

Instruction for User

CHEMION

Turn your light on!



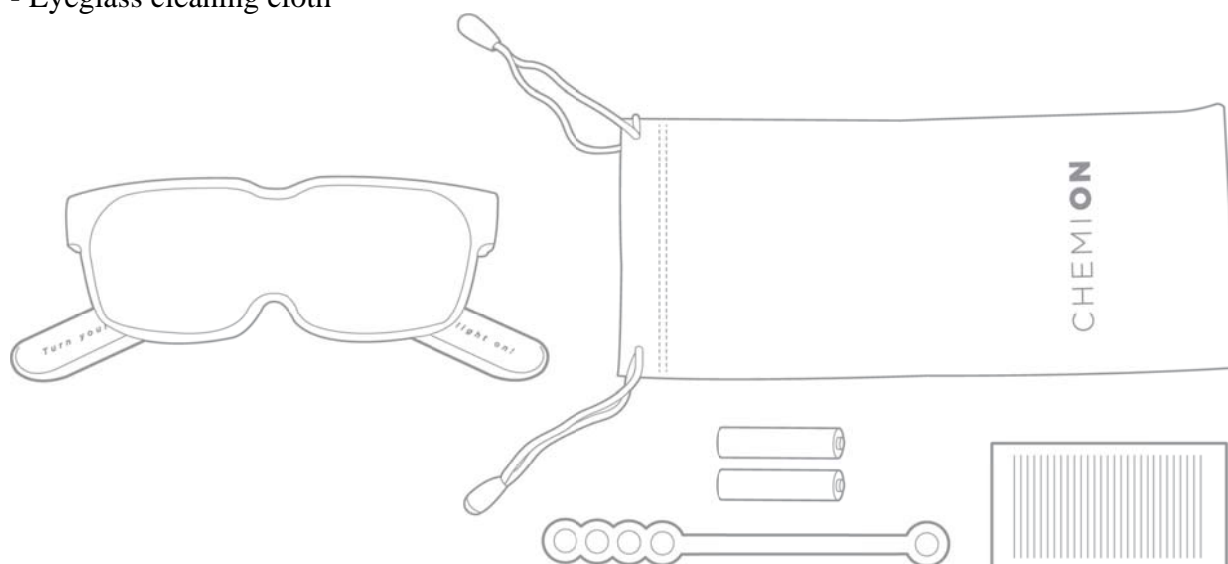
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1) Component

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



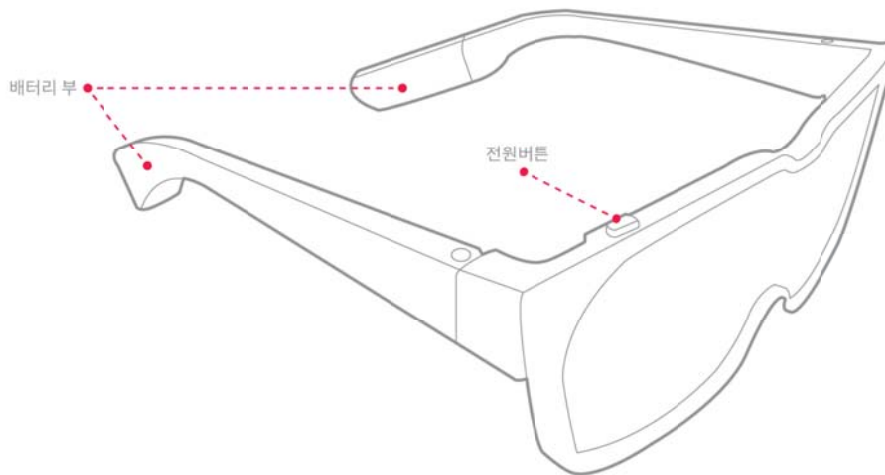
2) Introduction

LED-GLASSES 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.

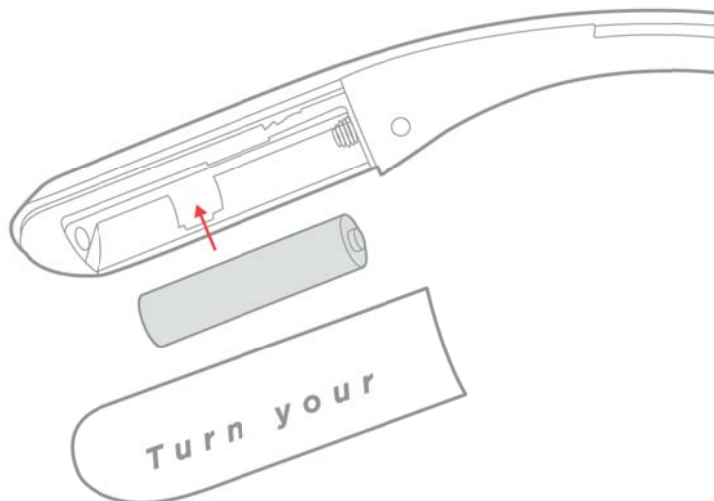
3) How to use the devices

1. Name of Major components



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

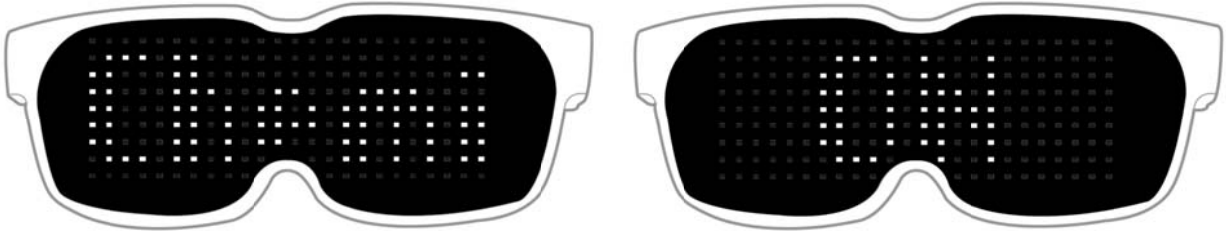
LED-GLASSES supports Night mode if you press power button again while the device show you POWER ON indicator. Night mode will protect your eyes from dazzle by adjusting the brightness.

5. Loading the saved animation

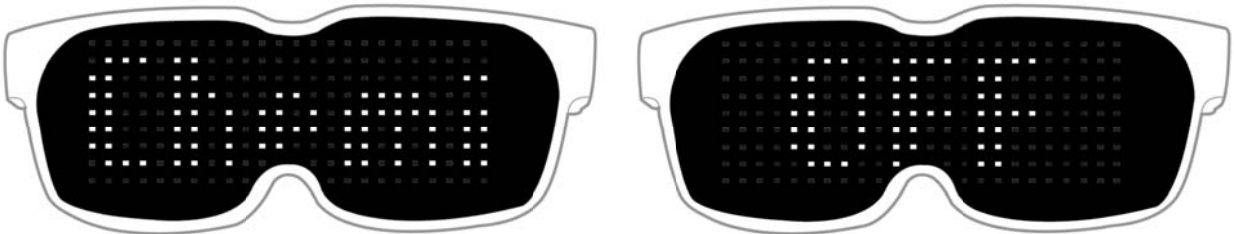
You can save maximum of five animations on your LED-GLASSES. You can play the saved animation by pressing power button briefly. To proceed to next animation, press the power button briefly again.

5. Other feature

① Power ON

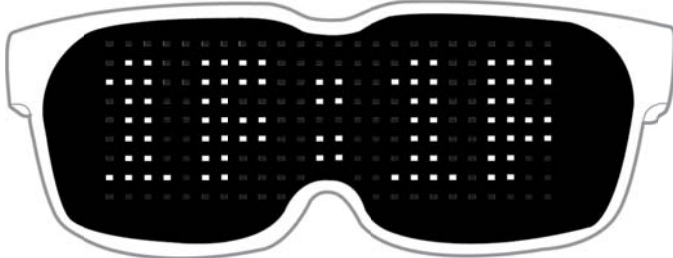


② Power OFF

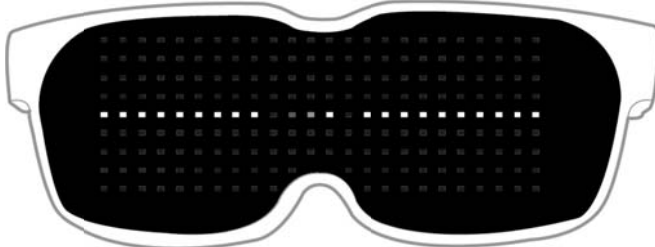


③ Pause / Stand by

a. You can see serial number when it stand by



④ Transferring data to LED-GLASSES from application



4) Manual for application

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

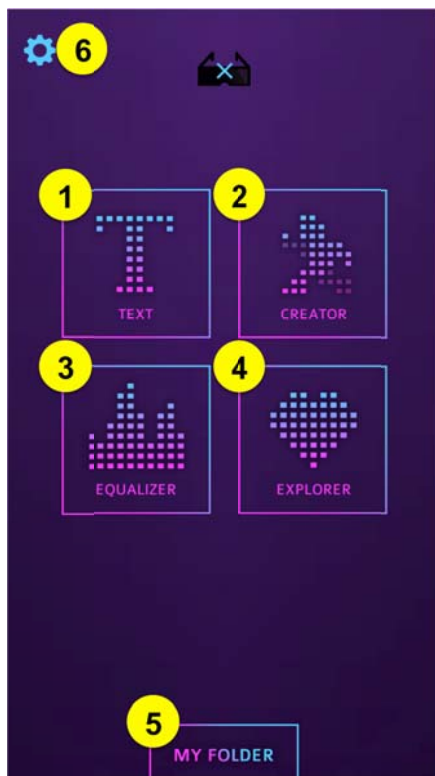
1. Launching application and connecting device

- ① Turn on the power of LED-GLASSES 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.



1. Main Page

- ① Text : You can type text to make it appear on LED-GLASSES
- 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 LED-GLASSES

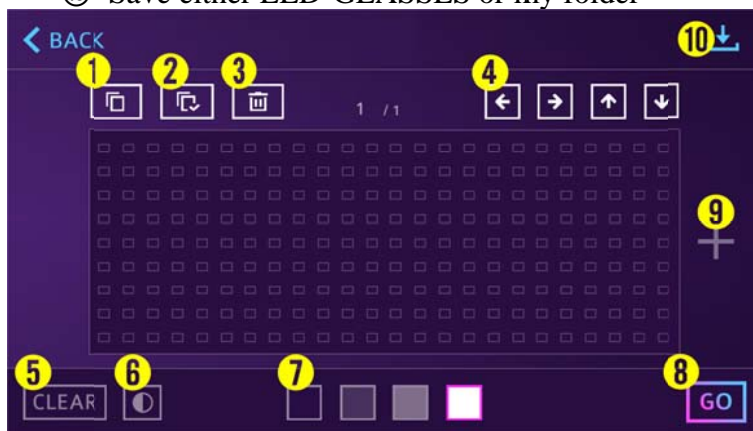
- ① Select the 'insert' and type the message
- ② Message will appear on LED-GLASSES once you select 'go'
- ③ Check the 'DJ section' for DJ function
- ④ Save either my folder or LED-GLASSES
- ⑤ Move to the page where you can edit the animation on LED-GLASSES



4. Creator

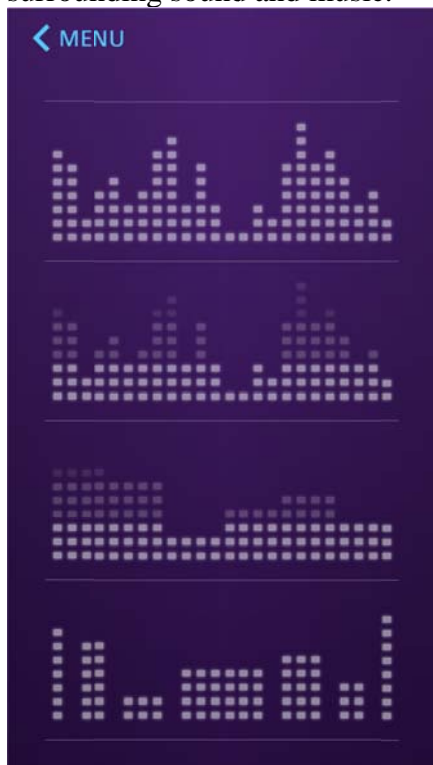
You can create your own picture or animation.

- 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 LED-GLASSES
- ⑨ Add the page
- ⑩ Save either LED-GLASSES or my folder



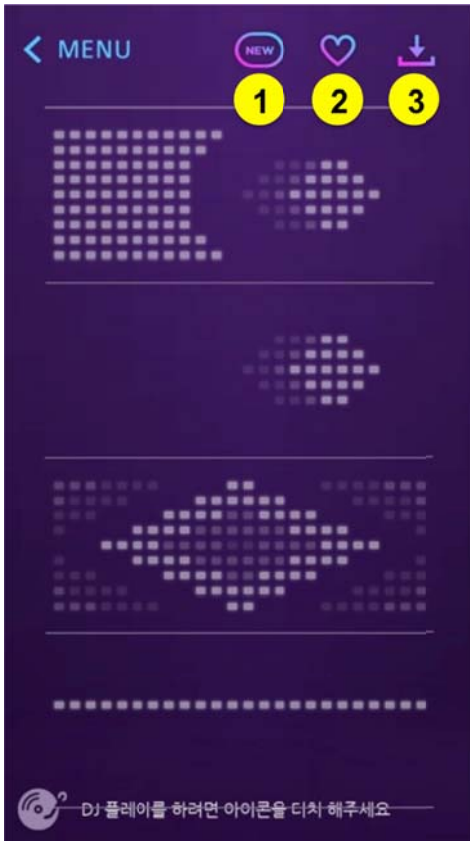
5. Equalizer

You can choose the equalizer you want to show on LED-GLASSES. 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.

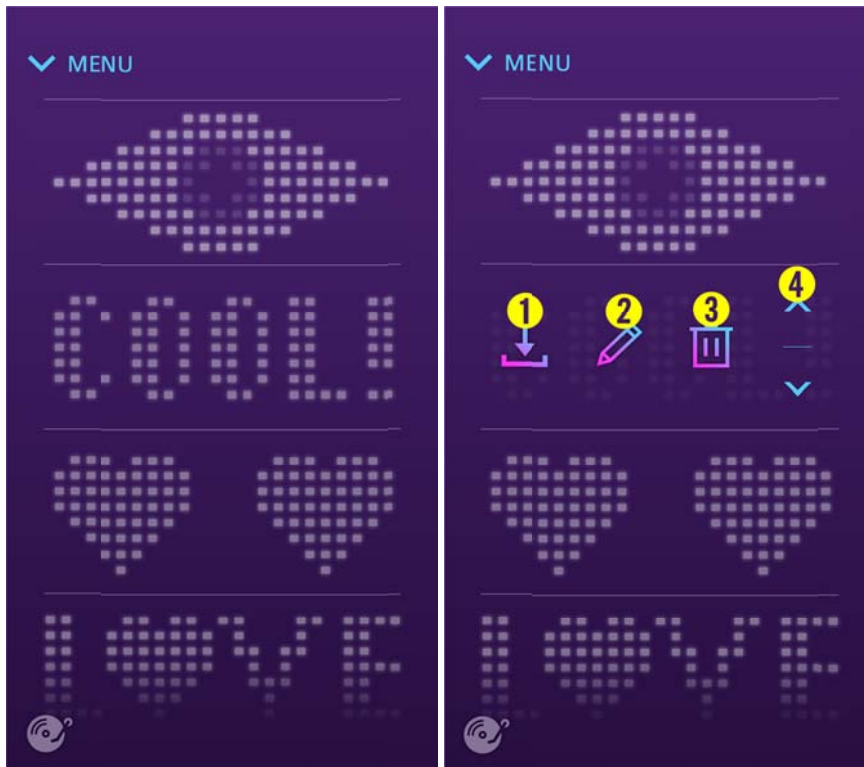


- ① Arranges in date order.
- ② Arranges in the number of 'Like' order.
- ③ Arranges in the number of download order.

7. My folder

You can check your text, picture, and animation at glance.

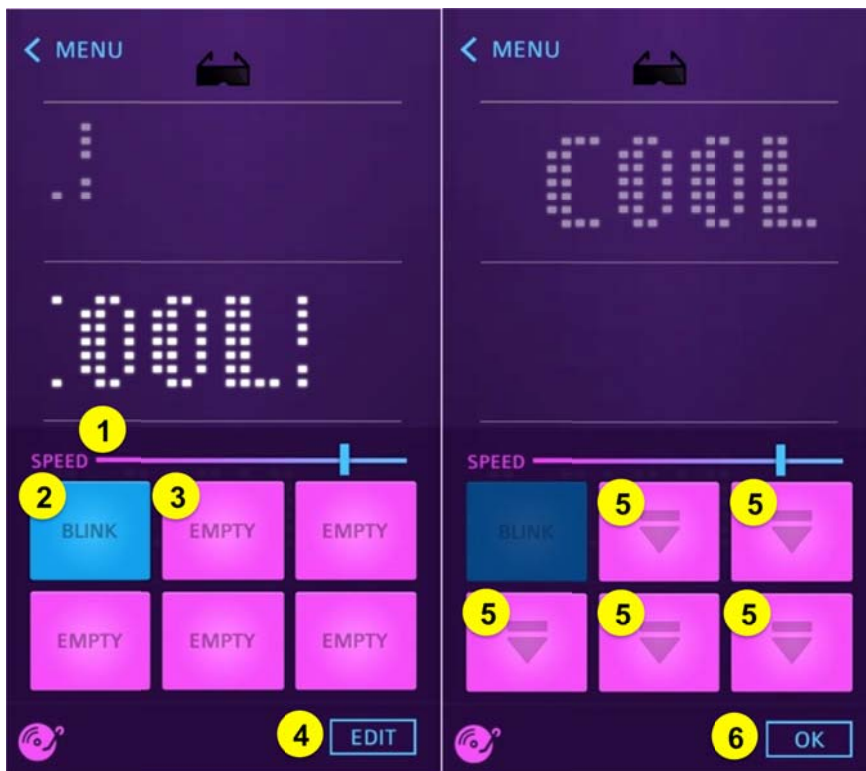
- ① Save the picture or animation on LED-GLASSES
- ② Edit the picture or animation
- ③ Delete the picture or animation
- ④ Move the order of slots to below or above



8. DJ

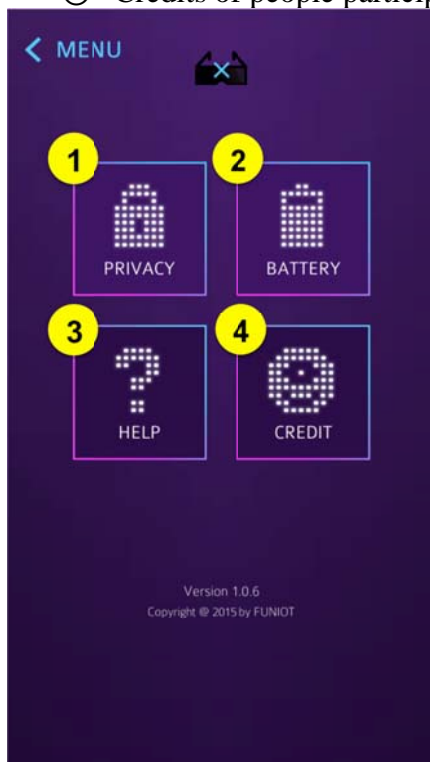
It is a feature to provide variety of effect on LED-GLASSES

- ① Adjust the speed of animation being played.
- ② Blink : LED being played while pressing 'Blink'
- ③ Switch : It switches to the picture or animation of LED of LED-GLASSES while pressing.
- ④ Button for switch setting: You can select the animation or picture you want to save on switch from my folder.
- ⑤ Select from the MY folder the picture or animation that are going to save at Switch
- ⑥ Switch to general DJ mode



9. Configuration

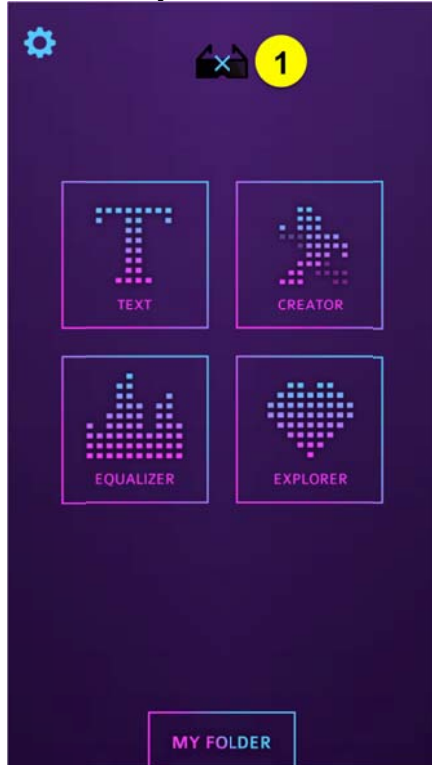
- ① You can edit the information of device such as updating your firmware or changing the default name of LED-GLASSES. You can also set your application to automatically connect to LED-GLASSES when it is launched.
- ② Check the remaining battery. You can check the remaining battery in numeric scale when you press the button.
- ③ You can check the help for the use of LED-GLASSES
- ④ Credits of people participated in making LED-GLASSES



5) Manual etc

1. In case of loss of connection between LED-GLASSES and application

① Please try to reconnect the LED-GLASSES 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

4. How to update Firmware

By clicking 'firmware update at privacy menu' on configuration menu, you can start to update firmware.

6) Caution

1. Since exchange or repair is not possible without quality assurance manual, please hold 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 within one year after you purchase 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
- ④ Malfunctioning after the year of your purchase

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
Firmware update	App update on wireless
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 57mm
Weight	

9) Information on qualification



Company : Funiot, Inc
Equipment : LED-glasses
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	LED-GLASSES		
Model	CHM-2000		
Date of purchase	/	/	/ (YYYY/MM/DD)
Warranty	1 year from purchase		
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.



<http://www.chemi-on.com>