User Manual

LED Color Screen DIY Multi-Function Speaker

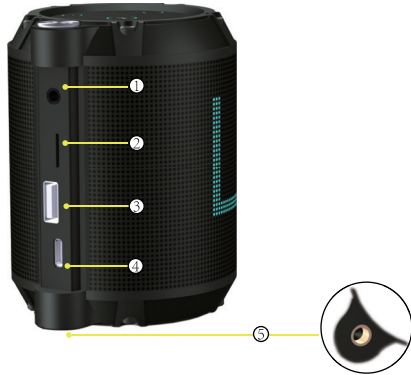Ver: JG-CM2352401   Model: CM-M3

1. Button Difinition

- Long press button 3s: ON/OFF.(Automatically detecting the battery level when switched on and display on the screen).
  Short press: Play /Pause; Answer/ Hang up the call.
- Long press button 1S: Indoor and outdoor sound modes switch.
  Short press: The device can work under USB / TF card / AUX / Bluetooth / Reverse Charging mode(Insert automatic switch, boot default Bluetooth mode).
  Short press twice:TWS(powered on 2pcs speaker,without Bluetooth connection, double - click M button to connect successfully).
- Short press: Previous song
  Long press 1S: Turn it down volume
- Short press: Change display content
  Doulbe click: Display clock (The phone needs to be connected to APP Bluetooth of LED array screen)
  Long press 3s: Turn on/off LED screen
  Long press 1.5s: Turn on/off Night light
- Indicator: Waitting to pair: Blue light flashs
  Successful paired : Blue light twinkles
  In charging: Red light shines
  Fully charged: The green light turned on.
- Short press: Next song.
  long press: Turn it up volume
- Lanyard for traveling

2. Ports and their functions

① 3.5mm audio input: Insert the audio line to this interface, The device will switch to AUX mode.
② TF card slot: In power on mode, insert the TF card,MP3 will play automatically.
③ USB-A port:
  Switch to the USB mode and play: Insert a USB flash drive.
  Act as a power bank : Insert a USB charging cable
④ Charging Port (Type C) : Max rated input voltage 5V DC, otherwise this device will be damaged .
⑤ Tripod socket : 1/4" - 20 standard camera pattern.

3. Key Features

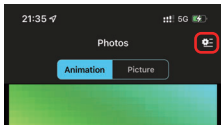|	
Product name	LED Color Screen DIY multi-Function speaker
Bluetooth version	V5.3+EDR
Main material	ABS + Metal
Rated power	10W
Frequency Range	10SHz~15KHz
Transmission distance	20 meters without shied
Ingress protection	IP67
Charging time	about 4.5 hours
Play music duration	about 48 hours (50% volume level)
Input Voltae / Current	5V~850mA
Build-in battery capacity	3600mAh
Display screen language	CN/EN/KR/JP/DE/ES etc
Dimension	82*75*101mm
Weight	Net: 312 g / Gw: 439 g
Inside ncluded	Speaker, Manual, Charging cable, Audio Cable,

4. LED screen control APP operating manual
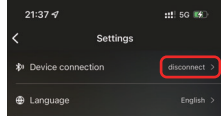
1). Download APP and install

Download

Notice: After scanning the QR code, there is a pop up UI and clip the "..." on the top right corner, select "open with browser" , then choose your phone OS (IOS/Android) to download.
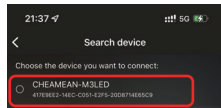
2): Click " Setup"

3): Click " unconnected "

4): After clicking, find the matching device named "CHEAMEAN-M3LED"
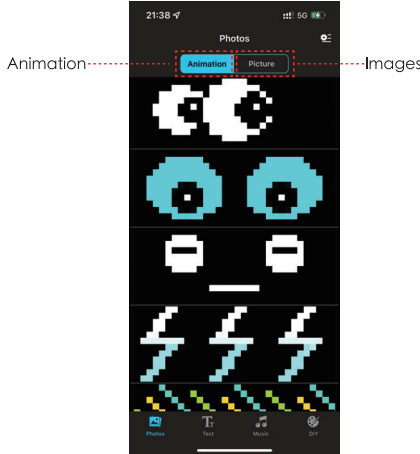Click on the file name that starts with the link.

*Notice：
①Open the app for the first time, if there is a permission option, please select "Allow"
②If the Android phone cannot find Bluetooth, please check whether the phone location function is turned on!
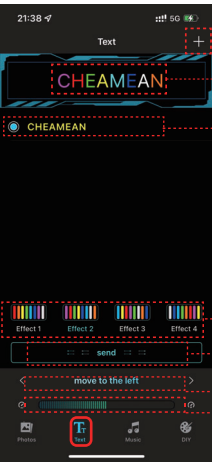
5.Function interface and operation method introduction

1). Material page

There are dozens of built-in animation and pictures, which will be updated and added in the future. The animation will be automatically displayed when play music, the photo can be manually selected; when the mobile phone and the speaker was connected via Bluetooth, click on the Content button to automatically display the selected content to the speaker
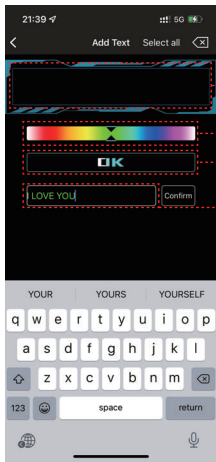
Animation········   ········Images

2). Dynamic text editing

When you want to display the dynamic text content on the speaker, you can edit and add it here.A maximum of 24 Chinese characters can be added, or Max 42 English letters

- Add new content (see next page detail)
- Text preview box
- List of saved text content
  Swipe left to re-edit and delete
- Preset color scheme selection, display vary color effect
- Send (Display on the screen)
- Setting the moving direction of the content on the screen
- Movement speed settings

3). Set the content as the startup screen image (same setting as animation, image, DIY content)

When the Bluetooth connected between the phone and LED Array Screen APP, firstly it need send the content to the screen. Click "Settings" ~ "set the boot Logo animation" ~ "ON", and then long press the speaker button for 3 seconds to turn off the screen , then that was set successfully.If the startup display content need to be changed, just repeat the above steps.
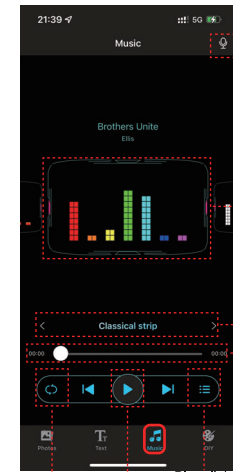
~How to add words：

- 3、Preview window
- 2、Change the color as you like
- 4、Click the "OK" button
- 1、Input the words , click confirm, the words will be displayed in the preview window.
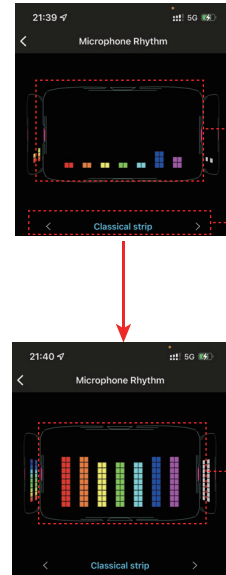
4). Graphic music equalizer

1)). Automatically scanning local audio file, beats with the volume or rhythm of the sound, 4*4 different shapes and colors optional.
2)). Use the mobile phone microphone pickup and control the the LED light effect

- Graphic music equalizer , 4*4 various effect and clolor (ref next page)
- 4 colors optional
- 4 shapes optional
- Music fast forward / backward
- Play list (Android phone supports audio files downloaded to the local folder , Iphone supports the files that imported to the player, include MP3, WMA format)
- Play /pause
- Loop mode

~Microphone graphic music equalizer setup：

- 4 colors, This is the state before pickup
- 4 shapes optional
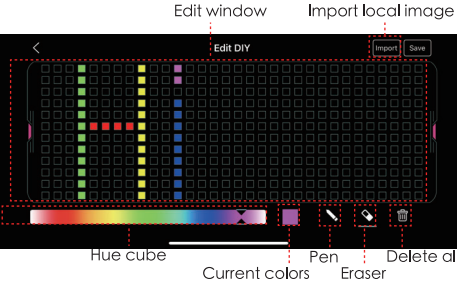- State after pickup

5) , Design the output content

Customize the display content, it can be words, pattern or the photos imported from the phone, draw an image or change the color.

- Add a new display
- Preview window, clik it will be displayed on the speaker, slide left back to eidt or delete.

Disclaimer： The text and pictures may be slightly different from the real object, please refer to the actual product. The specifications and functions of the above products are subject to change without prior notice.

~Creat your own design

Edit window   Import local image

Hue cube   Current colors   Pen   Eraser   Delete all

Other considerations:
1. If you do not use the device for a long time, Keep the device fuly charged for at least every three months to avoid the battery over discharged and shotage the lifespan.
2. It is normal for being stuck, disconnect or heat up when used in a complex/strong interference environment;
3. Avoid falling or hitting hard objects during use, as it may cause damage to the appearance or compoents of this device.
4. Do not disassemble or repair the machine without permission, because the circuit section may cause product damage.
5.The using time duration described above comes from the factory lab, the actual time is vary and affected by volume level, sound source, environmental interference, he degree of interference, product functions and usage habits.
6.Please use a standard 5V~1A charger and charging cable to charge this device. Overcharging may damage the device, can not get return and warranty services.
7. The waterproof function of the exposed port of the device can be pluged in about 5,000 times under normal use. It may be various due to different usage condition and circumstances.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.