



# Smart Wearable Bluetooth Sunglasses User Manual

## Specification:

Model Number	AL-A2
Product Name	Bluetooth glasses
Bluetooth Specification	V4.0 CSR 86XX Chipset
Frequency Range	2.402-2.483GHz
Bluetooth Chip	CSR 86II
Transmission Power	Class II
Bluetooth Mode	HSP,A2DP, AVRCP
Transmission Distance	10 Meters [Without any obstruction]
Music playing time	3-4 hours
Phone-call time	4-6 hours
Charge Voltage	USB DC5V
Charging time	0.5-1 hour
Net Weight	28g

## Operation instruction:

### Power On/Off:

● **Power on:** Long press the “M” key for 5 seconds until blue indicator light blinks for 1 second, and there is a voice hint “hello”.

● **Power off:** Long press the “M” key for 5 seconds when the glasses is on, it will have voice hint “goodbye”. If it is connected with the phone, it will also have voice hint “your phone is disconnected.” and the red indicator light blinks for 1 second.

● **Auto Power-off:** when it is in the unconnected ready mode, it will be powered off after 10 min.

### Pairing&Connection

● **Pairing:** long press the “M” key for 7 seconds and get into pairing mode, the red and blue lights flashing alternately to enter pairing mode. there is voice hint “pairing”.

● **Connection:** Using the phone to search for the bluetooth device, when they are connected, it will have the voice prompt “your phone is connected” and the blue indicator light blinks every 3.5 seconds. If it’s unconnected, the blue light blinks every 2 seconds.

● **Reconnection:** If the connected device is failed to connect beyond the range of bluetooth receiver,

when it backs to the range, it will be connected automatically.

● **Auto-exit pairing mode:** if the pairing is unconnected, it will exit the pairing mode automatically after 5 min. and be the unconnected ready mode.

### **Volume Up/Down:**

● **Volume Up:** long press volume key "+".

● **Volume Down:** long press volume key "-".

### **Music Playing Operation:**

● **Play/Pause-“Touch Area”:** when playing the music, click touch area 1 times. (Optional of Touch Function).

● **Previous song:** Forward oar 1 times or series 2times (Need to according to all kinds of Music Player to be correct choice method of operation as 1 times or series 2times ).

● **Next song:** Backward oar 1 times.

● **Play/Pause-“M”:** when playing the music, short press M key.

- **Previous song:** short press key"-" 1 times or series 2times (Need to according to all kinds of Music Player to be correct choice method of operation as 1 times or series 2times).
- **Next song:** short press key"+"

### **Phone-call Answering, Rejecting or Ending:**

- **Answer a phone-call:** press the "M" key or click the middle of touch area. When you have the call or you are on the phone, the blue light will blinks every 3.5 seconds.
- **End a phone-call:** when you are on a call, press the "M" key or click the middle of touch area to end the call.
- **Reject a phone-call:** long press "M" key.
- **Receiving the phone-call with voice:** when you have the call, you can say yes to answer.(Standard English Pronunciation).
- **Ending the phone-call with voice:** when you have the call, you can say no to end.(Standard English Pronunciation).
- **Redialing of the last call:** double click "M" to redial the last call.

## **Charging&Low battery indication:**

- **Charging:** Use USB cable for charging, the red light always turns on . When it's fully charged, the red light turns off, the blue light turns on.[Charging port is on the right side of the key pieces of the USB port. USB port on the left can not be charged].
- **Low battery indication:** When the battery voltage is lower than 3.1V, there will be a tone of low battery:"Low Battery".
- **Low pressure alarm:** Red light flashing.
- **Optional of Touch Function(Optional Function Of A2: Touch Function)**

## **Note:**

- Before using the product needs to be full charged.
- Before using the glasses, eyeglass lenses need to tear down the inner surface protection film (optional).
- glasses nose pads are the size of adjustable nose pads , it can adjust its size and height.
- myopic lens glasses with frames that can be configured using the myopic lens (optional) according to their degree of.

### Electrical characteristics:

Charging input voltage range (V)	4.7~5.5V
The minimum current requirement of charger (mA)	55mA
Battery charging saturation voltage (V)	4.1~4.3V
Low pressure tip (V)	3.1~3.3V
Low voltage automatic shutdown (V)	2.95~3.15V
The current of calling (mA)	13~17mA
The current of playing music (mA)	15~23mA
The current of shutdown(UA)	0.2uA

### Safety guide:

※Please use this product under the local laws and regulations;

Pay attention to your safe while driving and cycling in wearing this product.

※To assure your safety, please do not listen to music with loud volume or wear two earpieces

under some complicated environment.

※Keep it away from kids, because small parts may cause injuries, asphyxia and so on.

※Pay attention to the warning signs in some special places before using this product, such as hospital, gas station, and any potentially explosive environment.

※Do not disassemble or damage the internal battery. Handle the battery under the local regulations. Do not throw it away as waste.

※Optional of Touch Function

### **Maintenance issues**

※Turn off the power when not using this product.

※Do not put this product in liquid or moist place.

※Do not put this product near fire, to avoid explosion.

※Do not bump this product against sharp objects, to avoid scratches or damage.

※Please put this product in a dry place.

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

## **Caution:**

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.