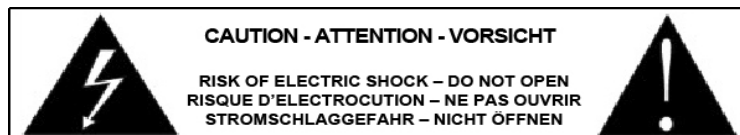


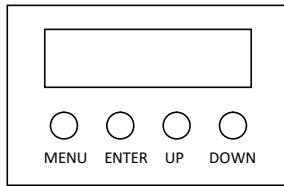
# COLORBAR24

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24x10w RGBWA Bar Light



## INSTRUCTION OF BUTTONS



**Key code :** UP, DOWN, UP, DOWN + ENTER

**UP :** Use to choose operating mode, DMX address or to set parameters

**DOWN :** Use to choose operating mode, DMX address or to set parameters

**ENTER :** Use to validate your choice

**MENU :** Use to select a function or to come back to the previous menu

## DESCRIPTION OF MENU

### STAT FUNCTION

- STAT** → **R000** (0~255)  
**6000** (0~255)  
**5000** (0~255)  
**A000** (0~255)  
**W000** (0~255)  
**5100** (0~20)
- Choose [**STAT**] and press [**ENTER**] to “stat mode” ( manual mode )
  - Press [**ENTER**] to choose : [Red], [Green], [Blue], [Amber], [White], [Strobe]
  - Press [**UP**] / [**DOWN**] to choose the value ( 0 to 255 for level of each color and 0 to 20 for frequency of strobe )
  - Press [**MENU**] back to the main menu

### AUTO FUNCTION

- AUTO** → **AT01**  
↓  
**AT10**  
**PR01**  
↓  
**PR10**
- Choose [AUTO] press [ENTER] to enter I auto mode
  - Press [UP]/[DOWN] to choose the built-in program or edit program ( AT01 to AT10 programs cannot be modified by edit function / PR01 to PR10 programs can be modified by edit function )
  - Press [MENU] Back To The Main Menu

### DMX FUNCTION ( DMX ADDRESS SETTING )

- DMX** → **ADD 1** (1~512)
- Choose [DMX] press [ENTER]
  - Press [UP]/[DOWN] to choose [1~512] value

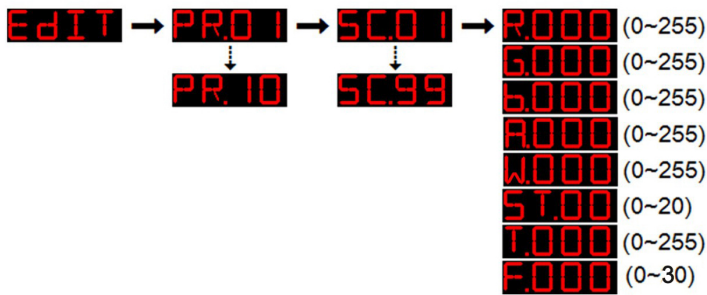
### PERS FUNCTION ( DMX OPERATING MODE )

- PERS** → **STAG**  
**ARC1**  
**AR1d**  
**ARC2**  
**AR2d**  
**AR2S**  
**HSV**
- Choose [PERS] and press [ENTER]
  - Press [UP]/[DOWN] to choose the dmx channel modes, (for details, please check on the dmx channels on the following)

### ID FUNCTION

- ID** → **ID01** (0~255)
- Choose [ID] and press [ENTER]
  - Press [UP]/[DOWN] to choose [1~255] value

### EDIT FUNCTION



- Choose [EDIT] and press [ENTER]
- Press [ENTER] to choose the parameter values
- Press [UP] / [DOWN] to choose program, scene or parameters values ( red [R], green [G], blue [B], white [W], amber [A], strobe [S], time [T] and fade time [F] )

### Sound FUNCTION



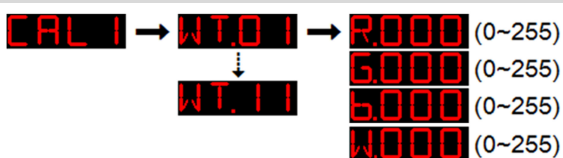
### SET FUNCTION



- Choose [SET] and press [ENTER]
- [UPLD] : sending edit program value from current master unit to slave unit : To do it, press [ENTER] then do the key code [UP, DOWN, UP, DOWN] and press [ENTER], light turn to yellow, means data was sending meanwhile there will show the speed of upload, light will turn to green when finished sending, and the slave unit will turn to yellow too when receive the data, and turn to green when finished receiving. if the slave unit protect to yellow, it means fail receiving, please cut off the power and receive again.

- [REST] : To load the factory setup.
- Press [ENTER] and do the key code : [UP, DOWN, UP, DOWN] then press [ENTER]
- [ID] : ID address setting, Press [ENTER], press [UP] / [DOWN] to choose [ON] to allow ID address function, [OFF] close ID address function
- [RGBW] : color deviation correcting setting, Press [ENTER], press [UP] /[DOWN] to choose [ON] to allow color deviation correcting function, [OFF] not allow. the proportion of RGBW colors can be set in the menu [CAL2]
- [DIM] : non-linear dimming setting, Press [UP] /[DOWN] to choose : [OFF] close dim speed, [DIM1] to [DIM9] to choose speed ( speed 1 (fast ), ....., speed4 (slow), as the speed is slower as dimming softer.
- [DV] : Digital photography color chosen, Press [ENTER], and use [UP] /[DOWN] to choose between [NTSC] or [PAL]

### CAL1 FUNCTION ( WHITE BALANCE FUNCTION )



- Choose [CAL1] and press [ENTER]
- Press [UP] /[DOWN] to choose [WT1~11] then press [ENTER] to set up to 11 different temperature of white color

- Press [ENTER] to choose [Red], [Green], [Blue], [White]
- Press [UP] /[DOWN] to choose value [0~255]

### CAL2 FUNCTION ( COLOR DEVIATION CORRECTING SETTING )

CAL2 → RGBW → R510 (0-510)  
 G510 (0-510)  
 B510 (0-510)  
 W510 (0-510)

- Choose [CAL2] then press [ENTER] to [RGBW]
- Press [ENTER] to choose [Red], [Green], [Blue], [White]
- Press [UP] /[DOWN] to choose the proportion of colors [0~510]
- When the RGBW function is on ( menu SET ) and when on DMX RGB =255,255,255, the white color is the one set in CAL2 function

### KEY FUNCTION ( PROTECTION KEY SETTING )

KEY → OFF.  
 ON.

- Choose [KEY] then press [ENTER] ; The key code is [UP, DOWN, UP, DOWN] and press [ENTER]
- Press [UP] /[DOWN] to choose [ON] or [OFF]

### Display Screensaver

A001 dmx 512 mode

M... As Master (when under the mode ----- AUTO , SOUND , STATE : R G B W A )

S... As Slaver

### Temperature control function

- When led board's temperature > 70°, light fixture will lower the working current to protect the led.

### DMX CHANNEL TABLE

7 kind DMX channel mode: 【STAG】、【ARC.1】、【AR1.d】、【ARC.2】、【AR2.d】、【AR2.S】、【HSV】

#### ◆ STAG CHANNEL MODE

| CHANNEL                    | VALUE  | FUNCTION                     |
|----------------------------|--------|------------------------------|
| 1                          | 0~255  | DIMMING                      |
| 2                          | 0~255  | RED                          |
| 3                          | 0~255  | GREEN                        |
| 4                          | 0~255  | BLUE                         |
| 5                          | 0~255  | white                        |
| 6                          | 0~255  | Amber                        |
| 7                          | 0-9    | NO FUNCTION                  |
|                            | 10-255 | COLOR MACRO                  |
| 8                          | 0~9    | NO STROBE                    |
|                            | 10~255 | SPEED OF STROBE (255 faster) |
| 9 (10-255)<br>Auto running | 0~9    | NO FUNCTION                  |
|                            | 10~99  | HSV effect                   |

|    |         |   |
|----|---------|---|
|    | 100~119 | 3 colors glowing , Pure color                   |
|    | 120~139 | 7 colors glowing , Pure color                   |
|    | 140~159 | 7 colors glowing , Diffuse color                |
|    | 160~179 | DMX control color fading Strobe                 |
|    | 180~199 | 7 colors Strobe                                 |
|    | 200~219 | 7 complementary color Strobe                    |
|    | 220~239 | 7 colors auto-running                           |
|    | 240~255 | Sound control color changing                    |
| 10 | 0~255   | Speed of AUTO running / Sound Sensitivity (CH9) |
| 11 | 0~255   | Speed of dimming                                |
| 12 | 0       | Whole ID address controled                      |
|    | 1~ 255  | The same ID address controled                   |

◆ **ARC.1 CHANNEL MODE**

| CHANNEL | VALUE | FUNCTION |
|---------|-------|----------|
| 1       | 0~255 | RED      |
| 2       | 0~255 | GREEN    |
| 3       | 0~255 | BLUE     |
| 4       | 0~255 | White    |
| 5       | 0~255 | Amber    |

◆ **AR1.d CHANNEL MODE**

| CHANNEL | VALUE | FUNCTION   |
|---------|-------|------------|
| 1       | 0~255 | MASTER DIM |
| 2       | 0~255 | RED        |
| 3       | 0~255 | GREEN      |
| 4       | 0~255 | BLUE       |
| 5       | 0~255 | White      |
| 6       | 0~255 | Amber      |

◆ **ARC.2 CHANNEL MODE**

| CHANNEL | VALUE | FUNCTION         |
|---------|-------|------------------|
| 1       | 0~255 | RED              |
| 2       | 0~255 | GREEN            |
| 3       | 0~255 | BLUE             |
| 4       | 0~255 | white            |
| 5       | 0~255 | Amber            |
| 6       | 0~255 | Speed of dimming |

◆ **AR2.d CHANNEL MODE**

| CHANNEL | VALUE | FUNCTION         |
|---------|-------|------------------|
| 1       | 0~255 | MASTER DIM       |
| 2       | 0~255 | RED              |
| 3       | 0~255 | GREEN            |
| 4       | 0~255 | BLUE             |
| 5       | 0~255 | White            |
| 6       | 0~255 | Amber            |
| 7       | 0~255 | Speed of dimming |

◆ AR2.S CHANNEL MODE

| CHANNEL | VALUE | FUNCTION        |
|---------|-------|-----------------|
| 1       | 0~255 | MASTER DIM      |
| 2       | 0~255 | RED             |
| 3       | 0~255 | GREEN           |
| 4       | 0~255 | BLUE            |
| 5       | 0~255 | White           |
| 6       | 0~255 | Amber           |
| 7       | 0~255 | Speed of Strobe |

◆ HSV CHANNEL MODE

| CHANNEL | VALUE | FUNCTION              |
|---------|-------|-----------------------|
| 1       | 0~255 | H hue(0~100%)         |
| 2       | 0~255 | S saturation (0~100%) |
| 3       | 0~255 | V brightness(0~100%)  |
| 4       | 0~255 | Speed of dimming      |

**The following points have to be considered during the inspection:**

All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.

There must not be any deformations on the housing, glass pane, fixations and installation spots.

The electric power supply cables must not show any damage, material fatigue or sediments. Further instructions depending on the installation spot and usage have to be adhered to by a skilled installer and any safety problems have to be removed.

We recommend a frequent cleaning of the device. Please use a moist, lint-free cloth. Never use alcohol or solvents.

**CAUTION:** Disconnect from mains before starting maintenance operation!

**Cleaning and Using Frequency of Product**

Please make sure that the light is power off before dismantling or maintaining, it's very important to keep the light clean. Frequent cleaning will ensure maximum brightness output, but also prolong the life time. It's suggested to use the high quality, professional glass detergent and soft cloth to clean the light. It's not allowed to use alcohol or chemical solvent. The inner part of the light should be cleaned by vacuum cleaner at least once a year.

When the light doesn't work, please check if the fuse is burnt out or not. If it is, the same fuse should be replaced, find out the faulty and restart the light. But please note the repair must be handled by professional.

**TECHNICAL SPECIFICATIONS**

DMX Channels: .....4 / 5 / 6 / 6 / 7 / 7 / 12

Beam angle: .....45°

Control mode: ..... Auto, Master/ Slave, DMX,Sound

LED power: .....24 x 10W RGBAW LEDs 5-in-1

Life time led ..... 50000 hours

IP norm: .....IP-20

Working environment: ..... indoor

Voltage: ..... AC 100-240V / 50-60Hz



Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed.