



# **Monocular Eyewear Tools**

## **USER MANUAL**

### **MS201**



Thanks for choosing our hi-tech products, hope the technology brings you a new life and make your work and life both easier and enjoyable!!!

## PARTS ILLUSTRATION:



## FEATURE:

1. None radiation true color digital micro Lcos panel
2. Comfortable viewing, no eye irritation, scatheless to eyes
3. High refresh rate, accurate and immediate display, short screen response time
4. 4.2 mega exquisite color display
5. Connectable with any media source with AV output
6. Best portable tools for any easy monitoring during production process, field work or clinical check
7. 40 inch large virtual screen for clear display and enhanced argumented reality experience
8. Auto switching between different video system, Pal/Ntsc/Secam
9. Low power consumption

## OPERATION:

### **A) Switch On**

To start the device, please slide the power switch to “ON” side as shown below. Green LED will light on, device is then started.

### **B) Switch Off**

Slide the power switch to “Off” side, device will be turned off.

### **C) Connection with Media Source or Inspection Camera Tools**

Plug the AV cable male head as show below to AV/DC port of the eyewear tools, then plug the other side thru AV output of the media sources or connect thru the transit cable provided to media sources. Yellow plug is for video signal, Red and white plug are for audios if requested.

If in cases audio is required, user can plug his/her headset or speaker to the female socket of the AV cable to get the audio sound.

## **BATTERY:**



- A) If failed to start the device, in most cases the battery is flat and needs to be recharged. For initial three charges, you are kindly requested to charge the li-polymer battery for at least 8-12 hours long to ensure its best performance in future. Please do not charge it for over 24 hours.
- B) Plug the USB charging cable male head to AV/DC port of the eyewear tools and plug the other USB side to a nearby USB port of a computer or wall socket thru a USB AC adaptor to charge the device. Usually a full charge requests 2-3 hours.
- C) The red LED light will turn on when starts recharging and will turn off when battery is fully charged.
- D) If you haven't used the device for a long period of time, we suggest you to recharge the battery first before use it.
- E) Better charge the battery in power-off mode for fast recharge and best product protection.

## SPECS:

Product Size	180*160*40mm (unfolded)
Display Size	40inch Virtual Display
Resolution:	300*224, 201k pixels
Color:	4.2 mega full colors
Power supply:	Embedded 550mAh Li-polymer Battery
Viewing Angle:	26 degree
Power duration	4-5 hours
Input Grayscale:	256 Levels
DC Power:	5V DC/ 500mAh
Display module Luminance:	250cd/m <sup>2</sup>
Power Consumption	<0.4W
Contrast:	80:1
Display frame rate:	120Hz (NTSC) 100Hz (Pal)
Video Signal:	Pal/NTSC/Secam auto switch
Audio	Stereo
Video Signal:	1 Vpp/72Ω
Sound Signal:	200mVrms/20KΩ
Working temp	-10°C - 40°C
Storage temp	-5°C - 60°C
Menu Language	English

## TROUBLE SHOOTINGS:

Symptom	Possible Reason	Solution
No image	Screen input cable not connected	Replug it to the port near the hinges
	AV cable not connected	Connect to the AV/DC port
	Devices off	Start the device
	AV out from media sources were not set	Set the media sources to AV out/TV out mode
Image is not clear	View finder is dirty	Clean view finder with soft cloth
Power Off	Flat Battery	Recharge battery
No sound	Headset not plugged or not plugged well	Replug the headset well
	Volume is down or mute	Increase the volume



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