Instruction for User

CHEMI**ON**

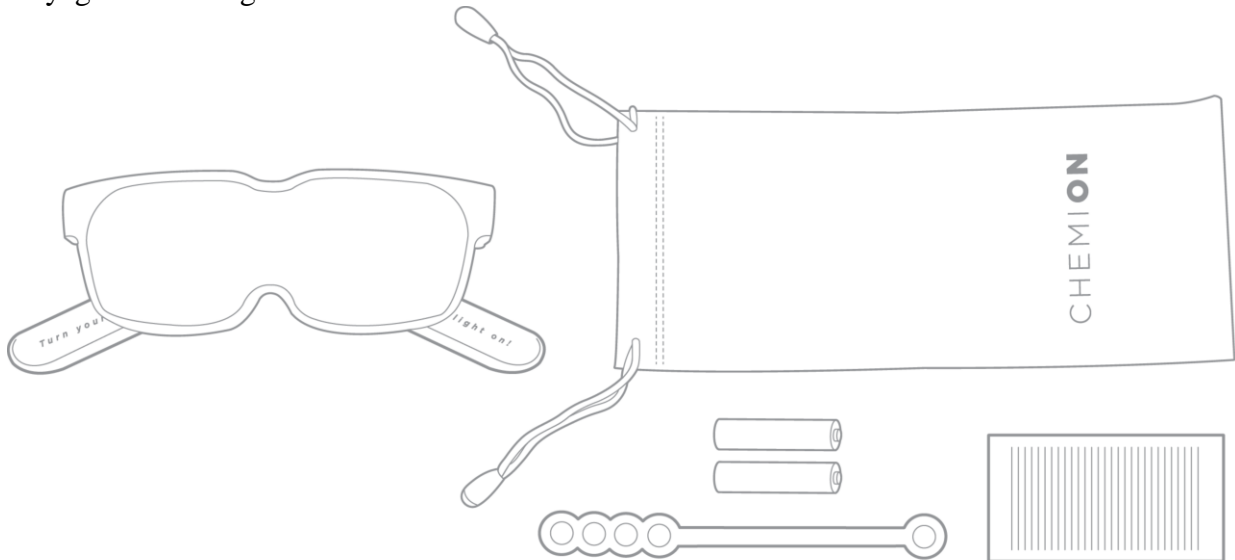*Turn your light on!*

FUNiOT

Table of Contents

1) Component

- Glasses
- Simple manual
- Glasses strap
- Eyeglass cleaning cloth



2) Introduction

CHEMION is a glasses capable of expressing variety of effect on LED by synchronizing with the smart phone. Using the application, you can express the animation, drawing, or text on your glasses. In addition, by synchronizing with your smart phone in real time, it can also work in forms of equalizer.
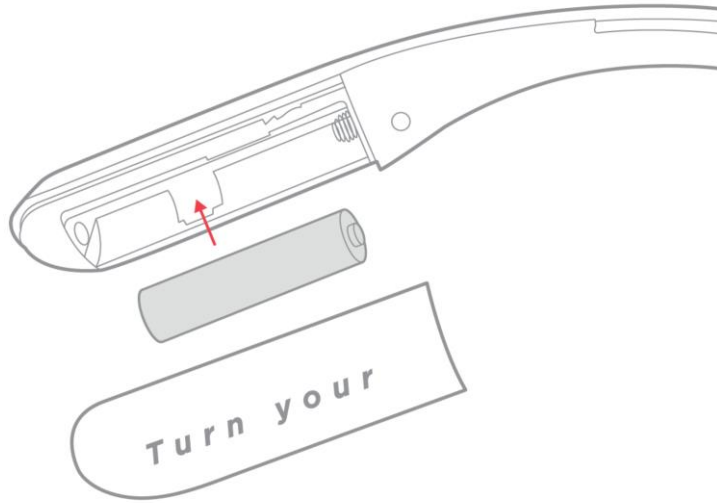
3) How to use the devices

1. Name of Major components

배터리 부

전원버튼
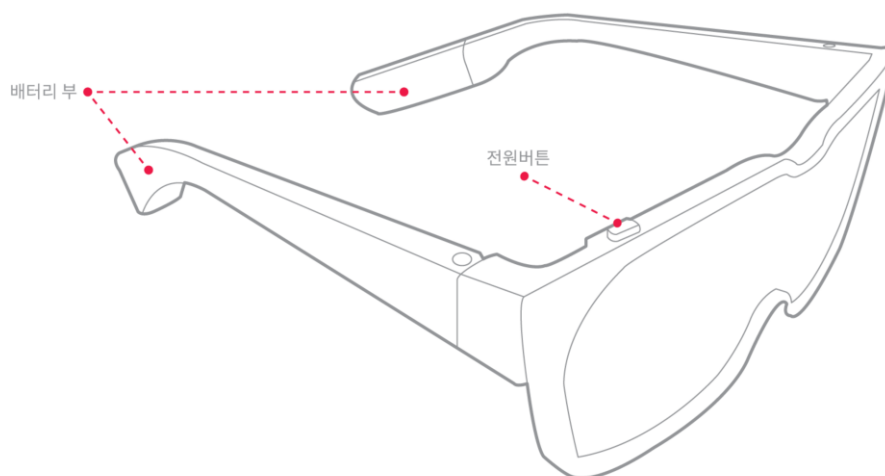
2. Replaceable battery

If LED light is not on or it indicates the low battery, please replace the battery with new one. Make sure you insert the battery in right position for plus and minus end.

3. Power ON/OFF

You can turn off or on the machine by pressing power button more than two seconds.

4. Night mode

CHEMION supports Night mode if you press power button again while the device show you POWER ON indicator. Night mode will protect your eyes from dazzle by adjusting the brightness.
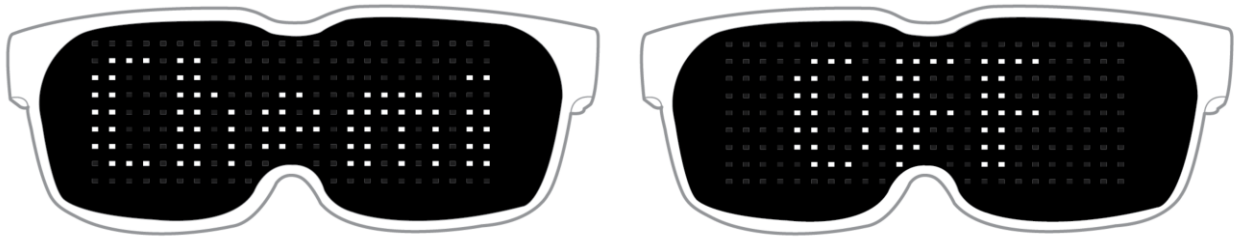
5. Loading the saved animation

You can save maximum of five animations on your CHEMION. You can play the saved animation by pressing power button briefly. To proceed to next animation, press the power button briefly again.

6. Other feature

① Power ON
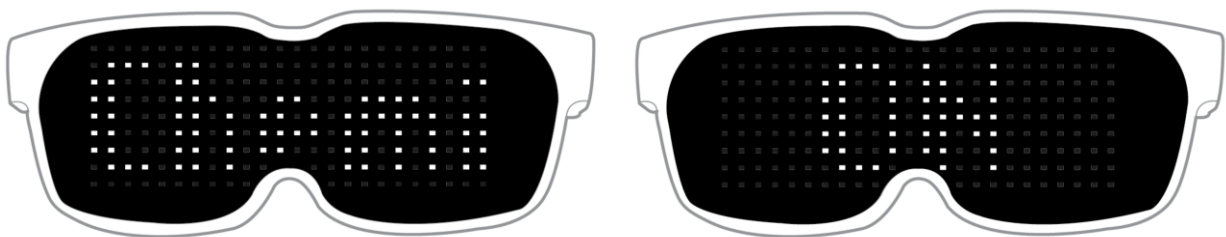
② Power OFF

③ Pause / Stand by
   a. You can see serial number when it stand by
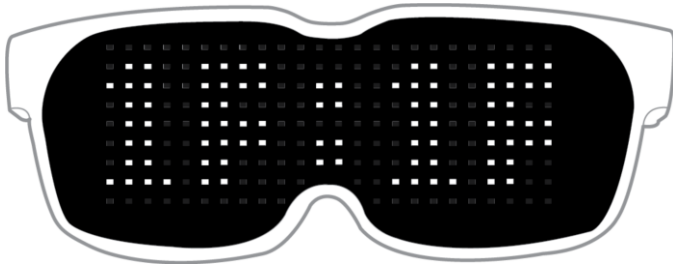
④ Transferring data to CHEMION from application
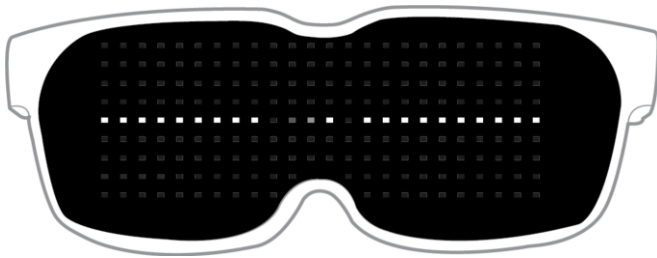
4) Manual for application

- Application can be downloaded either Apple appstore or google play market.

1. Launching application and connecting device

① Turn on the power of CHEMION and launching the application
② Select the name of the searched device
③ If there is any connection error, try to reconnect by searching device again.
④ To use the application without connecting to device, choose 'start without device' below.
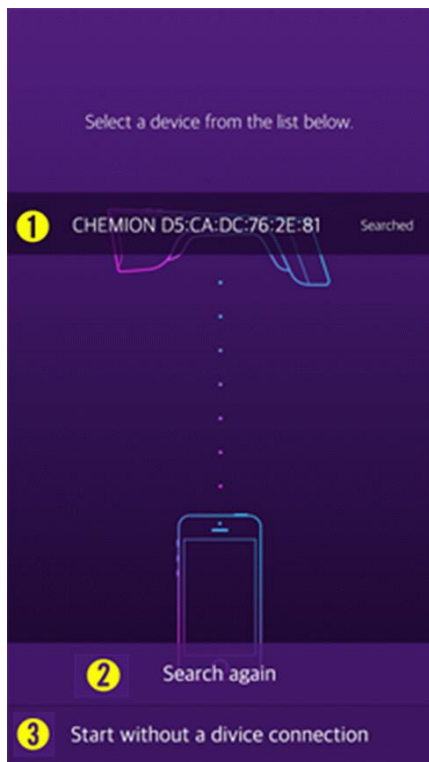
2. Main Page

① Text : You can type text to make it appear on CHEMION
② Creator : You can save either text or animation.
③ Equalizer : it presents equalizer appropriate for the music.
④ Explorer : You can see the animation made by others.
⑤ My Folder : You can check your text, picture, and animation at glance.
⑥ Configuration: You can change the name of device and check remaining battery.
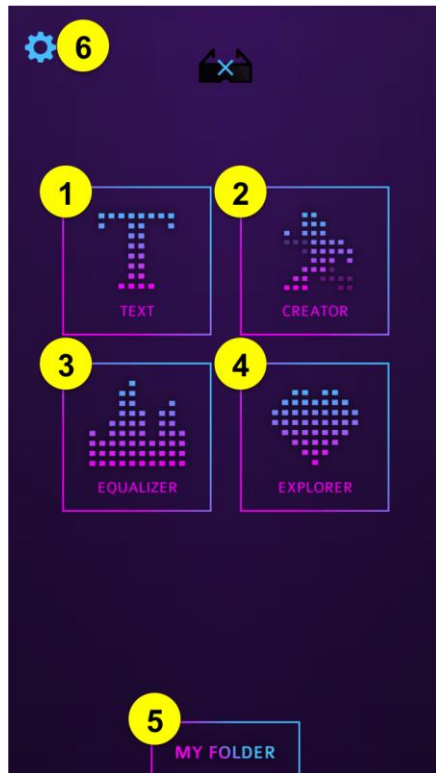
3. Text

You can type any message you want to show on CHEMION
- ① Select the 'insert' and type the message
- ② Message will appear on CHEMION once you select 'go'
- ③ Check the 'DJ section' for DJ function
- ④ Save either my folder or CHEMION
- ⑤ Move to the page where you can edit the animation on CHEMION

4. Creator

You can create your own picture or animation.

① Copy the page.

② Paste the copied page into current page.

③ Delete the page.

④ Entire dots on the page move to the selected direction by one pixel.

⑤ Erase the entire dots on the current page.

⑥ Reverse the color of the dots on page

⑦ Adjust the brightness of the dots

⑧ Play the picture or animation you made on your CHEMION.

⑨ Add the page.

⑩ Save either CHEMION or my folder.

⑪ Share or save(my folder or CHEMION) animation, picture made by explore.
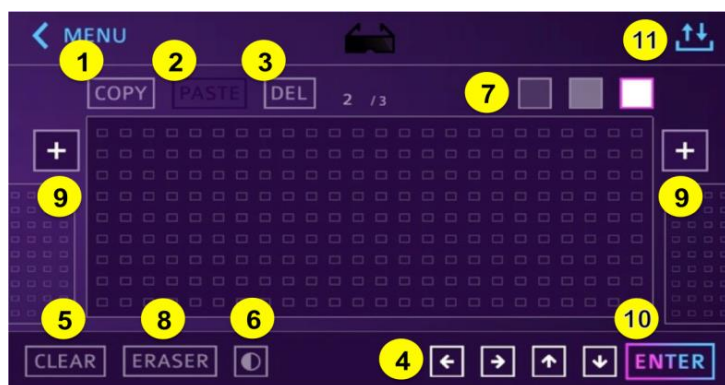
5. Equalizer

You can choose the equalizer you want to show on CHEMION. Equalizer responds to surrounding sound and music.
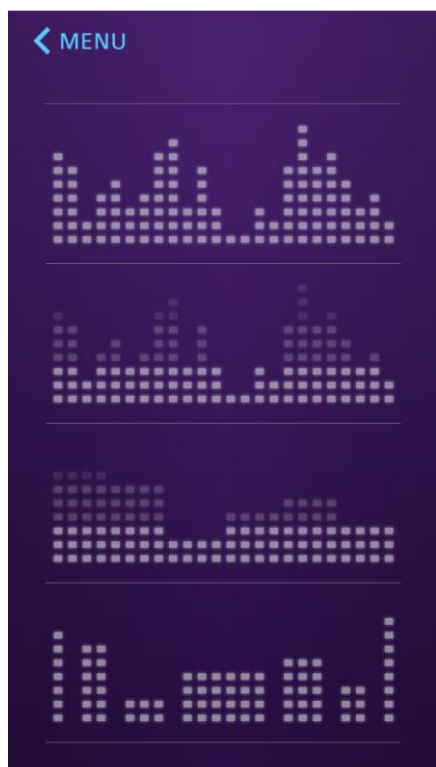
6. Explorer

You can see the animation made by others. Animations that are made of Apps or Web are shown in here.
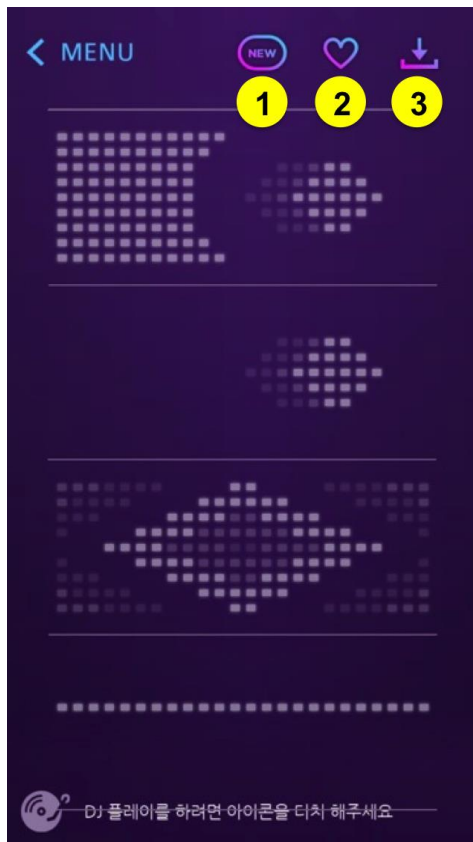
① Arranges in date order.
② Arranges in the number of 'Like' order.
③ Arranges in the number of download order.

7. My folder

You can check your text, picture, and animation at glance.
  ① Save the picture or animation on CHEMION
  ② Edit the picture or animation
  ③ Delete the picture or animation
  ④ Move the order of slots to below or above
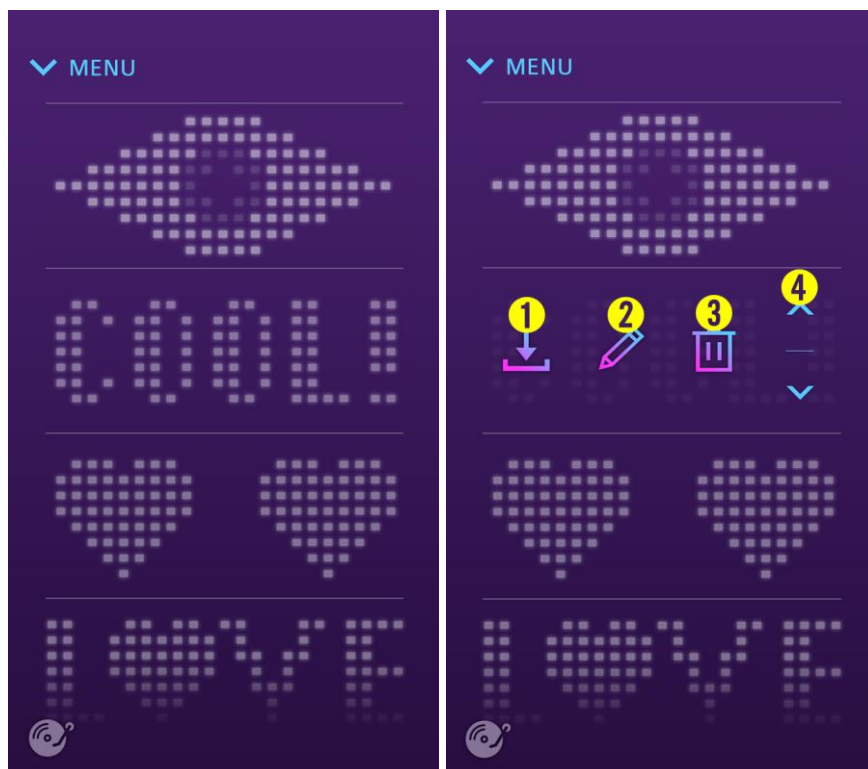
8. DJ

It is a feature to provide variety of effect on CHEMION

①Adjust the speed of animation being played.

②Blink : LED being played while pressing 'Blink'

③Switch : It switches to the picture or animation of LED of CHEMION while pressing.

④Button for switch setting: You can select the animation or picture you want to save on switch from my folder.

⑤Select from the MY folder the picture or animation that are going to save at Switch

⑥Switch to general DJ mode
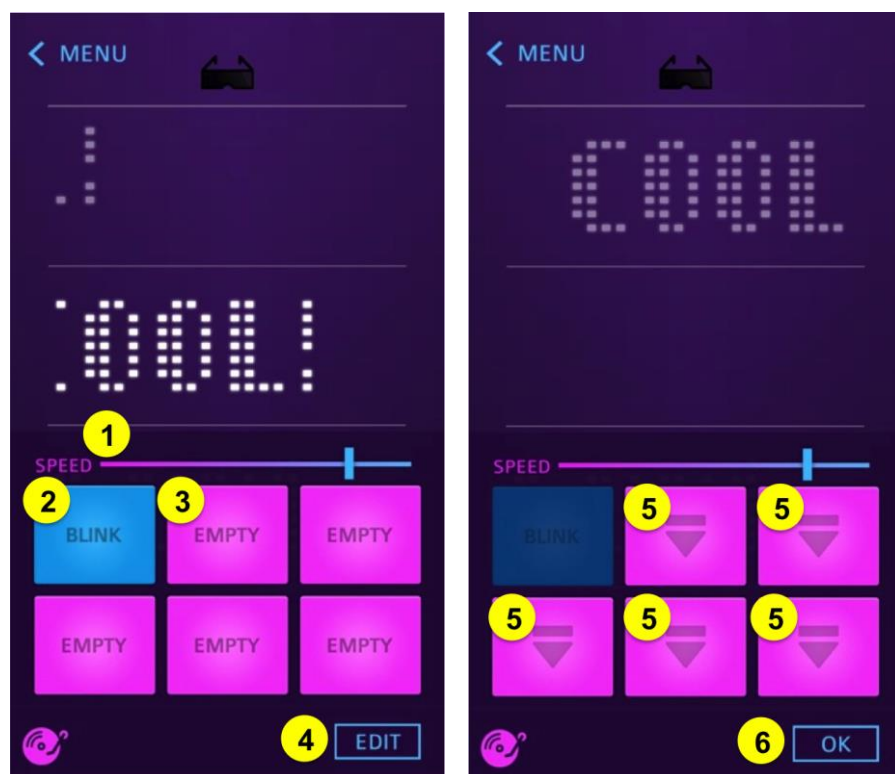
9. Configuration

① You can edit the information of device such as updating your firmware or changing the default name of CHEMION.   You can also set your application to automatically connect to CHEMION when it is launched.

② Check the remaining battery. You can check the remaining battery in numeric scale when you press the button.

③ You can check the help for the use of CHEMION

④ Credits of people participated in making CHEMION
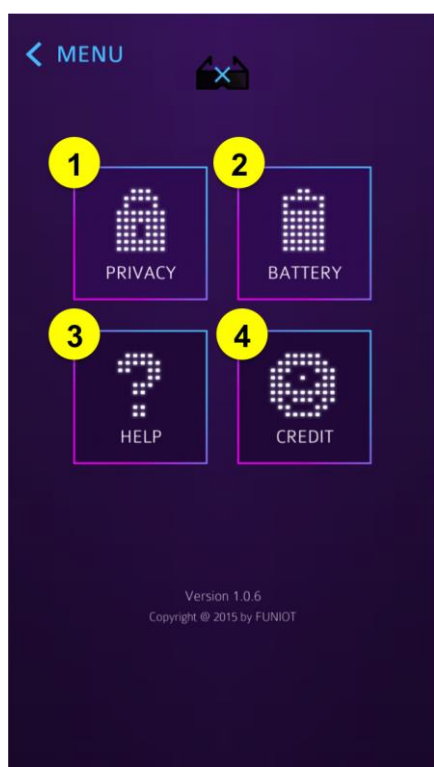
5) Manual etc

1. In case of loss of connection between CHEMION and application
① Please try to reconnect the CHEMION by selecting the connecting icon above.
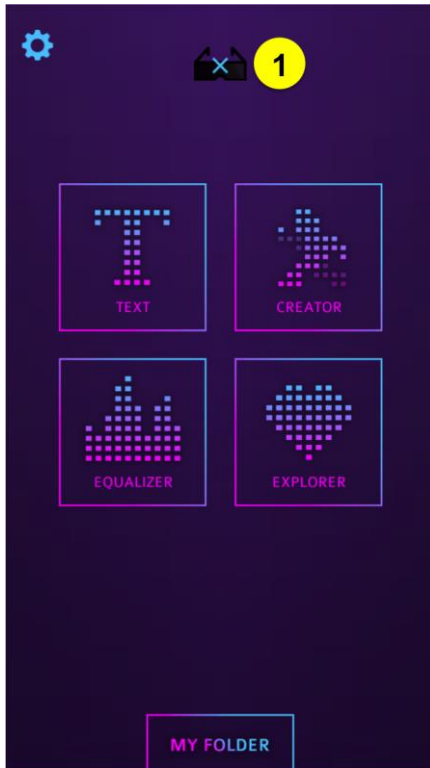
2. How to change the name of device
You can change the name of device by selecting 'Privacy' icon on configuration menu and 'Changing the name of device'.

3. How to switch private mode
By clicking 'Privacy' on configuration menu, you can active or deactivate

6) Caution

1. Since exchange or repair is not possible without quality assurance manual, please hole on to it after purchasing device.

2. Make sure to write the date of purchase on quality assurance manual.

3. Delivery
① Pack the device carefully to prevent any damage
② Attach the telephone number, name, and address on the quality assurance manual.

4. Contact with e-mail address below or webpage for additional detail.

help@chemi-on.com

7) Warranty

1. If device is malfunctioning the product with normal usage, sent it to service center so that it can be shipped back to you fully repaired.

2. In other cases of malfunctioning, you can also send the product to service center, but with additional cost.
① Damage from the careless use by user
② Damage from the custom modification or repair
③ Damage caused by flood or conflagration

8) Device specification

The number of LED	210
Brightness of LED	3
Bluetooth	4.0(BLE)
BT transmission spd	1.4 KB/s
Storage space	100 KB
Battery specification	1.5v AAA size battery 2EA
Battery duration	8 hours operation on playing animation
Operating System	Android : kitkat 4.4 OB iOS : 7 OB
Size	160mm x 200mm x 55mm
Weight	

9) Information on qualification
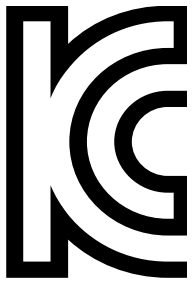
Company : Funiot, Inc
Equipment : CHEMION
Model : CHM-2000
Date of manufacture :
Country : Republic of Korea
S/N :

The device is possibly disturbed its communicating system by magnetics or any other blue tooth.

CAUTION

FCC REQUIREMENTS PART 15

Caution: Any changes or modifications in construction of this device which are not expressly approved by the responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 interface, and

2. This device must accept any interference received, including interference that may cause undesired operation.

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 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 radio or television off and on, the user is encouraged to try to correct interference by one or more of the following measures.

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on another circuit.
4. Consult the dealer or an experienced radio/TV technician for help.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY INCORRECT TYPE

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Quality assurance manual

Product		CHEMION
Model		CHM-2000
Date of purchase		/ / / (YYYY/MM/DD)
Warranty		
Location		
Customer	**Address**	
	Name	

This product was manufactured under the strict test on the quality. If repair is required by reasonable way of usage from customer, we guarantee repair.

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http://www.chemi-on.com