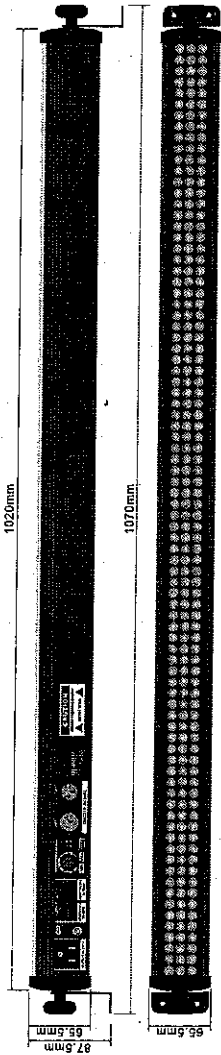


# EA-8080 (LED) LED Strip



## OPERATING MANUAL



- A. Package**
  - ※ EA-8080 x 1pcs
  - ※ Operating Manual x 1pcs
- B. Installation**
  - ※ Please hang this light into the suitable place with suitable angle (if operate this light in external place, please remember to get some water-proof cover to protect them)
  - ※ To connect the cable and put into power, then the light stay in the status to receive the operating signal like: music, Automatic, DMX512 etc. Take note: Please cut off the power line if you will not operate it for a certain time.
  - ※ To connect the signal cable, plug one side into IN socket in the back of light and plug another side into OUT signal connector in the DMX512 board, (signal input: 1=>Ground, 2=>data-, 3=>data+)

- C. Function:**
  - ※ Automatic mode(stand alone): 7 color change/7 color strobe/7 color Automatic changing /7 color automatic fade in and fade out./ 7 color chase/ sound color changing
  - ※ Synchronization mode( master and slave)
  - ※ Special manual controller ( please read EA-8080-C operation manual)
  - ※ DMX-512 Model

- D. Maintenance.**
  - ※ Use the soft cloth to clean the light and check if the screw is loose or not during certain period, if loose, please fix them tightly.

- E. Working place**
  - ※ Indoor, ※ temperature: -20--45℃ ※ humidity: 0%—90%

**F. Detail function as follows:**

| FUNCTIONS       | 1       | 2   | 3    | 4      | 5  | 6    | 7       | 8      | 9   | 10 |
|-----------------|---------|-----|------|--------|----|------|---------|--------|-----|----|
| RED             | ON      |     |      |        |    |      |         |        |     |    |
| GREEN           |         | ON  |      |        |    |      |         |        |     |    |
| BLUE            |         |     | ON   |        |    |      |         |        |     |    |
| STROBE          | SLOW    | MED | FAST | FASTES | ON | CYAN | MAGENTA | YELLOW |     |    |
| FADE IN OUT     | SLOW    | MED | FAST | FASTES | ON |      |         |        |     |    |
| COLOR FLASH     | SLOW    | MED | FAST | FASTES |    | ON   |         |        |     |    |
| Chase Light     | SLOW    | MED | FAST | FASTES |    |      | ON      |        |     |    |
| SOUND ACTIVATED | RAINBOW |     |      |        |    |      |         |        | ON  |    |
| DMX             | 1       | 2   | 4    | 8      | 16 | 32   | 64      | 128    | 256 | ON |

DMX EXAMPLE FOR DMX ADDRESS 23 PINS 1,2,3,5(1+2+4+16=23) ARE ON +10 FOR DMX MODE

Remarks: function 1. 2. 3 will be fold to run 7 color, function 7 will adjust the music sensitivity via potentiometer knob.

※ Synchronization /master and slave (dip switch as below):

Master light: dip switch same as auto model way.

All slave lights: press NO.1 and NO.10 to ON, other NO2-NO9 stay on OFF status.

※ Special manual controller:

Please connect the controller with the light through a XLR3 pin cable, dip NO.1 and No.10 switch to ON status for all units, other NO.2-NO.9 switches are stay off status.

※ DMX-512 Model

※ This light have 13 DMX512 channels, please reference the below function channels:

Ch1: function selecting:

- 0-10 dimmer (Ch2-Ch13 dimmer valid)
- 11-51 strobe (Ch2-Ch13 dimmer valid)
- 52-91 Light in and light out(Ch2-Ch13 no valid)
- 92-131 auto color change(Ch2-Ch13 no valid)
- 132-147 chase1, 148-164 chase2, 165-181 chase3, 182-198 chase4, 199-215 chase5, 216-232 chase6, 233-255 chase1-chase6.

CH2: 0-255 all Red dimmer

CH3: 0-255 all Green dimmer

CH4: 0-255 all Blue dimmer

Ch5-Ch13: 0-255 are the adjustable brightness from segment 1 to segment3 in red ,green and blue color.

**G. Specification:**

1. Input power: AC100~240V/50-60Hz
2. Total power: 50W
3. 10mm LEDs: 252pcs (red / 108pcs, blue / 72pcs, green / 72pcs) (Angle:30)
4. House size: 107×6.5×8.5cm
5. Net/weight: 2.3Kg
6. 1pcs/carton: 108 x 12 x 11.5 cm
7. Gross/weight: 3Kg
8. Shipping size: ( 6pcs/master carton): 109×39×26cm
9. Gross/weight: 20Kg

