

Cool Glass ONE



BETTER VIEW THE WORLD

*This user guide depends on the software version. If there are any changes, we won't notify you. Please refer to your current version for using this user guide.

CoolGlass One

----User Guide

1. Introduction

2. Specifications

3. Software Application Map

4. Main icons

5. Touchpad Introduction

6. Begin to use Cool Glass One

❖ 6.1 Turn on/ off

❖ 6.2 Awaken methods

❖ 6.3 Charging Instruction

7. Initial Settings

❖ 7.1 Pair and bond Cool Glass One to your cell phone

❖ 7.2 WiFi connection

8. Main Features Instruction

❖ 8.1 Software System Update

❖ 8.2 Voice Command Control Instruction

❖ 8.3 Take Picture

❖ 8.4 Video Recording

❖ 8.5 Navigation

❖ 8.6 AR- Reality enhancement

❖ 8.7 Third Party Applications

9. How to wear

10. Shortsighted Lenses

11. Accessories

12. Common Problems

13. Other Questions:

Customer Service

Trade Mark

☐ Disclaimer

1. Introduction

Cool Glass One is a smart glass that can be controlled by voice command. It also has a touch pad on the right side of the glass frame. Cool Glass One has the AR function and it is based on Android 4.3 operation system.



Cool Glass One is the first smart glass, which is controlled by Chinese voice command with AR function. Users can use Cool Glass One to do basic functions like take picture, record video, make phone call, text message and navigation by voice command. By using voice command control, people can save the complicated work on cell phone and free their hands. The strongest data exchange and LCOS monitor calculation make our lives become easier. By using the functions of Cool Glass One makes people's daily lives including traveling, cycling and outdoor sports become more convenient. Moreover, accessories like the short-sighted lenses and shaded glasses can fulfill different customers' needs.

2. Specifications

The main parameters	
CPU	Ingenic M200
System	Cool Glass ROM (based on Android4.3)
Screen Resolution	LCD 800x480 pixels
Storage	8G
Camera / video	800W camera, 720P video capture
Battery capacity	400mAh
Endurance	Normal 8h, continuous recording> 150mins, standby time 48 h
The whole length	195mm
Bare metal weight	45g
The function of cool glass	Photographs, video, real-time sharing, send text messages, AR, navigation, and other third-party applications
The color of cool glass	Pearl white, luxury grey, sky blue, China red, cherry pink and light yellow
Set Standard Accessories	Folding glasses casex1、Piece sunglassesx1Lens Bagx1 USB headsetx1、chargerx1、Data cablex1Sports ropex1 Glasses clothx1、Instructionsx1、Warranty Cardx1

3. Software Application Map

- ✧ Swipe forward and backward to switch the interfaces;
- ✧ Click to enter the secondary interface and again, swipe forward and backward to switch.

4. Main icons



unread messages



missed calls



voice supportive



system upgrade



delete



turn off



low battery



full battery

5. Touchpad Introduction

Swipe forward and backward: Switch interfaces

Swipe down: Go back to the previous interface (Swipe down on the home page goes to sleep mode)

Single tap: Enter

Press and hold:

1. Play music, press and hold to enter music settings

2. Keypad, press and hold to delete numbers
3. Manage text message, press and hold to delete messages

6. Begin to use Cool Glass One

6.1 Turn on/ off

Turn on: Press and hold the power button for three seconds. Cool Glass One is on when the monitor has its light on.

Turn off: Press and hold the power button for three seconds when Cool Glass One is on. Cool Glass One is off when the monitor is in black.

6.2 Awaken methods

1. Tap to awaken Cool Glass One: Slightly tap the touchpad to wake Cool Glass One when it is in sleep mode.
2. Awaken Cool Glass One by voice command: When Cool Glass One is in sleeping mode, say “Ok, Cool Glass”.

6.3 Charging Instruction

When plug in the USB cable , the charging light will be on and flashing.

This means Cool Glass One is charging. When it stops flashing,

Cool Glass One is now fully charged.

7. Initial Settings

7.1 Pair and bond Cool Glass One to your cell phone



Android version

1. Turn on Bluetooth on your cell phone, (Bluetooth on Cool Glass One is always on)
2. Choose “connect to Glass” on App, and tap “QR code bonding with Cool Glass One”
3. Choose “connect to cell phone” on Cool Glass One and then tap “scan QR code” on the App in order to pair and bond Cool Glass One to your cell phone. (Traditional pairing through bluetooth between Cool Glass One and cell phone on App also works.)



Connect to cell phone Use Cool Glass One to scan QR code



Connected successfully

iOS version:

1. Enter cell phone bluetooth settings to search for Cool Glass One, connected successfully.
2. Open App for connected devices, then it will have the bonding process

7.2 WiFi connection

There are two ways to connect to WiFi (Once Cool Glass One is bonded to your cell phone):

1. Choose WiFi connection on App settings: Choose WiFi connection in settings, search for available WiFi, enter password, after connecting successfully, now Cool Glass One can go on the internet. (You can also click on the WiFi icon to WiFi settings)
2. WiFi connection on Cool Glass One settings: Turn on WLAN on Cool Glass One settings, tap scan, swipe to choose the available WiFi, enter password after choosing any accounts on App from the cell phone. Once Cool Glass One account is connected, WiFi connection is complete. If it fails to connect to WiFi, tap on “cancel to save”, “connect again”.

iOS version:

1. Click WiFi icon for Cool Glass One WiFi settings

2. Acquire cell phone WiFi account automatically, enter password for Cool Glass Once WiFi connection

8. Main Features Instruction

8.1 Software System Update

You can use Cool Glass One system update setting and upgrade it to the latest version.

8.2 Voice Command Control Instruction

1. Awaken by saying “Ok, Cool Glass” in primary and secondary interfaces
2. Say the command for what you want to do with Cool Glass One
3. Use voice command to take picture, record video and follow by the notification for instant share, for example, “Share on Weibo”, “Share on Wechat”, “Share on Youku”, and so on.

8.3 Take Picture

1. Take picture manually: Single tap to take picture, save picture to album.

This interface supports voice command. You can say “Take Picture”, “Exit” to control Cool Glass One without using your hands.

2. Voice command to take picture Awaken by “Ok, Cool Glass” and then say “Take picture”
3. Shortcut button to take picture: Press the shortcut button for camera

8.4 Video Recording

1. Record video manually: When enter the video recording interface, the default time is 10 seconds. Within this 10 seconds, you can choose to extend recording or stop. After recording, you can use voice command or your hands to play back the video, share on youku, stop and exit.
2. Voice command for video recording: Awaken by “Ok, Cool Glass”, then say “Record video”
3. Shortcut button for video recording: Press and hold the shortcut button for camera to record video

8.5 Navigation

1. Follow the signs on interface, say where are you going
2. Swipe to choose the destinations and how do you want to go there
3. Swipe down to choose “backstage running” “re-routing” and “exit”

8.6 AR- Reality enhancement

AR function can help you receive the information about shopping, living and food.

1. Tap to enter AR interface or using the shortcut button, use your voice command to enter “malls”, “food”, “hotels”, “lifestyles”
2. Follow by the signs on the interface and choose the search range
3. Swipe forward and backward to choose the final destination
4. Swipe down goes back to the previous interface.

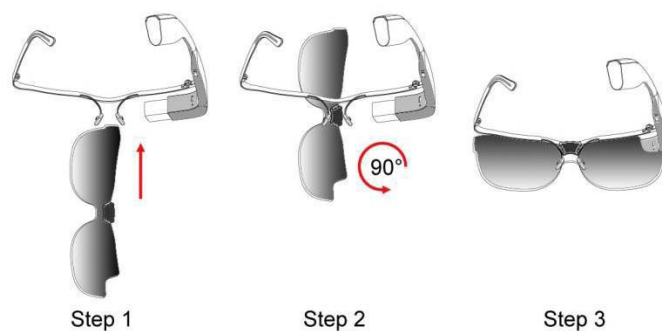
8.7 Third Party Applications

Having the apps that are exclusive to Cool Glass One, for example: live streaming app, weather app and so on. There will be more and more applications like translation and face recognition for Cool Glass One once the third party development platform for Cool Glass One is built.

9. How to wear

1. After putting on Cool Glass One, you can adjust the nose pad of the glass to make it more comfortable.
2. After the monitor is on, follow the signs on the monitor to adjust the prism (Be caution of the strength you put on the prism) After finding the right angle, you should see the full and clear image.

10. Shortsighted Lenses



Installation: Use your left hand to hold the lenses and your right hand for Cool Glass One, then rotate counterclockwise of the lenses for 90 degree to clip the lenses on the top of nose pad. Adjust to wear.

Remove: Use your left hand to hold the lenses and your right hand for Cool Glass One, then rotate clockwise of the lenses for 90 degree to remove it.

11. Accessories

Headset Instruction:

The headset has the L/R three-dimensional sound effect. L for long line and R for short line. This is exclusive for Cool Glass One. Use: Plug the headset into the right side of the glass's bottom. There is a USB port.

Folded Eye Glass Case:

Cool Glass One can be put into this case after folding. Easy to carry.

Sport Strap:

Help to secure Cool Glass One on your head while you are doing sports

12. Common Problems

My Cool Glass One

1. In order to increase the voice resignation accuracy, please use Mandarin for voice command control.

2. Use QR code for glass and cell phone pairing. Try another time if the first time doesn't work.
3. It is better for you to keep your Cool Glass One and cell phone within 10 meters when you are making phone calls, texting messages, live streaming and other features that require bluetooth connection.
4. Please keep Cool Glass One in cool place and prevent it from bending. Clean the lenses and prism regularly to ensure it works properly.

13. Other Questions:

1. Can Cool Glass One be used under water?

Answer: No

2. What should I do if I am shortsighted?

Answer: You need to go on our official website to special order and customize your lenses by providing us your prescription. (Zeiss lenses, there will be extra charges)

3. What should I do if Cool Glass One cannot be charged?

Answer: Check to see if the battery connection works fine. Are you using our adaptor? And is the charge light flashing? If all the things listed above work fine, please contact our customer service.

4. What should I do if Cool Glass One can not be turned on?

Answer: Check if it is out of battery. If yes, you should charge it first. If fully charged Cool Glass One cannot turn on, press and hold 3 seconds

until there is the on animation. If it still doesn't work, please contact customer service.

5. Are there any privacy issues for Cool Glass One?

Answer: We suggest you to use Cool Glass One while you are traveling, doing sports and other outdoor activities. We do not recommend you use it in theatre, swimming pool and other private places. Users should follow their local laws to use Cool Glass One. If it is the user who uses Cool Glass One illegally, Alto Tech will not take any responsibilities.

Customer Service

Cool Glass One here provides you the best service. If you need to contact customer service, please call 400-864-5277.

Trade Mark

Cool Glass (Cool Glass ONE) are both trade mark and registered trade mark for AltoTech Co., Ltd and AltoTech California, Inc.

IVD disclaimer

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*For more product safety, please login to <http://www.coolglass.com> for more information.

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.

Note: 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 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.

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

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.