

# Five-color Video Pixel Light Bar Function Manual



Thank you for purchasing the APP par from our company. Every product has been well tested and has shipped in perfect operating condition. When receiving our products carefully check the shipping carton for damage that may have happened during transport. In case of the damage inspect the fixture for the damages or missing accessories necessary to operate. If parts are missing or fixture has been damaged please report this by Product.

## 一、 Key operation diagram:

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## 二、 Menu Operation Instructions:

|              |               |                                           |      |
|--------------|---------------|-------------------------------------------|------|
| Address      | 001--512      | Address code mode                         |      |
| Channel      | 4CHA          | 4A channel mode                           |      |
|              | 4CHB          | 4B channel mode                           |      |
|              | 5CH           | 5 channel mode                            |      |
|              | 6CHA          | 6A channel mode                           |      |
|              | 6CHB          | 6B channel mode                           |      |
|              | 7CH           | 7 channel mode                            |      |
|              | 12CH          | 12 channel mode                           |      |
|              | 40CH          | 40 channel mode                           |      |
|              | 80CH          | 80 channel mode                           |      |
|              | 160CH         | 160 channel mode                          |      |
| DMX Fail     | Hold          | DMX512 data retention                     |      |
|              | Blackout      | DMX512 Data is not retained (black field) |      |
| Dimmer Curve | Curve 1       | Linear curve                              |      |
|              | Curve 2       | Square curve                              |      |
|              | Curve 3       | Logarithmic curve                         |      |
|              | Curve 4       | S-curve                                   |      |
| Custom       | Red: 0-255    | Red manual dimming                        |      |
|              | Green: 0-255  | Green manual dimming                      |      |
|              | Blue: 0-255   | Blue manual dimming                       |      |
|              | White: 0-255  | White manual dimming                      |      |
|              | Yellow: 0-255 | yellow manual dimming                     |      |
| Program      | Color         | DIM:0-255                                 |      |
|              |               | Color:1-27                                |      |
|              |               | Strobe:0-255                              |      |
|              | Lee Color     | DIM:0-255                                 |      |
|              |               | Lee Color                                 | L101 |
|              |               |                                           | L102 |
|              |               |                                           | L105 |
|              |               |                                           | L106 |
|              |               |                                           | L107 |
|              |               |                                           | L110 |
|              |               |                                           | L111 |
|              |               |                                           | L115 |
|              |               |                                           | L116 |

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|  |     |     |              |
|--|-----|-----|--------------|
|  |     |     | L118         |
|  |     |     | L119         |
|  |     |     | L121         |
|  |     |     | L124         |
|  |     |     | L126         |
|  |     |     | L127         |
|  |     |     | L128         |
|  |     |     | L132         |
|  |     |     | L135         |
|  |     |     | L139         |
|  |     |     | L147         |
|  |     |     | L151         |
|  |     |     | L152         |
|  |     |     | L158         |
|  |     |     | L164         |
|  |     |     | L174         |
|  |     |     | L179         |
|  |     |     | L180         |
|  |     |     | L201         |
|  |     |     | L203         |
|  |     |     | L204         |
|  |     |     | Strobe:0-255 |
|  | CCT |     | DIM:0-255    |
|  |     | CCT | 1750K        |
|  |     |     | 2000K        |
|  |     |     | 2250K        |
|  |     |     | 2500K        |
|  |     |     | 2750K        |
|  |     |     | 3000K        |
|  |     |     | 3250K        |
|  |     |     | 3500K        |
|  |     |     | 3750K        |
|  |     |     | 4000K        |
|  |     |     | 4250K        |
|  |     |     | 4500K        |
|  |     |     | 4750K        |
|  |     |     | 5000K        |
|  |     |     | 5250K        |
|  |     |     | 5500K        |
|  |     |     | 5750K        |
|  |     |     | 6000K        |
|  |     |     | 6250K        |
|  |     |     | 6500K        |
|  |     |     | 6750K        |
|  |     |     | 7000K        |
|  |     |     | 7250K        |
|  |     |     | 7500K        |
|  |     |     | 7750K        |

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|               |                                        |                |                 |
|---------------|----------------------------------------|----------------|-----------------|
|               |                                        |                | 8000K           |
|               |                                        |                | 8250K           |
|               |                                        |                | 8500K           |
|               |                                        |                | 8750K           |
|               |                                        |                | 9000K           |
|               |                                        |                | 9250K           |
|               |                                        |                | 9500K           |
|               |                                        |                | 9750K           |
|               |                                        |                | 10000K          |
|               |                                        |                | G/M:-1.00--1.00 |
|               | HSI                                    | DIM:0-255      |                 |
|               |                                        | HUE:0-360      |                 |
|               |                                        | STA:0-100      |                 |
|               | Auto                                   | Auto Mode:0-60 |                 |
|               |                                        | Speed:1-16     |                 |
|               |                                        | Color:0-27     |                 |
|               | Sound                                  | Sound Mode:0-3 |                 |
|               |                                        | SENS:0-100     |                 |
|               |                                        | Color:0-27     |                 |
|               | WIFI                                   | LED_XXX        |                 |
| Master/Slave  | Master                                 |                |                 |
|               | Slave                                  |                |                 |
| Wireless DMX  | On                                     |                |                 |
|               | Off                                    |                |                 |
|               | Clear                                  |                |                 |
|               | Pairing                                |                |                 |
| Run Time      | 1h/2h/3h/4h/5h/6h/7h/8h/9h/10h/11h/12h |                |                 |
| Information   | Version1.0                             |                |                 |
|               | Current Time 00H35M 00S                |                |                 |
| IR            | ON                                     |                |                 |
|               | OFF                                    |                |                 |
| Menu Lock     | ON                                     |                |                 |
|               | OFF                                    |                |                 |
| Back Light    | Always On                              |                |                 |
|               | 10s                                    |                |                 |
|               | 20s                                    |                |                 |
|               | 30s                                    |                |                 |
| Factory Reset | ON                                     |                |                 |
|               | YES                                    |                |                 |

## 三、DMX Channel:

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| channel | 4CHA                                                      | 4CHB                                                      | 5CH                       | 6CHA                                                   | 6CHB                                                   | 7CH                                                    | 12CH                                                                                                                                                                                                                                                                                          | 40CH | 80CH | 160CH |
|---------|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|
| CH1     | 0-1<br>close<br>the<br>light<br>1-255<br>total<br>dimming | 0-1<br>close<br>the<br>light<br>1-255<br>total<br>dimming | 0-255<br>red<br>dimming   | 0-1<br>close<br>the light<br>1-255<br>total<br>dimming | 0-1<br>close<br>the light<br>1-255<br>total<br>dimming | 0-1<br>close<br>the light<br>1-255<br>total<br>dimming | 0-1 close the light<br>1-255 total dimming                                                                                                                                                                                                                                                    | R-1  | R-1  | R-1   |
| CH2     | 0-10<br>none<br>11-<br>255<br>Strobe                      | 0-10<br>none<br>11-255<br>Strobe                          | 0-255<br>green<br>dimming | 0-10<br>none<br>11-255<br>Strobe                       | 0-255<br>red<br>dimming                                | 0-10<br>none<br>11-255<br>Strobe                       | 0-10<br>11-255 Strobe                                                                                                                                                                                                                                                                         | G-1  | G-1  | G-1   |
| CH3     | 0-4<br>none<br>5-255<br>color<br>temperature              | 0-4<br>none<br>5-255<br>tune<br>RGB<br>mixed<br>color     | 0-255<br>blue<br>dimming  | 0-4<br>none<br>5-255<br>RGB<br>mixed<br>color          | 0-255<br>green<br>dimming                              | 0-255<br>red<br>dimming                                | 0-10<br>cycle<br>11-19<br>20-28<br>29-37<br>38-46<br>47-55<br>56-64<br>65-73<br>74-82<br>83-91<br>92-100<br>101-109<br>110-118<br>119-127<br>128-136<br>137-145<br>146-154<br>155-163<br>164-172<br>173-181<br>182-190<br>191-199<br>200-208<br>209-217<br>218-226<br>227-235<br>236-244<br>w | B-1  | B-1  | B-1   |

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|      |                     |                                  |                                |                                                  |                                |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |     |     |
|------|---------------------|----------------------------------|--------------------------------|--------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|
|      |                     |                                  |                                |                                                  |                                |                                | 245-255<br>red+green+blue+white+<br>yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |     |
| CH4  | 0-255<br>tune<br>GM | 0-255<br>color<br>satura<br>tion | 0-255<br>white<br>dimmin<br>g  | 0-255<br>tune GM                                 | 0-255<br>blue<br>dimmin<br>g   | 0-255<br>green<br>dimmin<br>g  | 0-16 none<br>17-33<br>background red<br>34-50<br>background green<br>51-67<br>background blue<br>68-84<br>background white<br>85-101<br>background yellow<br>102-118background<br>red+green<br>119-135background<br>green+blue<br>136-152background<br>red+blue<br>153-169background<br>red+green<br>170-186background<br>green+blue<br>187-203background<br>red+yellow<br>204-220background<br>red+green<br>221-237background<br>green+blue<br>238-254background<br>red+blue<br>255background<br>blue+yellow | W-1 | W-1 | W-1 |
| CH5  |                     |                                  | 0-255<br>yellow<br>dimmin<br>g | 0-4<br>none<br>5-255<br>color<br>tempera<br>ture | 0-255<br>white<br>dimmin<br>g  | 0-255<br>blue<br>dimmin<br>g   | 0-1 none<br>2-255 base tint                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Y-1 | Y-1 | Y-1 |
| CH6  |                     |                                  |                                | 0-255<br>color<br>saturati<br>on                 | 0-255<br>yellow<br>dimmin<br>g | 0-255<br>white<br>dimmin<br>g  | 0-10 none<br>11-214 Effects (60 types,<br>one effect with 3 values)<br>215-220 All effects<br>221-255 voice control                                                                                                                                                                                                                                                                                                                                                                                           | R-2 | R-2 | R-2 |
| CH7  |                     |                                  |                                |                                                  |                                | 0-255<br>yellow<br>dimmin<br>g | 0-255 effect speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | G-2 | G-2 | G-2 |
| CH8  |                     |                                  |                                |                                                  |                                |                                | 0-255 red dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B-2 | B-2 | B-2 |
| CH9  |                     |                                  |                                |                                                  |                                |                                | 0-255 green dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | W-2 | W-2 | W-2 |
| CH10 |                     |                                  |                                |                                                  |                                |                                | 0-255 blue dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Y-3 | Y-3 | Y-3 |
| CH11 |                     |                                  |                                |                                                  |                                |                                | 0-255 white dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R-3 | R-3 | R-3 |

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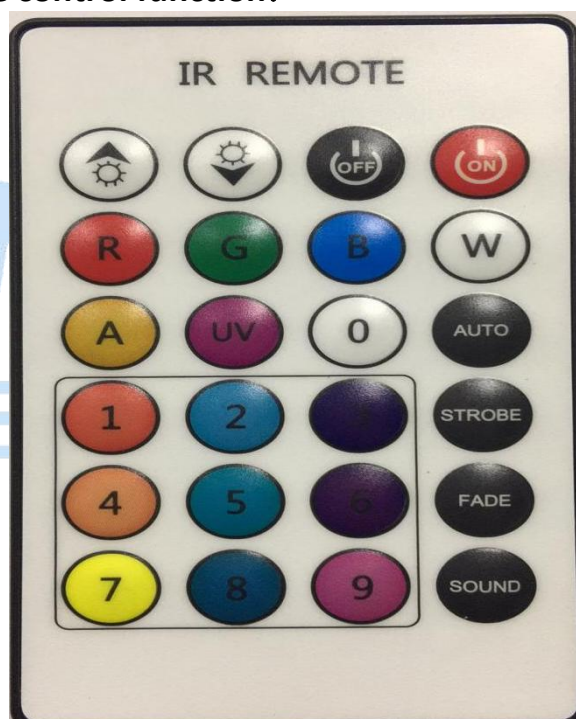
|           |  |  |  |  |  |  |                         |     |       |       |
|-----------|--|--|--|--|--|--|-------------------------|-----|-------|-------|
| CH12      |  |  |  |  |  |  | 0-255<br>yellow dimming | G-3 | G-3   | G-3   |
| CH13      |  |  |  |  |  |  |                         | B-3 | B-3   | B-3   |
| CH14      |  |  |  |  |  |  |                         | W-3 | W-3   | W-3   |
| CH15      |  |  |  |  |  |  |                         | Y-3 | Y-3   | Y-3   |
| CH16      |  |  |  |  |  |  |                         | R-4 | R-4   | R-4   |
| CH17      |  |  |  |  |  |  |                         | G-4 | G-4   | G-4   |
| CH18      |  |  |  |  |  |  |                         | B-4 | B-4   | B-4   |
| CH19      |  |  |  |  |  |  |                         | W-4 | W-4   | W-4   |
| CH20      |  |  |  |  |  |  |                         | Y-4 | Y-4   | Y-4   |
| CH21      |  |  |  |  |  |  |                         | R-5 | R-5   | R-5   |
| CH22      |  |  |  |  |  |  |                         | G-5 | G-5   | G-5   |
| CH23      |  |  |  |  |  |  |                         | B-5 | B-5   | B-5   |
| CH24      |  |  |  |  |  |  |                         | W-5 | W-5   | W-5   |
| CH25      |  |  |  |  |  |  |                         | Y-5 | Y-5   | Y-5   |
| CH26      |  |  |  |  |  |  |                         | R-6 | R-6   | R-6   |
| CH27      |  |  |  |  |  |  |                         | G-6 | G-6   | G-6   |
| CH28      |  |  |  |  |  |  |                         | B-6 | B-6   | B-6   |
| CH29      |  |  |  |  |  |  |                         | W-6 | W-6   | W-6   |
| CH30      |  |  |  |  |  |  |                         | Y-6 | Y-6   | Y-6   |
| CH31      |  |  |  |  |  |  |                         | R-7 | R-7   | R-7   |
| CH32      |  |  |  |  |  |  |                         | G-7 | G-7   | G-7   |
| CH33      |  |  |  |  |  |  |                         | B-7 | B-7   | B-7   |
| CH34      |  |  |  |  |  |  |                         | W-7 | W-7   | W-7   |
| CH35      |  |  |  |  |  |  |                         | Y-7 | Y-7   | Y-7   |
| CH36      |  |  |  |  |  |  |                         | R-8 | R-8   | R-8   |
| CH37      |  |  |  |  |  |  |                         | G-8 | G-8   | G-8   |
| CH38      |  |  |  |  |  |  |                         | B-8 | B-8   | B-8   |
| CH39      |  |  |  |  |  |  |                         | W-8 | W-8   | W-8   |
| CH40      |  |  |  |  |  |  |                         | Y-8 | Y-8   | Y-8   |
| .....     |  |  |  |  |  |  |                         |     | ..... | ..... |
| CH15<br>6 |  |  |  |  |  |  |                         |     |       | R-32  |
| CH15<br>7 |  |  |  |  |  |  |                         |     |       | G-32  |
| CH15<br>8 |  |  |  |  |  |  |                         |     |       | B-32  |
| CH15<br>9 |  |  |  |  |  |  |                         |     |       | W-32  |
| CH16<br>0 |  |  |  |  |  |  |                         |     |       | Y-32  |

**四、Advanced parameter settings:** (In A001 mode, press the confirm button for 3 seconds to enter)

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|         |         |                                                                                            |
|---------|---------|--------------------------------------------------------------------------------------------|
| Red     | 000-255 | red current regulation                                                                     |
| Green   | 000-255 | Green current regulation                                                                   |
| Blue    | 000-255 | blue current regulation                                                                    |
| White   | 000-255 | white current regulation                                                                   |
| Yellow  | 000-255 | yellow current regulation                                                                  |
| State   | Single  | Currently on                                                                               |
|         | Whole   | All bright                                                                                 |
| T.Limit | 060     | Power reduction setting (OFF/function off, power reduction on/40-100 degree setting range) |
| Delay   | YES     | Dimming delay on                                                                           |
|         | NO      | Dimming delay off                                                                          |

## 五、Infrared remote control function:



- 1、 Dimming and speed, up key
- 2、 Dimming and speed, down key
- 3、 OFF Turn off the light
- 4、 ON Turn on the light
- 5、 R、 G、 B、 W、 Y keys are five kinds of monochrome
- 6、 The UV key is the color temperature mode, and the up and down keys are used to select
- 7、 9 numeric keys for 9 static color mixing (AC 1...AC 9)
- 8、 The 0 key is the A001 mode receiving mode, the up and down keys select the address
- 9、 The AUTO key is the color-changing mode, and the up and down keys are used to select the speed.

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- 10、 The STROBE key is the color selection stroboscopic mode (27 kinds can be selected), and the up and down keys are used to select the speed
- 11、 The FADE key is in gradient mode, and the up and down keys are used to select the speed.
- 12、 The SOUND key is the voice control mode, and the up and down keys are used to select the mode.

## 六、 WIFI control operation steps:

Step1: The mobile phone first installs the APP of this software (LED LAMP)

Step2: The lamp display function is switched to WIFI mode. After confirmation, LED-XXX will appear, (XXX represents 3 digits)

Step3: Click the setting icon on the phone, turn on the WIFI and search for the WIFI address, the word LED appears. Such as "LED-XXX", click the link, and exit this interface after the connection is successful.

Step4: Click the LED LAMP icon on the mobile phone, it shows that the connection is successful and you can control it. (This lighting APP control software can only use LED LIGHT control software)

## 七、 Features:

- 1、 Support master-slave connection advanced parameter setting
- 2、 Support standard DMX512 and wired RDM
- 3、 Support software online upgrade
- 4、 Support temperature control settings
- 5、 Support wireless 2.4G connection
- 6、 Support mobile APP control (Android and Apple)

