

User Manual Rev 0.1

MagiQ Smart Graphic Tail Light



DongGuan Enfitnix Technology Co., Ltd.

Please Note: Specification are subject to change without notices.

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1. Product Specification

Product Name:	MagiQ Smart Graphic Display Taillight
Dimensions:	See Fig.1
Mode:	Flash1, Breath, Costant on, Burst,Graphic display
Battery:	400mAh Rechargeable Lithium-ion Battery
Run Time:	2~54hrs
Weight:	30g(Without mounting bracket)
Color:	Black
Waterproof:	IPx6
Input:	DC5V 0.5A
Wireless System:	BLE 5.3
Resolution:	11x11pixals

- ① Auto Mode Indicator
- ② Power Button
- ③ USB Port
- ④ Charge Indicator



Fig. 1

2.Accessory

	MagiQ X 1		QST Guide X 1
	X 1		X 1
	X 1		X 1
	X 2		X 1 (Optional)
	X 1 (Optional)		

Fig. 2

Note:
Only MagiQ with turning light provide the remote control and mounting straps.

3. Operation and functionality

Power button (② as in Fig.1)

The Power Button is able to change the flash mode, working mode or turn on/off the light.

Operation	Function
Single Click	Change the flash mode/Turn on
Double Click*	Switch between Auto and Manual mode
Press down for more than 1s	Switch off **
Press down for more than 5s	Pair with the remote
Press down for more than 10s	Restore factory settings

Table.1

Note:

*The “AUTO” LED indicator (Fig.1 ②) will start to blink when operate under Auto mode.

**The light will turn on automatically in “Auto” mode if motion detected.

Operation and Condition for Tail light

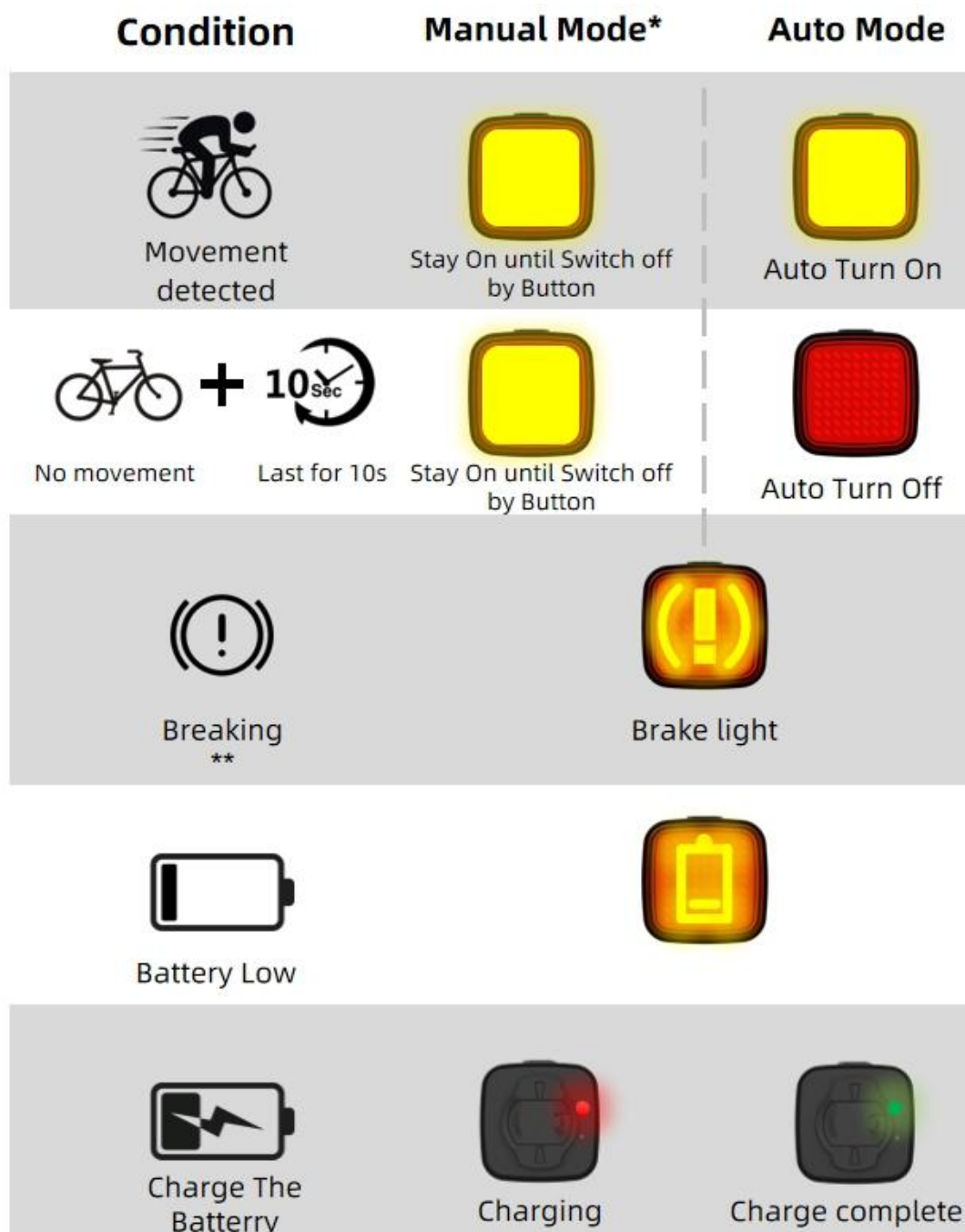


Fig. 3

Note:

*Only the button (Fig.1 ②) can turn off the light when operating under “Manual” mode.

**Brake sensing mode is off in default setting. It can enable in EFXLink in “Settings” manul as shown in Fig. 8.

4. EFXLink

4.1. EFXLink download and installation

MagiQ can connect to EFXLink via the Bluetooth connection, allowing users to create personal display pattern and set display order on EFXLink. It can also customize the order of display animations through conditional display sequences.

In addition, EFXLink allows users to upload, publish, download, and share artworks through Creative Workshop.

To download the EFXLink, please scan the following QR codes:



Android



Android
(Direct Download)



IOS

Fig. 4

The function description for EFXLink is shown as below:

- 1: Product selection
- 2: Search the product
- 3: Creative workshop
- 4: Picture List
- 5: Image enable switch
- 6: Edit image
- 7: Condition display list
- 8: Send pictures and configurations to the tail lights
- 9: Settings menu

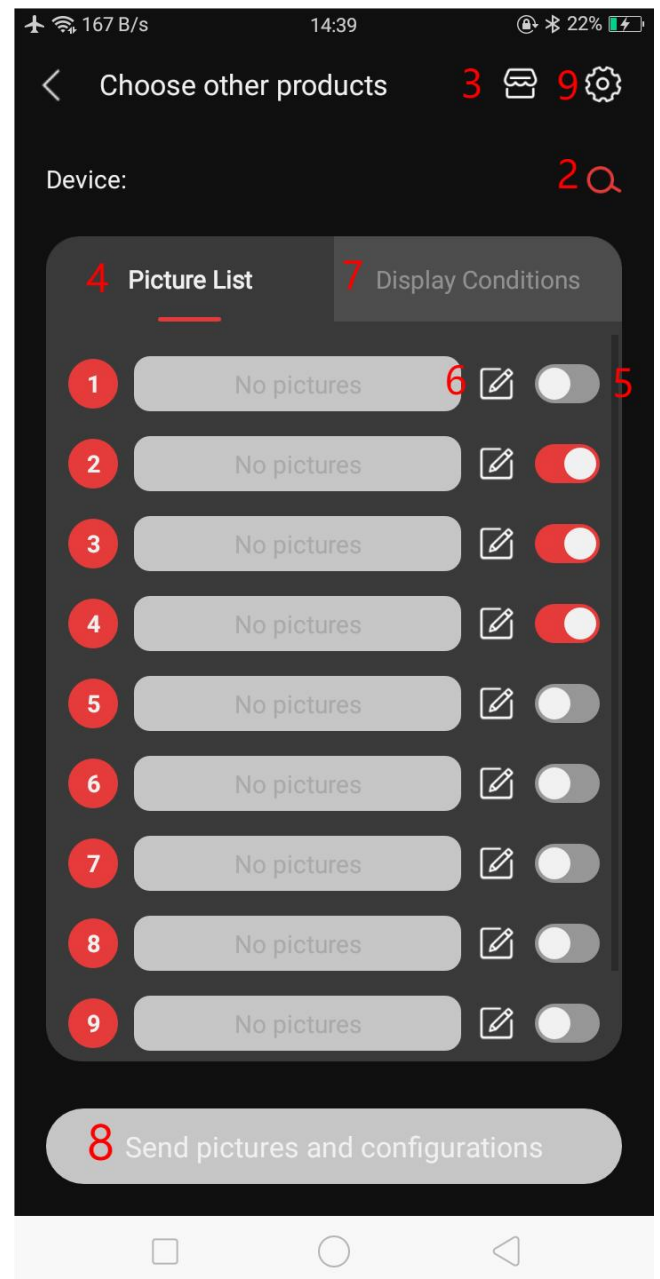
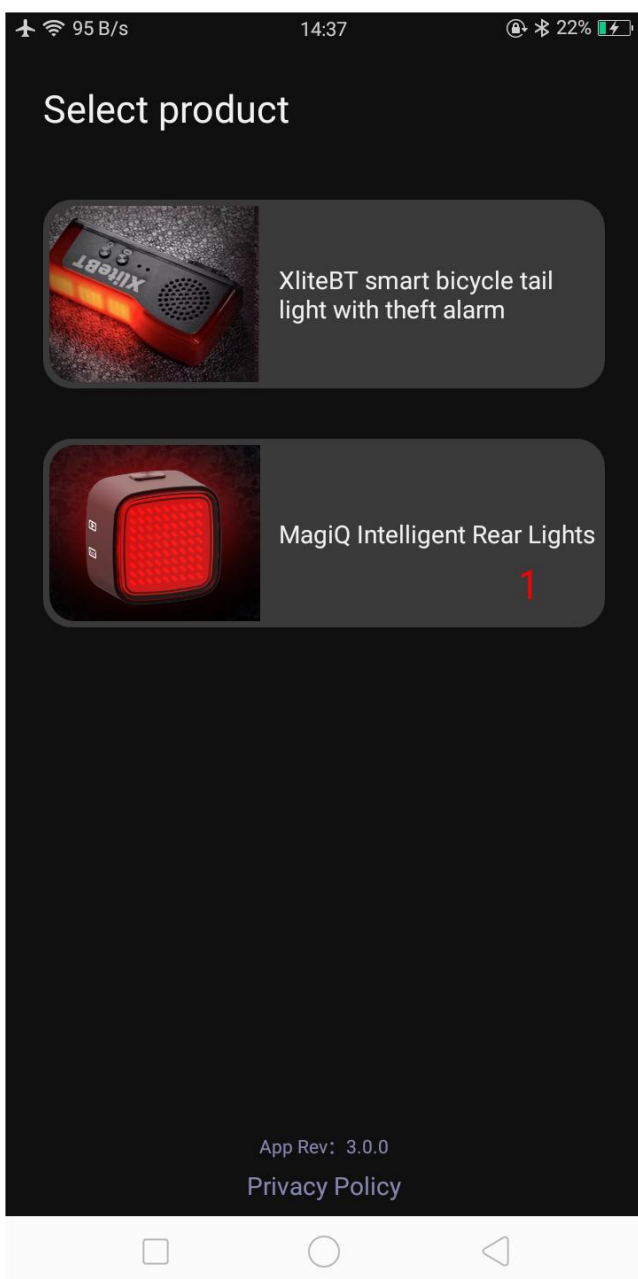


Fig. 5

- 10: Edit picture
- 11: Insert one frame to the picture from local library or create one frame to local library
- 12: Display configurations
- 13: Import from picture
- 14: Upload to the Creative Workshop
- 15: Delete all frames in this picture
- 16: Drawing area
- 17: Copy the current frames
- 18: Copy all frames
- 19: Paste single current frame or all frames
- 20: Reverse color
- 21: Erase the current frame
- 22: Save design
- 23: Frame switch
- 24: Convert text to a frame

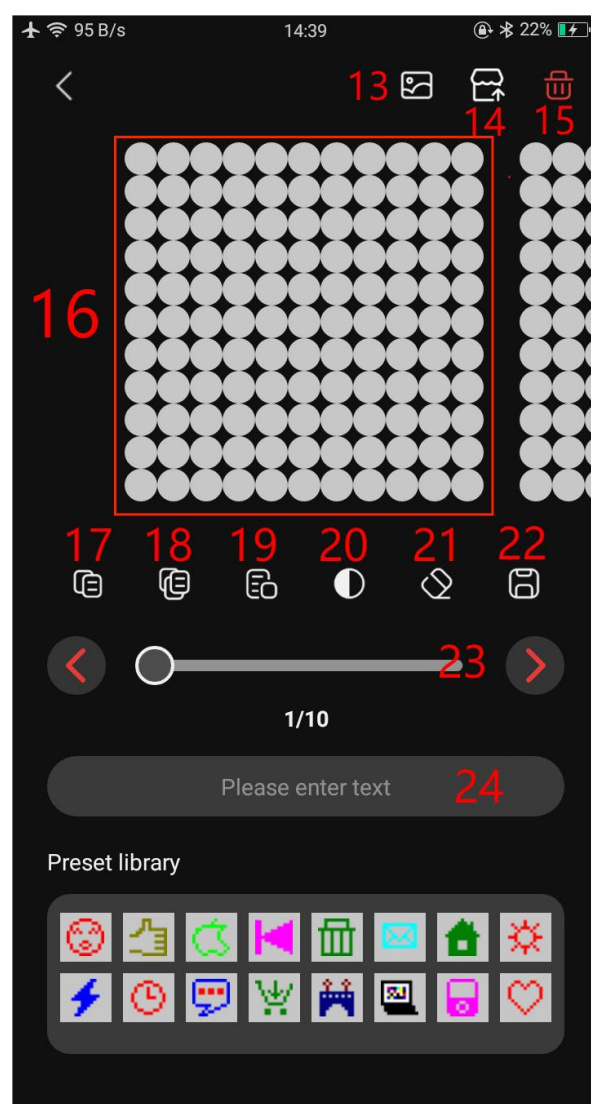
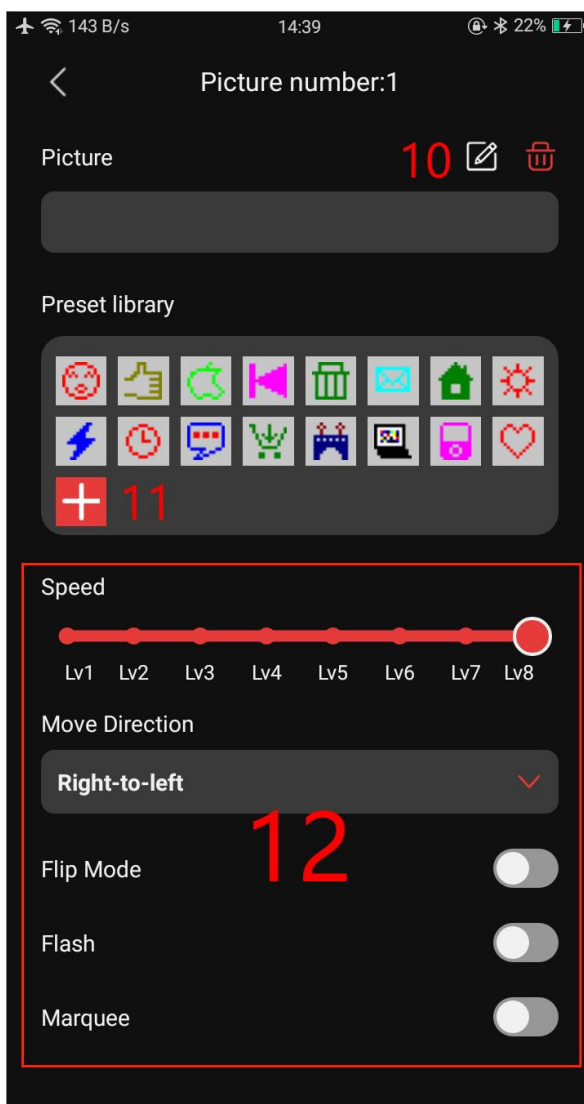


Fig. 6

- 25: Condition display setting
- 26: Condition display enable
- 27: Condition display order
- 28: Send condition display configurations
- 29: Customize name of the condition display
- 30: Trigger condition of the display sequence
- 31: Display sequence configuration

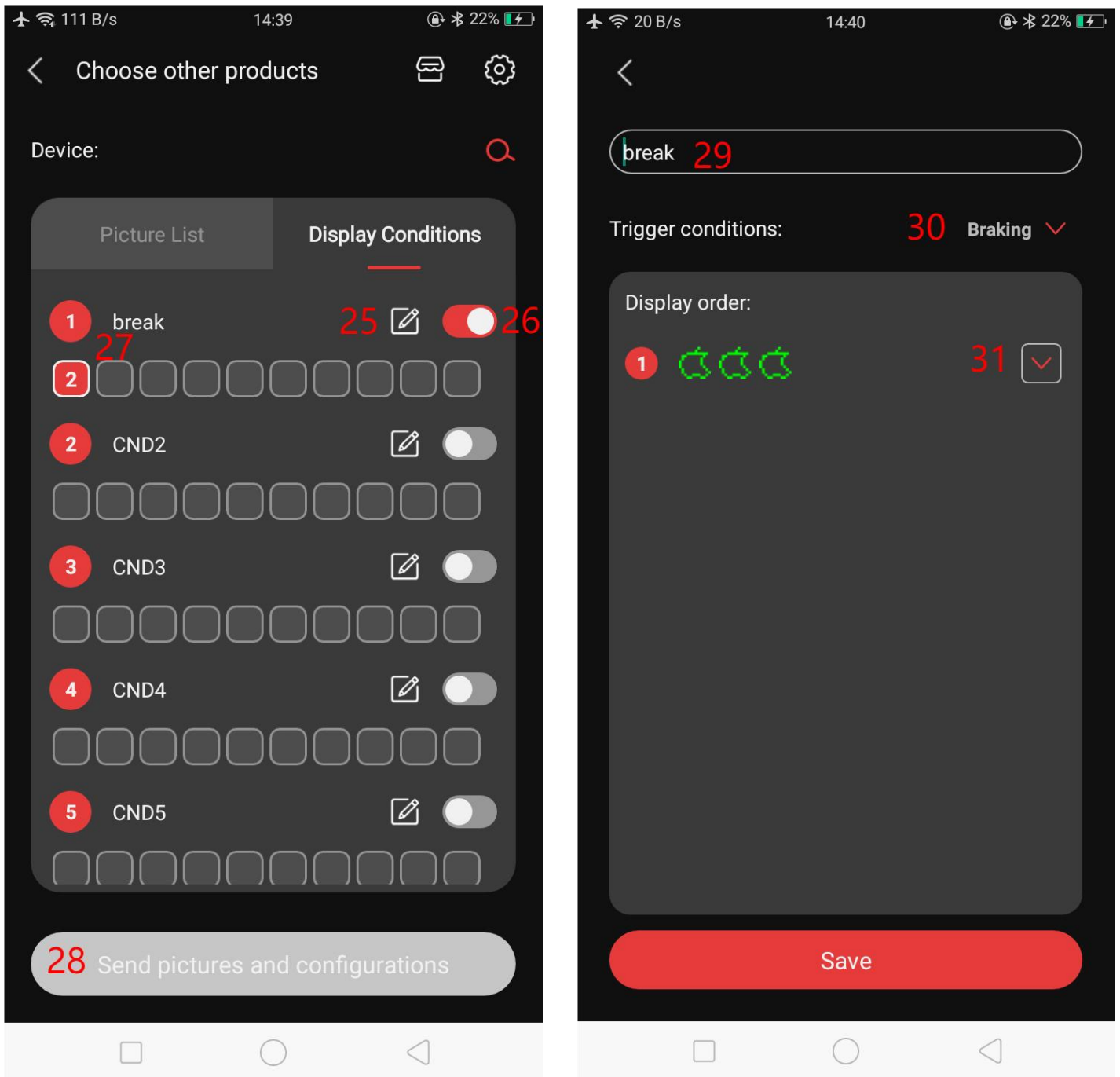


Fig. 7

- 32: Language selection
- 33: Auto/Manual Mode selection
- 34: Brake sensing enable switch
- 35: Turning light enable switch
- 36: Brightness adjustment
- 37: Battery level
- 38: Firmware update
- 39: Restore factory settings

Note: Need to connect to the MagiQ before enter settings menu

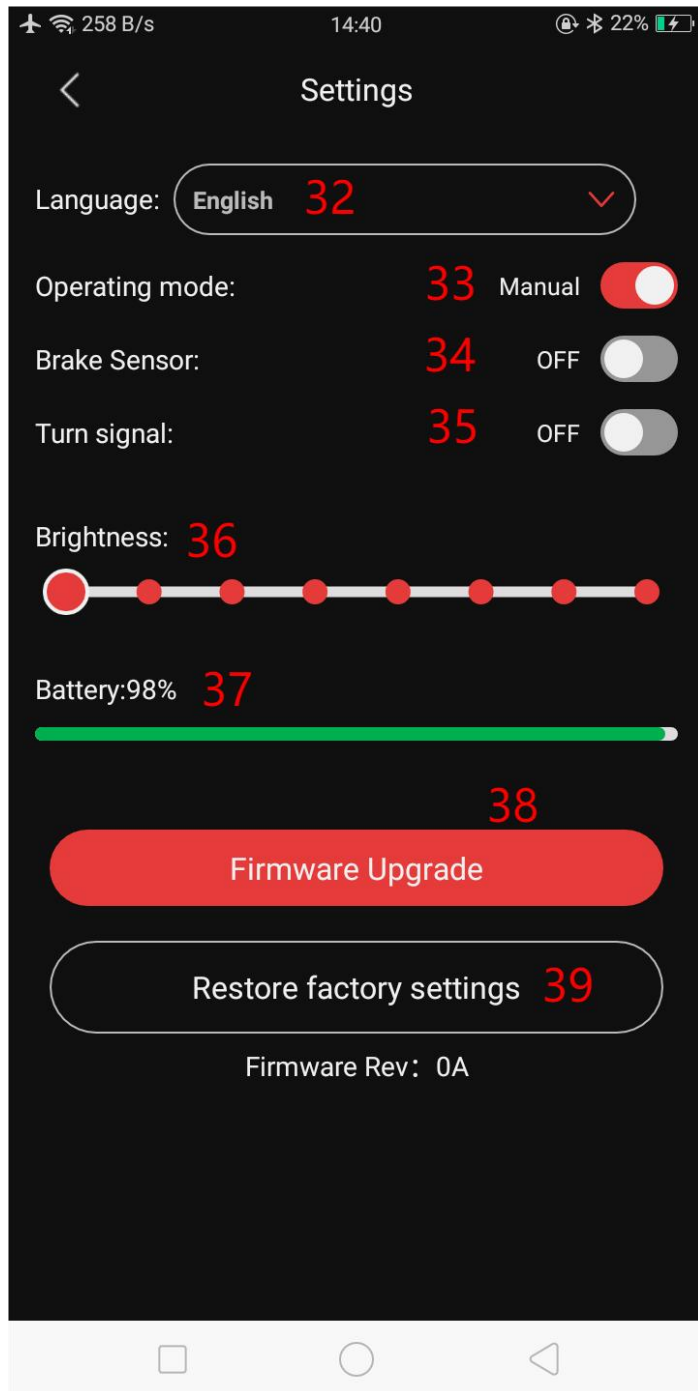


Fig. 8

4.2. Edit the picture

It is allow to edit a single frame or edit the whole picture:

Edit a single frame

Edit a single frame is only create one frame on the local library and it can not upload to the Creative workshop. To edit a single frame, need to click the “+” (11) as shown in Fig. 12

Edit a picture

A picture including can have 10 frame maximun, and it can upload to the Creative workshop.

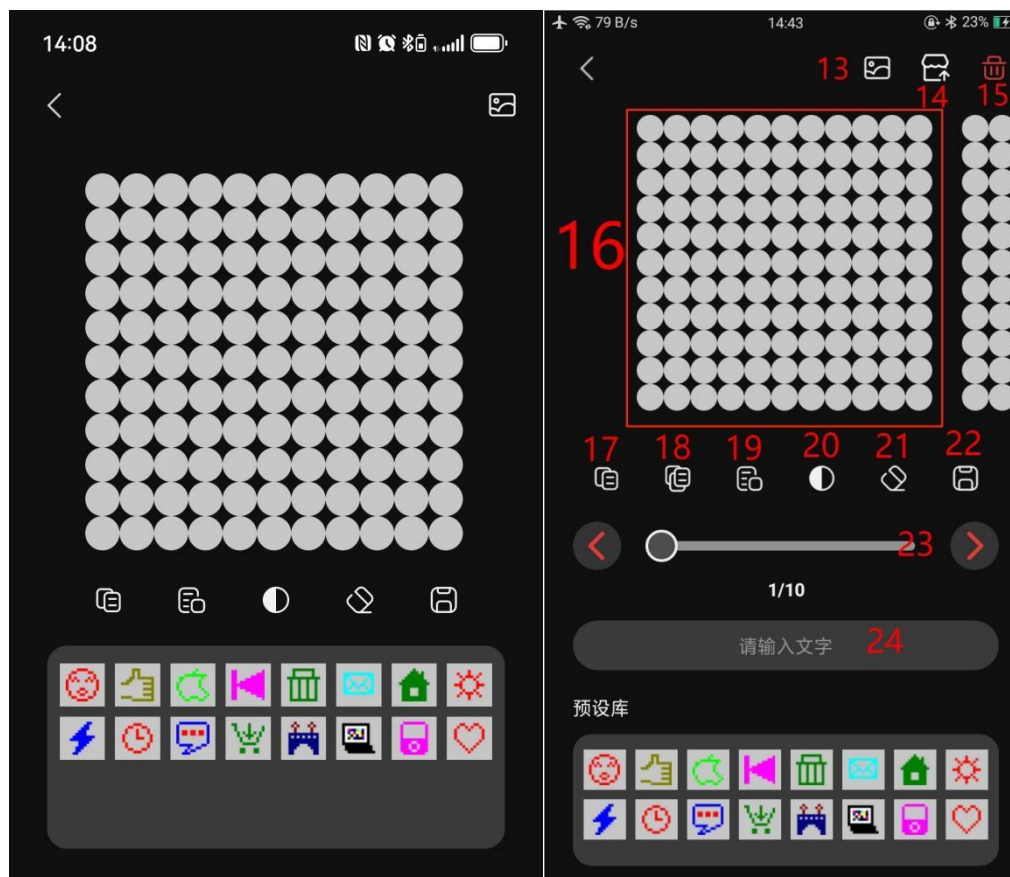


Fig. 9 Edit a single frame (left)/Edit a picture(right)

4.3. Condition display sequence

Condition display sequence allow user to set a trigger condition and display a set of pictures that seleted by the user when the condition has met. For example, the setting as shown in Fig. 10 will display picture3, 2 and 10 one by one when braking is detected .

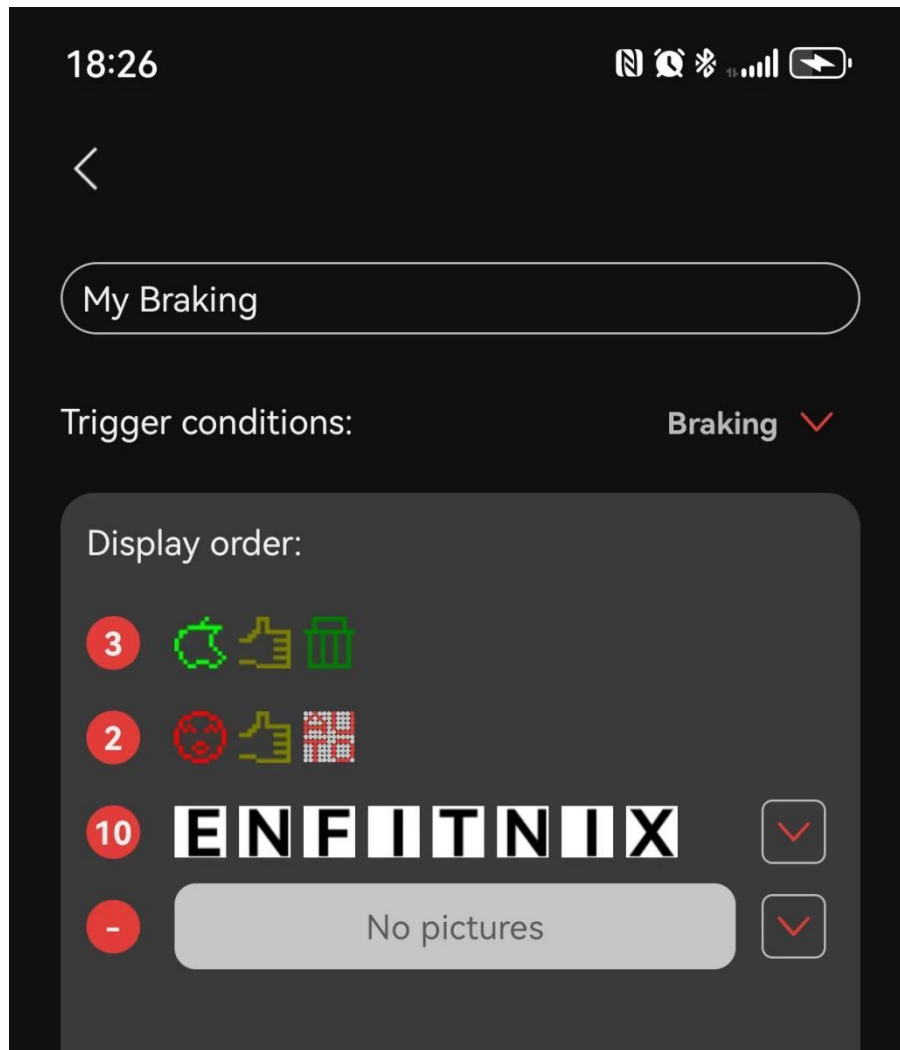


Fig. 10

4.4. Creative workshop

The Createive Workshop allow user to create their own design and share with other. It also allow user to download the designs from other users.

In the main screen of the MaigQ as shown in Fig. 5 , enter the creative workshop by clicking . After logon or register a new account, you can now upload your design to the Creative Workshop and allow other to view/download your design. Meanwhile, you can also download designs from others.

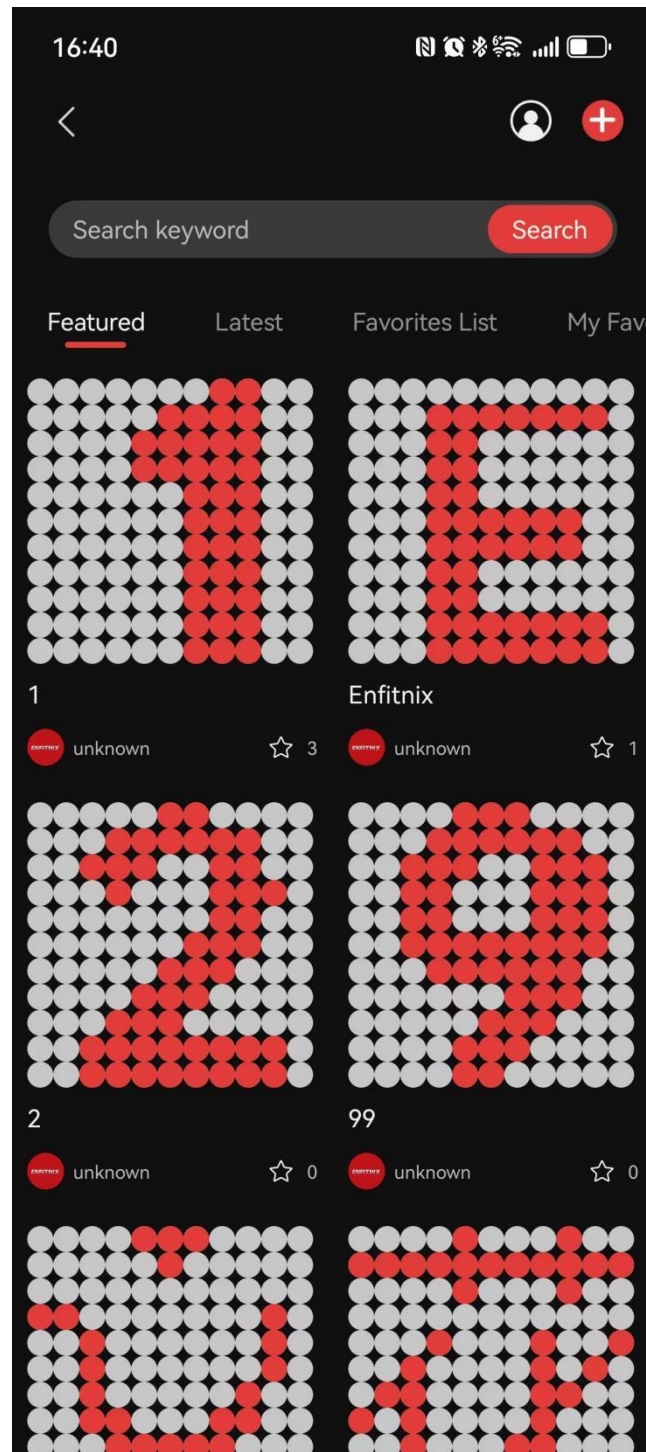


Fig. 11

5.Installation

Seatpost mount

Step1:Tighten the Seatpost Mount Bracket with the rubber band.



Fig. 12

Step2:Fit the MagiQ onto the seatpost mounting bracket as show below

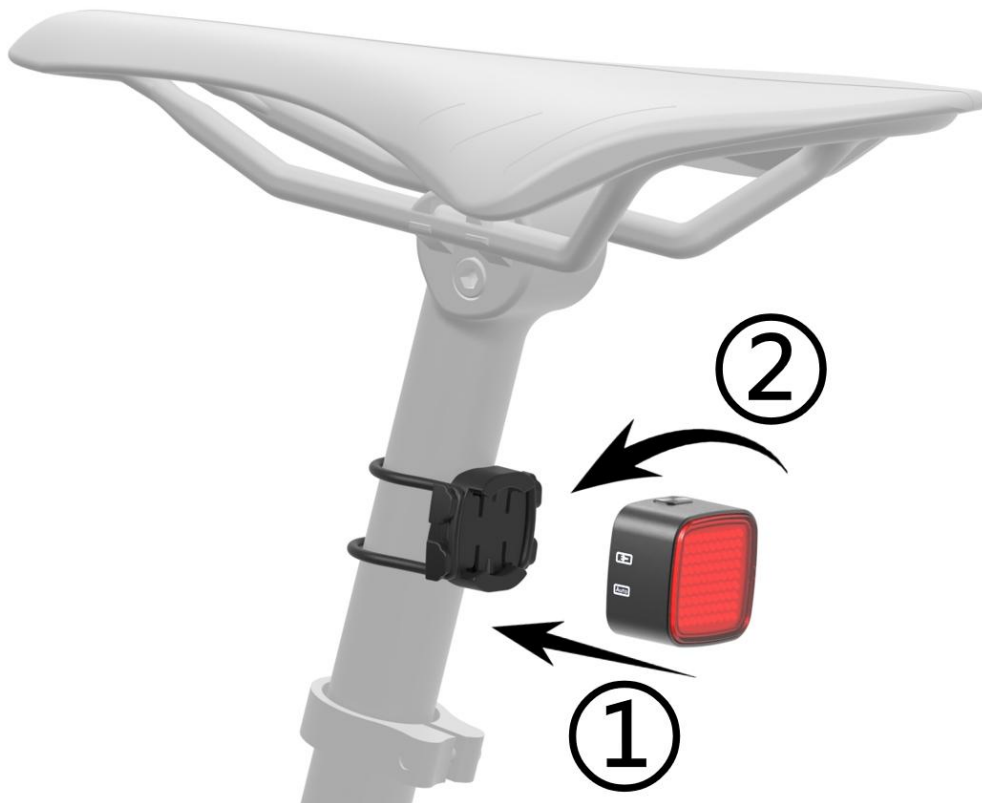


Fig. 13

Saddle mount

Step1:Place the mounting bracket on the seat rails and tighten with the zip-ties. Cut excess length off if need.

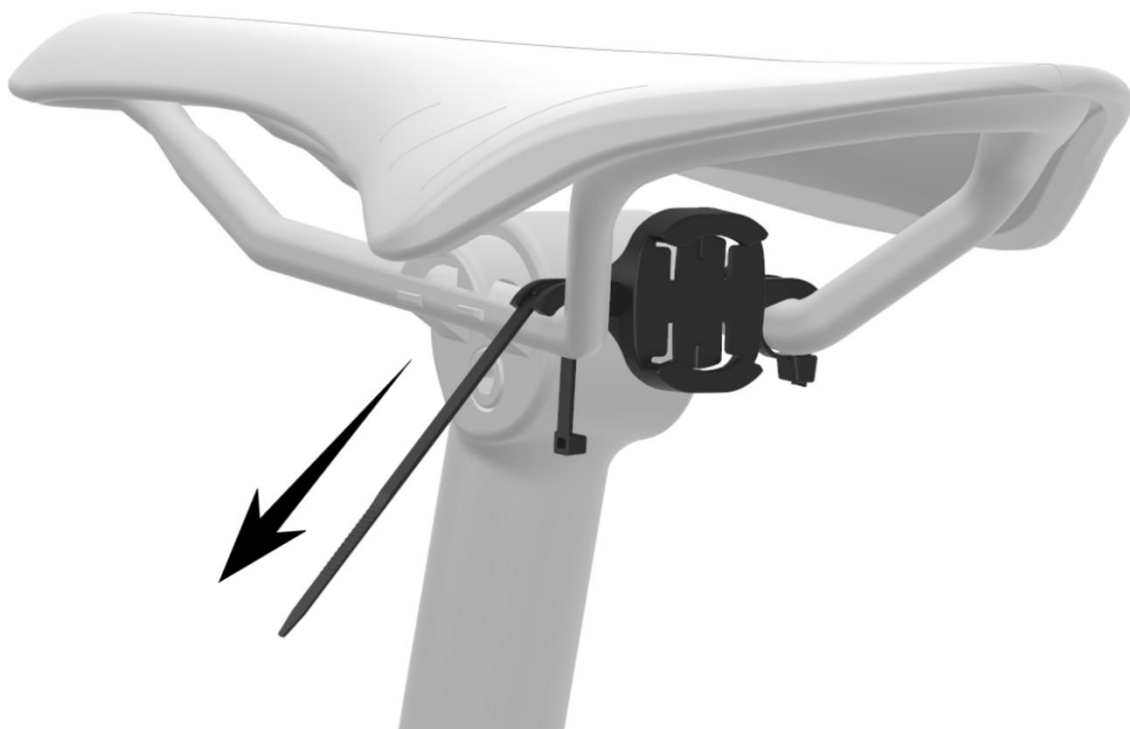


Fig. 14

Step2:Insert the MagiQ and turn clockwise or counter-clockwise until the light is click-in.

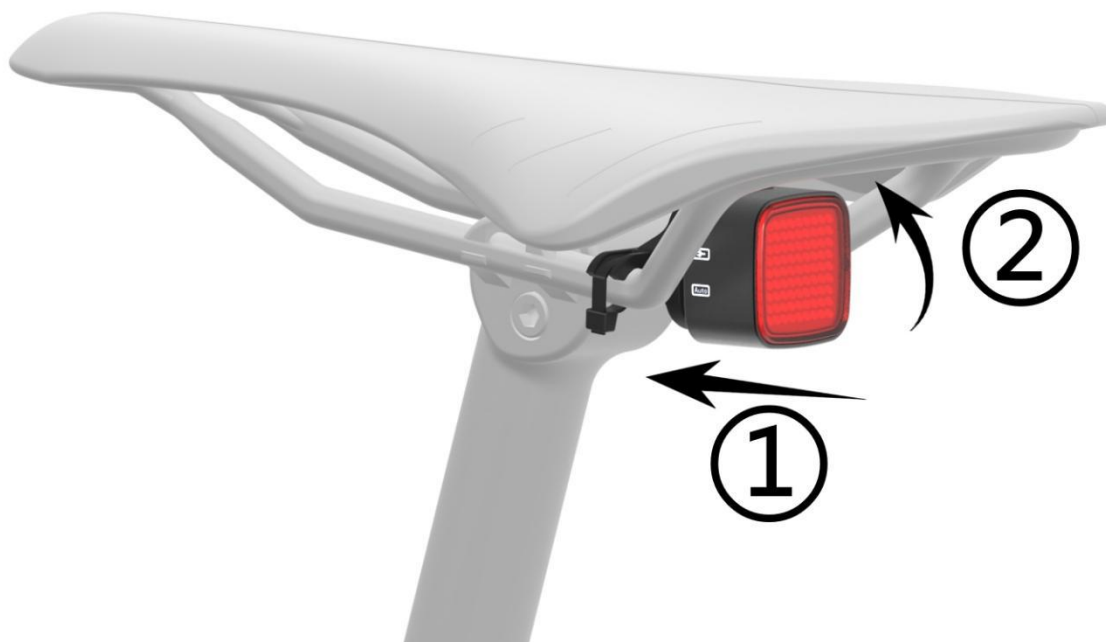


Fig. 15

6. Pair remote control

1. Press the MagiQ button to turn on the device



Fig. 16

2. Press and hold the MagiQ button for about 5 seconds until the Bluetooth logo is shown, and then release it.



Fig. 17

3. Press any button on the remote control to turn on the device. If the indicator light stays on, it means the device has been successfully turned on. If the indicator light is not on, please check if the battery is installed correctly or if it is fully charged.

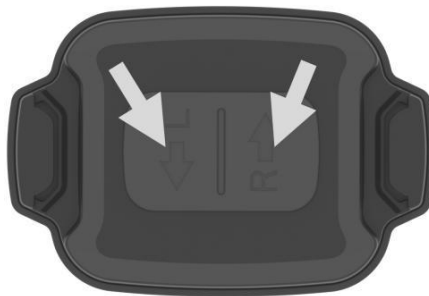


Fig. 18

4. Wait until the remote indicator turn from constantly-on to flashing. This indicating that the remote is connected to MagiQ. In case of failed to connect to the remote, please turn-off the MagiQ and remove the battery from the remote and repeat step 1~4.

7. Charge the battery

When MagiQ shows low battery, please charge the lights through the USB terminal on the back (③ in Fig.1) , with a charging time of 2-3 hours.

To replace the MagiQ remote battery(CR2032), turn anti clock-wise to release and turn clock-wise to close the cover.



Fig. 19

8. Warranty

The MagiQ is covered by a one year warranty.

Please contact the reseller or Enfitnix Customer Service in case of any quality issues:

Tel: +86 (0)769-2223 4810

Email: ecs@enfitnix.com



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FCC Statement

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.