10000K	

CHANNEL	VALUE	FUNCTION
11		PIXEL SELECTION
	0 ↔ 9	PIX 1,2,3,4 (STATIC)
	10 ↔ 19	PIX 1 (STATIC)
	20 ↔ 29	PIX 2 (STATIC)
	30 ↔ 39	PIX 3 (STATIC)
	40 ↔ 49	PIX 4 (STATIC)
	50 ↔ 59	PIX 1,2 (STATIC)
	60 ↔ 69	PIX 1,3 (STATIC)
	70 ↔ 79	PIX 1,4 (STATIC)
	80 ↔ 89	PIX 2,3 (STATIC)
	90 ↔ 99	PIX 2,4 (STATIC)
	100 ↔ 109	PIX 3,4 (STATIC)
	110 ↔ 119	PIX 1,2,3 (STATIC)
	120 ↔ 129	PIX 1,2,4 (STATIC)
	130 ↔ 139	PIX 1,3,4 (STATIC)
	140 ↔ 149	PIX 2,3,4 (STATIC)
	150 ↔ 159	PIX 1,2,3,4 (STATIC)
	160 ↔ 179	CHASE LEFT-TO-RIGHT (SLOW TO FAST)
	180 ↔ 199	CHASE RIGHT-TO-LEFT (SLOW TO FAST)
	200 ↔ 219	CHASE LEFT-RIGHT-LEFT (SLOW TO FAST)
	200 ↔ 239	RANDON (SLOW TO FAST)
	240 ↔ 255	PIX 1,2,3,4 (STATIC)

4 USING A DMX512 CONTROLLER

4.1 CHANNEL ASSIGNMENT

- Note: This product have eleven DMX512 channel configuration: TOUR / TR16 / ARC1 / AR1.D / ARC2 / AR2.D / AR2.S / HSV / PIX.1 / PIX.2 / HALO

TOUR

CHANNEL	VALUE	FUNCTION
1	0 ↔ 255	MASTER DIMMER
2	0 ↔ 255	RED
3	0 ↔ 255	GREEN
4	0 ↔ 255	BLUE
5	0 ↔ 255	WHITE/AMBR
6		COLOR MACRO & WHITE
	0 ↔ 10	NO FUNCTION
	11 ↔ 30	RED 100% / GREEN UP / BLUE 0%
	31 ↔ 50	RED DOWN / GREEN 100% / BLUE 0%
	51 ↔ 70	RED 0% / GREEN 100% / BLUE UP
	71 ↔ 90	RED 0% / GREEN DOWN / BLUE 100%
	91 ↔ 110	RED UP / GREEN 0% / BLUE 100%
	111 ↔ 130	RED 100% / GREEN 0% / BLUE DOWN
	131 ↔ 150	RED 100% / GREEN UP / BLUE UP
	151 ↔ 170	RED DOWN / GREEN DOWN / BLUE 100%
	171 ↔ 200	RED 100% / GREEN 100% / BLUE 100% / WHITE 100%
	201 ↔ 205	WHITE1: 3200K
	206 ↔ 210	WHITE2: 3400K
	211 ↔ 215	WHITE3: 4200K
	216 ↔ 220	WHITE4: 4900K
	221 ↔ 225	WHITE5: 5600K
	226 ↔ 230	WHITE6: 5900K
	231 ↔ 235	WHITE7: 6500K
	236 ↔ 240	WHITE8: 7200K
	241 ↔ 245	WHITE9: 8000K
246 ↔ 250	WHITE10: 8500K	
251 ↔ 255	WHITE11: 10000K	

CHANNEL	VALUE	FUNCTION
7		SPECIAL STROBE
	0 ↔ 9	No strobe
	10 ↔ 99	Strobe (slow to fast)
	100 ↔ 109	No strobe
	110 ↔ 179	Lightning strobe (slow to fast)
	180 ↔ 189	No strobe
	190 ↔ 255	Random strobe (slow to fast)
		CLASSIC STROBE
	0 ↔ 9	0Hz
	10 ↔ 19	1Hz
	20 ↔ 29	2Hz
	30 ↔ 39	3Hz
	40 ↔ 49	4Hz
	50 ↔ 59	5Hz
	60 ↔ 69	6Hz
	70 ↔ 79	7Hz
	80 ↔ 89	8Hz
	90 ↔ 99	9Hz
	100 ↔ 109	10Hz
	110 ↔ 119	11Hz
	120 ↔ 129	12Hz
	130 ↔ 139	13Hz
	140 ↔ 149	14Hz
	150 ↔ 159	15Hz
	160 ↔ 169	16Hz
	170 ↔ 179	17Hz
	180 ↔ 189	18Hz
	190 ↔ 199	19Hz
	200 ↔ 255	20Hz

CHANNEL	VALUE	FUNCTION
8		AUTO
	0 ↔ 40	NO FUNCTION
	41 ↔ 50	AUTO01
	51 ↔ 60	AUTO02
	61 ↔ 70	AUTO03
	71 ↔ 80	AUTO04
	81 ↔ 90	AUTO05
	91 ↔ 100	AUTO06
	101 ↔ 110	AUTO07
	111 ↔ 120	AUTO08
	121 ↔ 130	AUTO09
	131 ↔ 140	AUTO10
	141 ↔ 150	CUSTOM01
	151 ↔ 160	CUSTOM02
	161 ↔ 170	CUSTOM03
	171 ↔ 180	CUSTOM04
	181 ↔ 190	CUSTOM05
	191 ↔ 200	CUSTOM06
	201 ↔ 210	CUSTOM07
	211 ↔ 220	CUSTOM08
221 ↔ 230	CUSTOM09	
231 ↔ 255	CUSTOM10	
9		AUTO SPEED
	0 ↔ 255	Since the walking speed (slow to fast)
10		DIMMER SPEED
	0 ↔ 9	RETURN SETTINGS
	10 ↔ 29	NORMAL
	30 ↔ 69	DIM 1
	70 ↔ 129	DIM 2
	130 ↔ 189	DIM 3
190 ↔ 255	DIM 4	