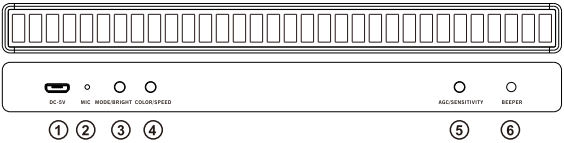
Sound Spectrum Light Bar | User's Instruction EN

MT-LW-32/40/80

MADE IN CHINA

Thanks for purchasing our product, please follow the instructions below for best experience

Buttons and Functions



1. DC 5V input
2. Microphone port for voice collection
3. Click to change mode, press and hold set brightness
4. Click to change color, press and hold to change speed
5. Click to toggle voice collection mode between AGC and SPL
6. Beeper for reminding

Features

- High sensitive microphone unit
- 32/40/80 WS2812 driven LED cells
- 10 sequences selectable
- 5 levels brightness adjustable
- 5 speed levels adjustable
- 20 colors adjustable
- AGC algorithm inside
- 32bit Arm3 core MCU
- High grade aluminium housing
- Durable high brightness,low heat 3528 LEDs

Parameter

- Model No.: MT-LW-32/40/80
- Power input: DC5V
- DC port: Micro USB
- Frequence Response: 100Hz~16KHz
- Product size: 181*16*18.5mm
- Net Weight: 86g
- Working Temp: 0~86℃

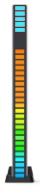
Wavelength

- RED: 620-625nm
- GREEN: 520-525nm
- BLUE: 460-570nm

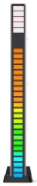
Brightness

- RED: 450-550mcd
- GREEN: 1300-1500mcd
- BLUE: 350-400mcd

Interface of settings

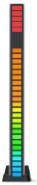


Speed setting
5 Levels(blocks)
Blue



Brightness setting
5 Levels(blocks)
Blue

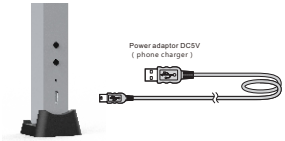
AGC/SPL mode
Toggle
Green



Sensitivity setting
5 Levels(blocks)
Red

Quick installation

1) Place the light bar on the base in vertical or horizon,make sure it's in stable.



2) Insert the USB cord, connect to DDC5V, the light bar will be turned on.

Accessory

1) Light bar x 1
2) Rubber base x 1
3) 1.5m Micro USB power cord x 1

Trouble Shoot

Power cord plugged in, but light bar is not on	Check if the power cord is correctly connected
The LED is always in full status or slight change in use	Adjust the sensitivity lower refer to operation above
The LEDs react slightly to sound, or no reaction at all	Adjust the sensitivity higher refer to operation above
I want to get the light bar back to factory default setting	Press the 3 buttons simultaneously for 3 seconds

Cautions

- Don't power the light bar with voltage over DC5V, which will cause damage
- It's a in door product, DON'T expose the light bar in direct sunshine, high humidity, wet place.
- Don't try to open it, refer to dealer or qualified people when repairing requires.
- The light bar LED will create heat during play, please make sure the it's sitting in a ventile place.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.