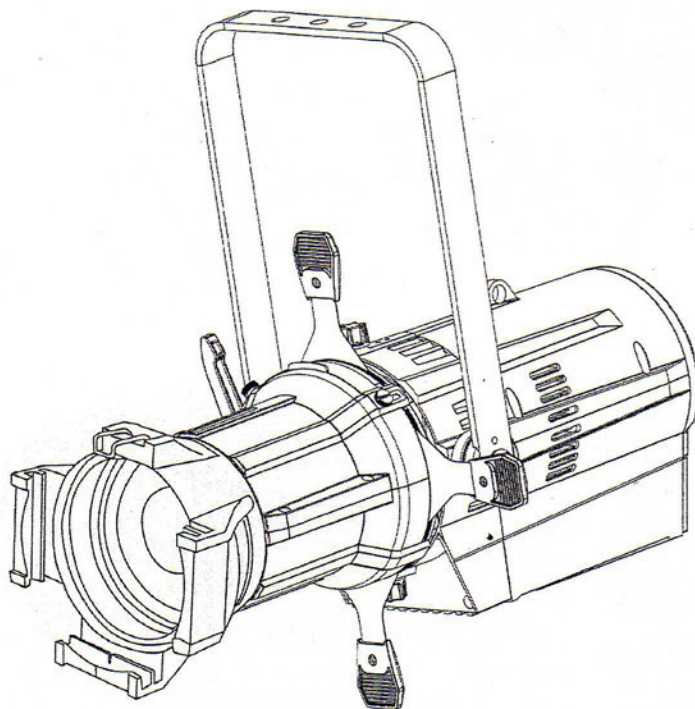




LED PROFILE 750 RGBW

SH-LED750RGBW

USER MANUAL



1 PRODUCT SPECIFICATIONS

1.1 PRODUCT SPECIFICATIONS

- ◆ Voltage: AC100~240V, 50/60Hz
- ◆ Max Power: 180W
- ◆ Size: 720x380x340mm
- ◆ Weight: 9.6kg (With lens barrel)

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2 SAFETY WARNING

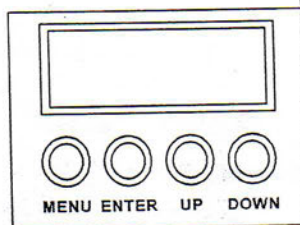
IMPORTANT:

- 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.

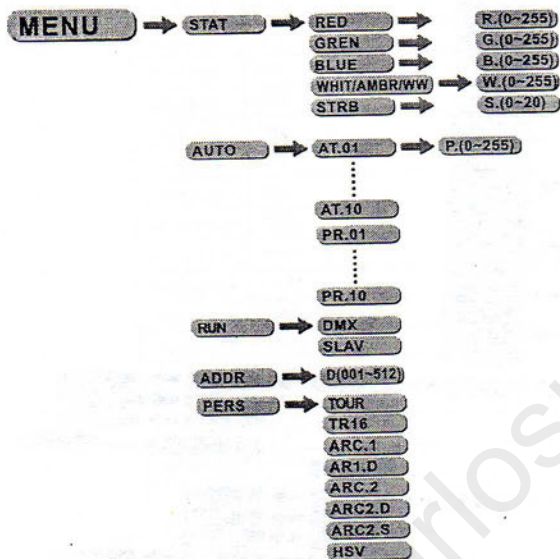
3 DISPLAY PANEL OPERATION

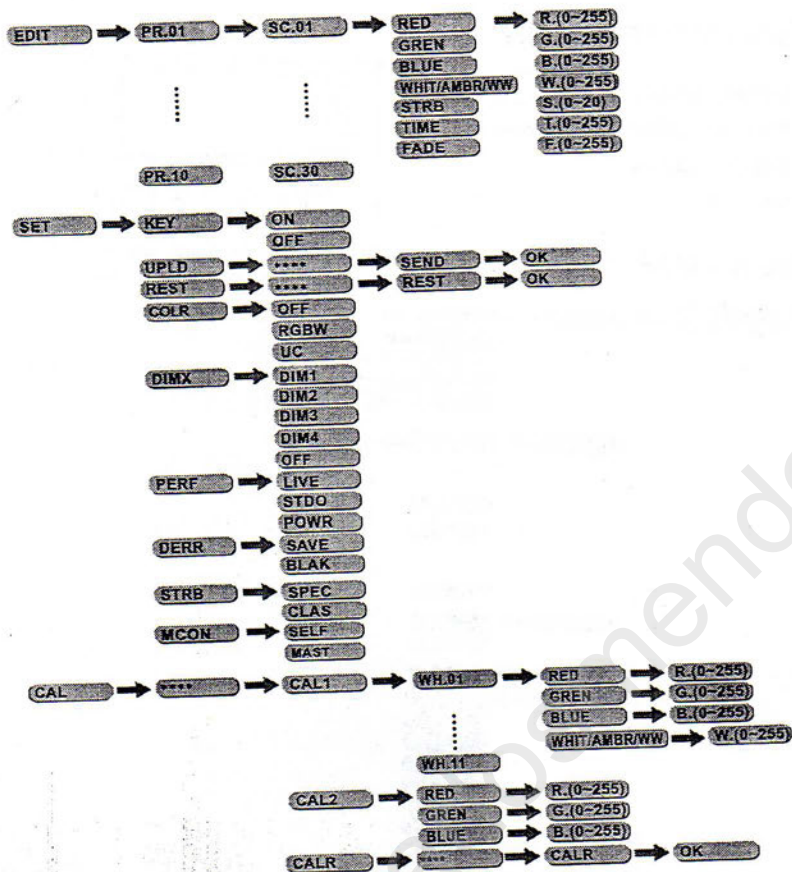
3.1 DISPLAY OPERATION

- ◆ MENU: BACK;
- ◆ ENTER: ENTER OR SAVE;
- ◆ DOWN: DOWN;
- ◆ UP: UP;



3.2 MENU MAP



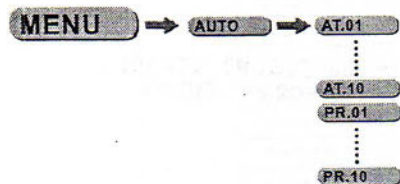


3.3 EDIT STATIC COLOUR



- Combine **[Red]**, **[Green]**, **[Blue]**, **[White]** **[Ambr]** **[WW]** 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



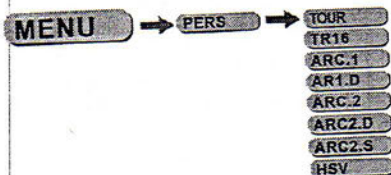
- Enter the **[RUN]** mode to set working mode.
- **[DMX]** mode is for using the DMX512 controller to control the fixtures.
- **[SLAV]** mode is for Master -- Slave operation.

3.6 DMX512 SETTINGS



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

3.7 PERSONALITY



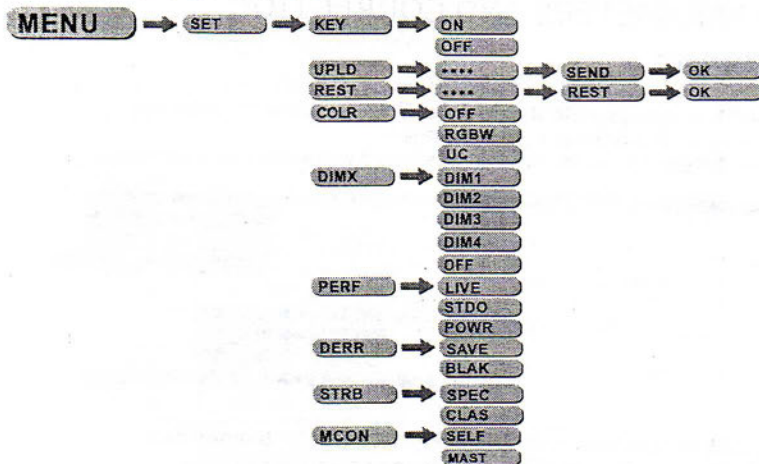
- Enter the **【PERSONALITY】** mode to select DMX mode: **【TOUR】** **【TR16】**, **【ARC.1】**, **【ARC.2】**, **【ARC2.D】**, **【ARC2.S】**, **【HSV】**

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】**, **【Green】**, **【Blue】**, **【White】** / **【Ambr】** / **【WW】**, **【Strb】**, **【Time】** & **【Fade】**.

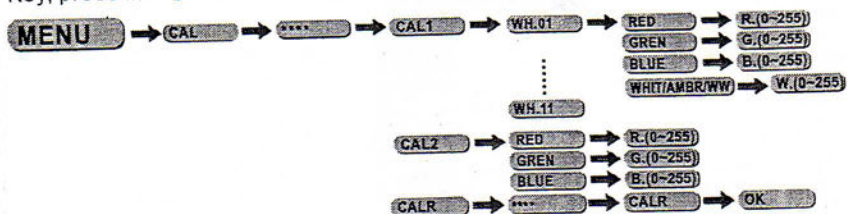
3.9 SPECIAL SETTINGS



- [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)
- [PERF]...this setting allows the user to select the performance characteristics of the fixture.
- [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.
- [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]
- [MCON]...this function allows the user to select whether the fixture will send DMX data to other fixtures during stand-alone operation. The [MAST] setting allows data to be sent to other fixtures. The [SELF] setting is default and will not send DMX data to other fixtures.

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】** / **【Ambr】** / **【WW】** .
- 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】** .

4 USING A DMX512 CONTROLLER

4.1 CHANNEL ASSIGNMENT

- Note: This product have Various DMX512 channel configuration: TOUR / TR16 / ARC1 / AR1.D / ARC.2 / ARC2.D / ARC2.S / HSV

TOUR

CHANNEL	VALUE	FUNCTION
1	0 ⇄ 255	MASTER DIMMER
2	0 ⇄ 255	RED (When using CH8, PR01-10, CH2 contro TIME)
3	0 ⇄ 255	GREEN (When using CH8, PR01-10, CH3 contro FADE)
4	0 ⇄ 255	BLUE
5	0 ⇄ 255	WHITE/AMBR/WW
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	ALL LED AT FULL OUTPUT
	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(When you select the <SPEC>, setting menu<STR B>)
	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(When you select the <SPEC>, setting menu<STR B>)
	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

TR16

CHANNEL	VALUE	FUNCTION
1	0 ⇄ 255	MASTER DIMMER
2	0 ⇄ 255	MASTER DIMMER FINE (When using CH13, PR01-10, CH2 contro ITIME)
3	0 ⇄ 255	RED (When using CH13, PR01-10, CH3 contro FADE)
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/WW
10	0 ⇄ 255	WHITE FINE /AMBR FINE /WW 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	ALL LED AT FULL OUTPUT
	201 ⇄ 205	WHITE1: 3200K
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	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
12		SPECIAL STROBE(When you select the <SPEC>, setting menu<STR B>)
	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(When you select the <SPEC>, setting menu<STR B>)
	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
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	Since the walking 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

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

ARC2

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

ARC2.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/WW

ARC2.S

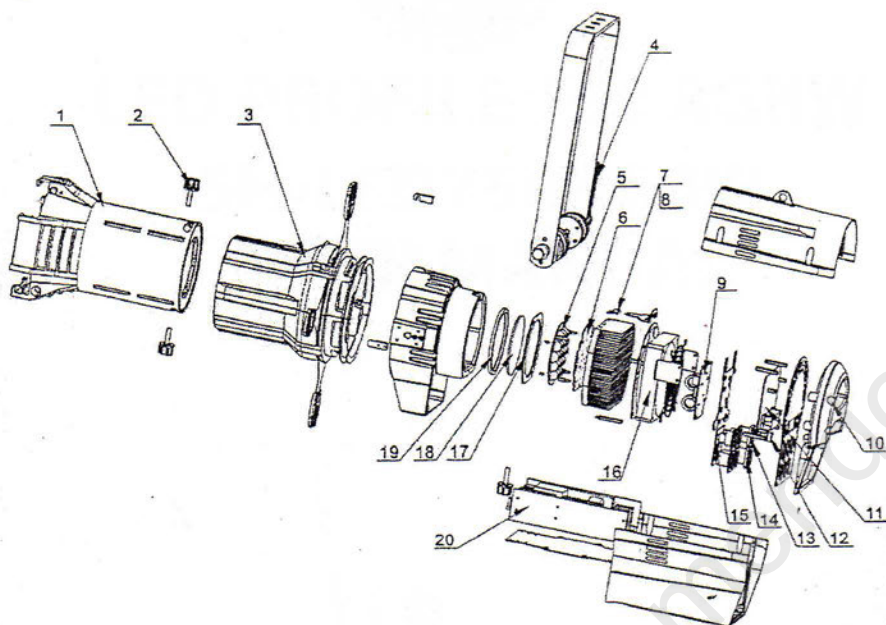
CHANNEL	VALUE	FUNCTION
1	0 ⇄ 255	DIMMER
2	0 ⇄ 255	RED
3	0 ⇄ 255	GREEN
4	0 ⇄ 255	BLUE
5	0 ⇄ 255	WHITE/AMBR/WW
6	0 ⇄ 255	CLASSIC STROBE

HSV

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

5 APPENDIX

5.1 PARTS DIAGRAM



NO	ITEM
1	Focus tube components(19°ED)
	Focus tube components(26°ED)
	Focus tube components(36°ED)
	Focus tube components(50°ED)
2	Handwring screw
3	Light tube components
4	M10 hand shank
5	15 degree lens(19 in 1)
6	LED board
7	Thermal switch holder

NO	ITEM
9	Driver board
10	Afterbody plastic handle
11	Display PCB
12	Fuse holder
13	PS socket (male)
14	PS socket (male)
15	Adaptor PCB
16	Fan
17	92 lens fixed cover
18	Φ92 convex lens
19	92 lens fixed cover