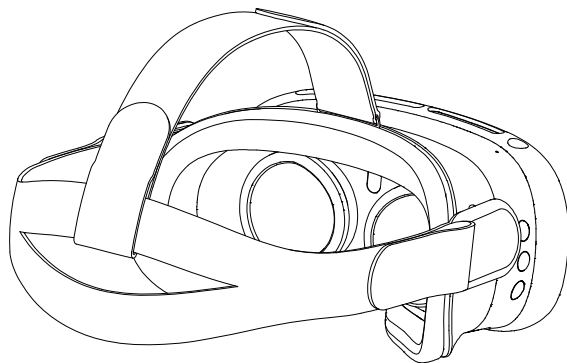
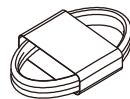


User Guide

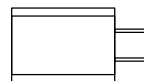


1、The package box includes

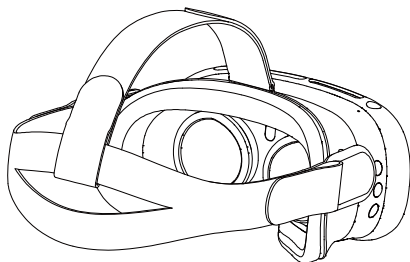
Item	quantity
MR all-in-one device	1
Power adapter	1
USB-C data cable	1
User guide	1
Wired handle	1



USB-C data cable



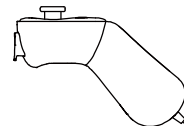
Power adapter



MR all-in-one device



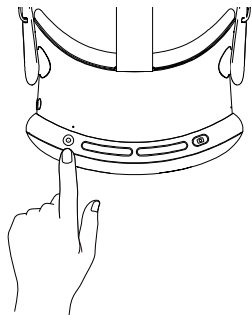
User guide



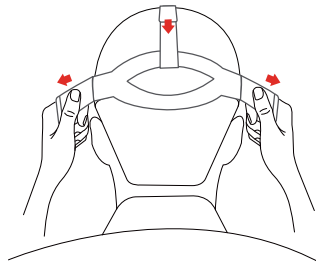
Wired Controller

2、Device wearing method

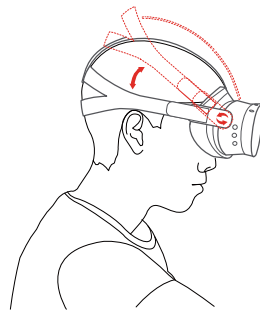
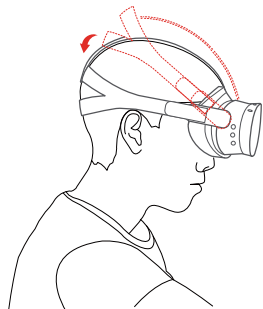
1)、Start MR all-in-one device



3)、Adjust to the clear and comfortable position



2)、Wear MR all-in-one device



The Straps can rotate up and down

3、Button introduction

Power

- 1.Power on: press and hold for 2 seconds
- 2.Shut down: press and hold for 5 seconds
- 3.Reset: press and hold for 10 seconds
- 4.When turning on the phone, short press to sleep

Secondary microphone

Plastic handle

Return

Back to previous

Enter

Menu

1. Short press to pop up the menu interface
2. Press and hold for 1 second to return to the main interface

Heat dissipation vent

Color perspective camera

Please do not cover when using

3D shooting/VST shortcut switch

- 1.Click to open the 3D shooting
- 2.Double-click to open VST

Top strap

Status indicator

USB-C interface

Charging/data transfer

Distance sensor

After wearing the helmet, the system will wake up automatically
After taking off the helmet, the system will sleep automatically

Left speaker

Main microphone

TF card slot

Right speaker

Volume button

4、Operating Instructions

4.1. Head-control Mode

There is a cursor in the center of the screen. You can turn your head to make the cursor point to the position where you need to click, and then press the OK key on the MR all-in-one device or the trigger key of the handle to click.

4.2. Screen Alignment

When the standby interface displayed on the screen is not correct, you can press and hold the Menu key for 1 second to make the screen correct, so that the standby interface is facing your visual angle.

4.3. Volume Adjustment

Method 1: Click the volume increase and decrease button of MR all-in-one device to adjust the volume, and long press can be continuously adjusted;

Method 2: Click the drop-down function button at the top and middle of the screen, and the pop-up function box can also adjust the volume. Click the left and right buttons to quickly set the minimum/maximum volume;

Mode 3: Press the Menu key in any interface to enter the Menu box, select the left and right icons of volume with the cursor, and press the Enter key to adjust the volume.

4.4. Sleep/Wake up

Method 1: After taking off the MR all-in-one device for a period of time, the system will automatically turn off the screen and sleep, and when wearing the MR all-in-one device, the system will automatically wake up;

Method 2: Short press the power button of MR all-in-one device can also perform hibernation and wake-up operation.

4.5. MR All-in-one Device Reset

If the MR all-in-one device fails to respond by pressing the power button or Nibiru Menu button or the system is stuck, you can press the power button for 10 seconds to force it to shutdown, and then press the power button for 3 seconds to turn it on normally.

4.6. Wearing by Nearsighted Users

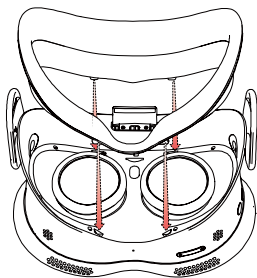
The MR All-in-One Device is friendly to users of myopia glasses, and can support wearing most standard glasses with the width of glasses frame less than 150 mm.

4.7. Handle Operation

The wired handle can be directly plugged into the USB-C interface of the MR device, and the MR device+wired handle can be operated as conveniently as watching TV.

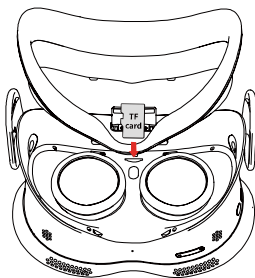
4.8. Mask Disassemble and Assemble

The mask supports replacement, disassembly and assembly. The disassembly and assembly diagram is attached as follows:



4.9. TF card Installation

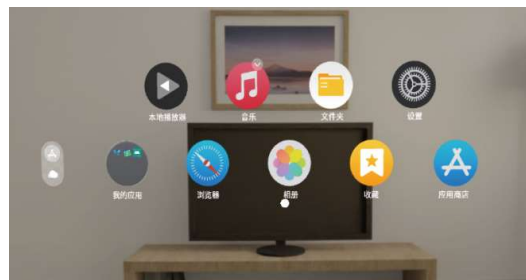
The TF card slot is placed under the mask. The installation diagram is as follows:



5、Function Introduction

5.1. Home Page Composition

The standby interface of device consists of application icons, navigation bar and slide-down menu, where the application icons include: Local Player, Music, Folder, Settings, My Application, Browser, Photo Album, Collection and Application Store.



5.2. Interface Function

5.2.1. Open the Status Bar

Click the triangular drop-down button directly above the interface to open the status bar. The upper part of the status bar displays "date, week, time, power and battery icons"; the middle part of the status bar displays three icons: homepage, environment, and control center. Below Part of it is the volume adjustment function.



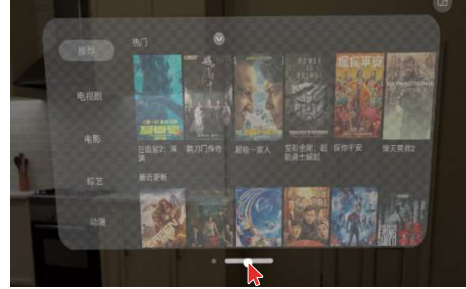
5.2.2. Multi-task Use

The system provides a multi-task usage mode, and multiple large screens are arranged in the surrounding visual field. (Up to 3 application windows can be opened at the same time. When the fourth application is opened, a prompt box "Do you want to close the first opened application" will pop up).

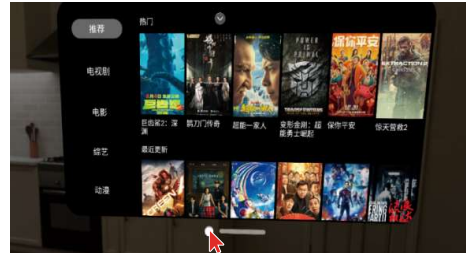


5.2.3. Window Settings

1)、**Move the window:** There will be a translucent bar icon directly below the application. When the cursor moves to the icon position, the bar will become highlighted. After pressing the Enter key, the window will become translucent. Turn your head to move the application window to the place you want.



2)、**Close the window:** When closing the dot moving to the bottom of the window, the origin will become a close icon, and click it to close the window.



3)、**Zoom in and out of the window:** When the head cursor moves to the lower left corner of the application, a size adjustment icon will appear. Press and hold the Enter key and turn the head to adjust the display size of the application.



5.2.4、Function Menu

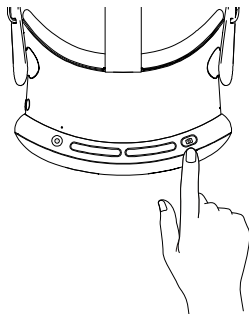
Any interface, short press the Menu key to pop up the function menu interface.



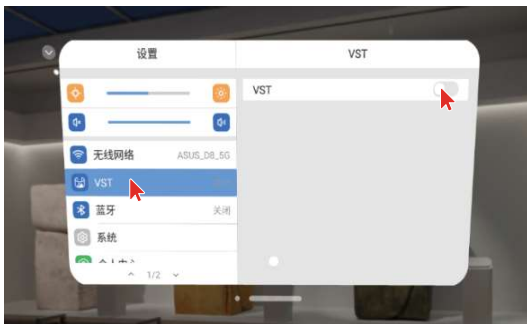
Screen recording	The user can start recording the currently displayed screen by clicking the screen recording function key, including applications, games, videos, etc. The screen recording file is stored in this path:EM_AX162\内部共享存储空间\Movies;
Screenshot	With the screenshot function, you can quickly capture the content on the current screen and save it as a picture file, which is convenient for subsequent viewing and sharing. The screenshot file is stored in this path:EM_AX162\内部共享存储空间\Pictures;
Clear the cache	Click the clear cache function to clear the dormant applications in the background and release the memory space. Clearing the cache can also help reduce the loading time of the application and improve the response speed of the application;
brightness level	Users can adjust the brightness of the screen at anytime according to the environment and needs to obtain the most suitable visual effect. Click the moon icon to reduce the brightness, and click the sun icon to increase the brightness;
Sound adjustment	Users can set the sound volume according to their own preferences and environmental needs. Click the speaker icon on the left to decrease the volume, and click the speaker icon on the right to increase the volume;
Return	The user can quickly return to the previous page or main page by clicking this return button;
Forced close	After opening an APP interface, press the Menu key, and then select Forced Close to quickly close the app;
Setup	In any interface, press the menu key, and then select the Setup button, so that users can conveniently and quickly enter the system setup interface;
Power display	There is a MR icon and four dots in the lower right corner of the interface, wherethe dots are power display, and each dot represents 25% power.

5.2.5 、VST (Video See Through)

Method 1: Click the 3D shooting button twice quickly to open the VST function;



Method 2: Settings -VST- Open.



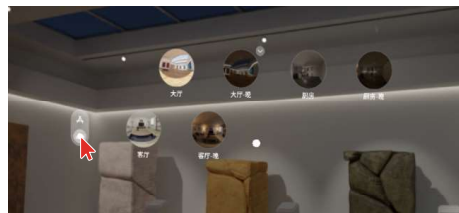
5.2.6、3D Shooting

Click the 3D shooting button to open the 3D shooting function.

5.2.7、Set up the environment

Users can set different system environments according to their own preferences, and the system supports setting six different environments in three scenarios, day or night.

Method 1: Click the environment icon in the navigation bar, and then select your favorite environment;



Method 2: Click the drop-down menu directly above the interface, click the icon to select environment, and then select your favorite environment.



5.2.8. Immersion Office

MR all-in-one device supports WPS, PDF and other Office software, connects Bluetooth keyboard and mouse, and experiences a quiet and immersed office.



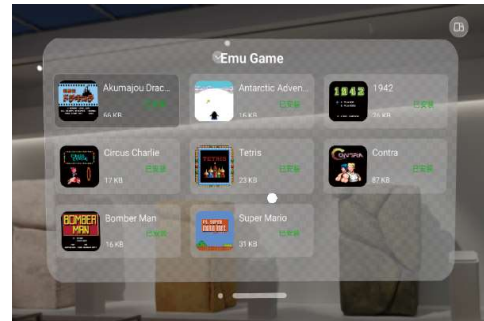
5.2.9. Browser Multi-screen Interaction

Open Firefox browser and click the "+" sign on the navigation bar to open three browser pages at the same time to realize multi-screen interactive operation.



5.2.10. Bluetooth Devices

MR all-in-one device can be perfectly compatible with the third-party Xbox Bluetooth gamepad, open the Emu Steam in my application, and play classic red and white devices, arcades, PSP and other games, such as Super Mario, Contra, 1942 and many other classic games. Immerse yourself in MR glasses to experience the thrill of eating chicken and crossing the line of fire and other popular games.



5.3. Description of Charging Indicator light Status

Whether to charge	The battery level	Power on / off	LED indicator status
When charging	device power $\leq 99\%$	After plugging in the charger, the screen will turn on when the phone is turned on and when the phone is turned off.	Steady yellow
	Device power $\leq 99\%$	After plugging in the charger, in the sleep standby state.	Yellow breath
	Device power =100%	After plugging in the charger, the screen will turn on when the phone is turned on and when the phone is turned off.	Steady green
	Device power =100%	After plugging in the charger, it is in sleep standby state.	Green breath
When not charged	Device power $\leq 15\%$	The screen lights up when the device is turned on.	Steady red
	Device power $\leq 15\%$	The device is in sleep standby mode.	Red breath
	Device power $16\% \leq 100\%$	The screen lights up when the device is turned on.	Steady blue
	Device power $16\% \leq 100\%$	The device is in sleep standby mode.	Blue breath
	Any power state	The device is shut down.	Lights off

6. Cautions

1. Use with caution those under 12 years of age;
2. It is recommended that people with abnormal physical conditions (including but not limited to pregnant women, the elderly, binocular vision abnormalities, mental patients and people with poor heart condition) do not use this equipment;
3. If you feel any discomfort during use, you should stop using it immediately;
4. Do not use the all-in-one device when charging;
5. Do not expose the equipment to an overheated environment such as sunshine, fire roasting or the like;
6. When wearing the all-in-one device, please ensure the surrounding environment is safe (indoors is recommended) to avoid bumping and injury;
7. It is suggested to take a proper rest every 30 minutes to reduce visual fatigue;
8. It is recommended to use or place the all-in-one device in an environment where the temperature is between 5°C and 45°C and the humidity is $\leq 93\%$;
9. It is forbidden to direct sunlight and other high-intensity light to the lens of the all-in-one device, otherwise there will be safety risks such as fire;
10. Please do not pull, cut off the connecting wire between the battery and the host;
11. Please use original accessories, such as chargers;
12. If you replace it with the wrong battery pack, there will be a danger of fire or explosion.

7. Product warranty regulations

Within the validity period of the Three Guarantees, you can enjoy the right to repair, exchange and return goods in accordance with these regulations, and the above should be handled with invoices or relevant valid shopping vouchers.

- If there are quality problems within 7 days from the date of purchase, consumers can choose to refund the purchase price at one time or replace the same model products;

- If there are quality problems within 15 days from the date of purchase, consumers can choose to replace the same model products;

- Consumers can choose to repair quality problems within 12 months from the date of purchase free of charge;

- The warranty period of accessories (including vulnerable components such as face foam and side straps) other than the main device is 3 months.

Important tips

The following situations do not belong to the scope of three guarantees:

- Damage caused by failure to use, maintain, and store in accordance with the requirements of this product manual;
- Gifts and packaging boxes other than this product;
- Damage caused by disassembly, modification, and repair by unauthorized service personnel;
- Damage caused by force majeure such as fire, flood, lightning strike;
- The expiration date for repair, replacement, and return has expired.

Please do not disassemble, replace or repair the device by yourself, otherwise you will lose the warranty qualification. If you need repair service, please contact the customer service of the purchase channel or go to the authorized service provider for maintenance.

8. Declaration of Hazardous Substances in Electronic Information Products

Part name	Poisonous or harmful substance or element					
	(Pb)	(Hg)	(Cd)	(Cr6+)	(PBB)	(Pbde)
shell	○	○	○	○	○	○
Circuit board	×	○	○	○	○	○
attachm- ents	○	○	○	○	○	○
battery	×	○	○	○	○	○

- It means that the content of toxic and harmful substances in all homogeneous materials of this part is below the limit requirements specified in SJ/T11363-2006 standard;
- ×
- It means that the content of toxic and harmful substances in at least one homogeneous material of the component exceeds the limit requirements specified in SJ/T11363-2006 standard, but the project is only used in a small amount in inventory or processed products, and the environmental protection switch is being carried out according to the plan, which will meet the above requirements after the switch.

FCC STATEMENT

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.

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.

Specific Absorption Rate (SAR) information:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: MR All in one (FCC ID: 2ANTO-AX162) has also been tested against this SAR limit. This device was tested for body-worn operations with the device kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

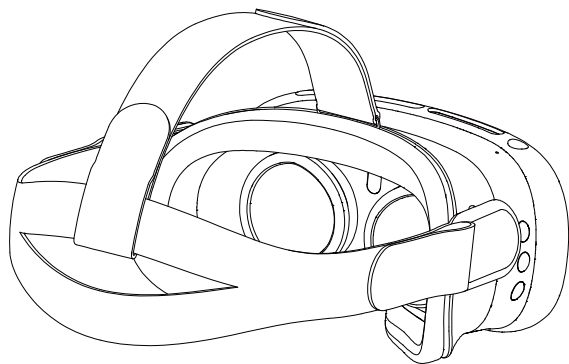
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

To learn more about the use of MR All-in-one device

please scan this QR code to download

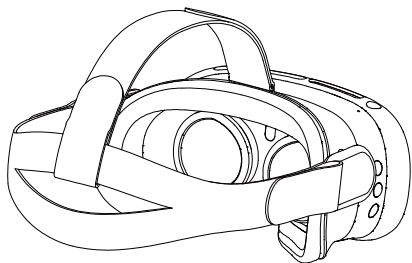


用户指南

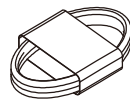


一、包装盒内包括

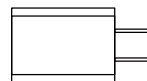
物品	数量
MR一体机	1
电源适配器	1
USB-C数据线	1
用户指南	1
有线手柄	1



MR一体机



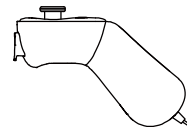
USB-C数据线



电源适配器



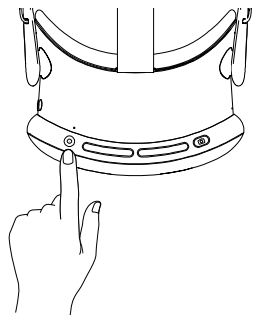
用户指南



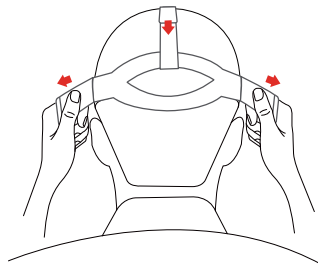
有线手柄

二、设备佩戴方法

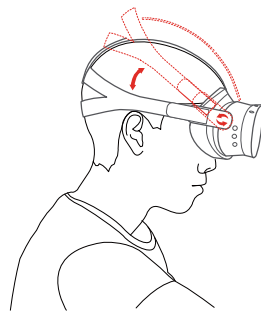
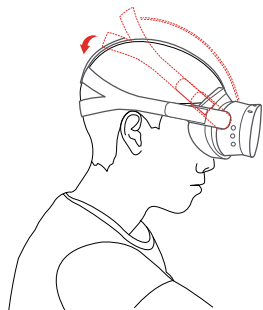
1、MR一体机开机



3、调节至清晰舒适的位置

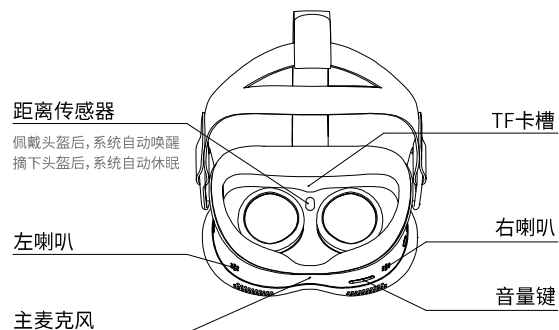
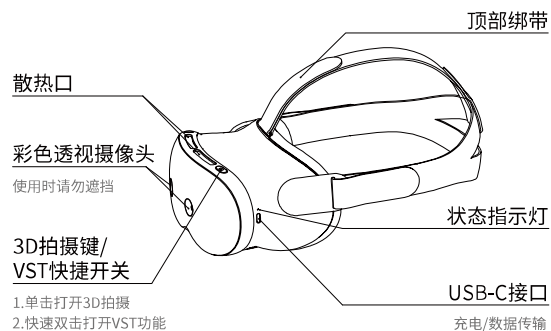
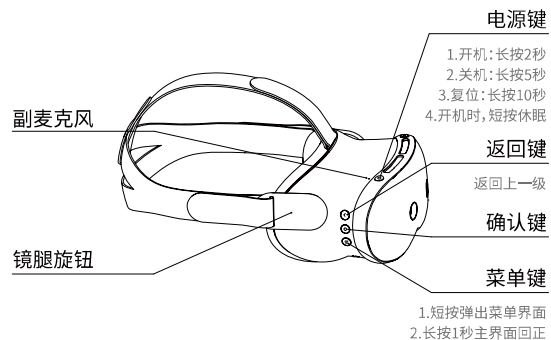


2、佩戴MR一体机



镜腿可上下旋转

三、产品功能键



四、操作说明

4.1、头控模式

屏幕正中心有一个光标,用户可以通过转动头部,使光标指向需要进行点击的位置,再按MR一体机上的确定键或者手柄的扳机键进行点击操作。

4.2、屏幕回正

当屏幕显示的待机界面不正时,用户可以通过长按Menu键1秒钟,进行屏幕回正,使待机界面正对着用户的视角。

4.3、音量调节

方式一:点击MR一体机音量加减按键进行音量调节,长按可连续调节;

方式二:点击屏幕上方中间的下拉功能按钮,弹出的功能框也可以调节音量,点击左右按钮可以快速设置最小/大音量;

方式三:任意界面短按Menu键进入Menu框,光标选中音量条左右图标,按确认键调节音量。

4.4、休眠/唤醒

方式一:摘下MR一体机一段时间后,系统自动灭屏休眠,戴上MR一体机时,系统自动唤醒;

方式二:短按MR一体机电源键也可以进行休眠唤醒操作。

4.5、MR一体机复位

如果MR一体机出现按电源键或者Menu键没有反应或者系统卡

死等情况,可以长按电源键10秒钟强制关机,关机后再按3秒电源键即可正常开机。

4.6、近视用户佩戴

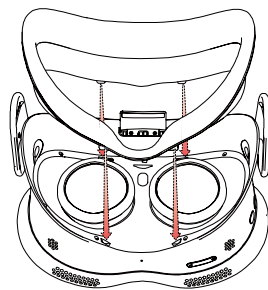
本机支持佩戴眼镜直接使用,兼容眼镜框宽度尺寸 $\leq 150\text{mm}$ 。

4.7、手柄操作

有线手柄直接插入MR一体机的USB-C接口即可使用,MR设备+线控手柄就可以像看电视一样方便操作。

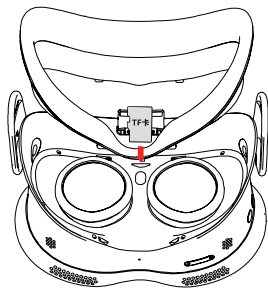
4.8、面罩拆装

面罩支持更换拆装,附拆装示意图如下:



4.9、T卡安装

TF卡槽置于面罩下方,安装示意图如下:



五、功能介绍

5.1、开机界面

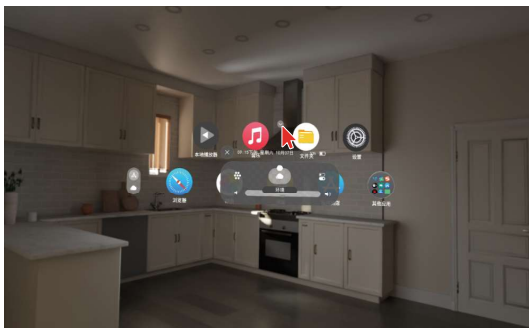
开机界面由应用图标,导航栏、下滑菜单组成,其中应用图标包括:本地播放器、音乐、文件夹、设置、我的应用、浏览器、相册、收藏、应用商店。



5.2、界面功能

5.2.1、打开状态栏

点击界面正上方的三角形下拉按钮,打开状态栏,状态栏上面部分有分布显示“日期、星期、时间、电量及电池图标”;状态栏中间部分有分布主页、环境、控制中心三个图标,下面部分是音量调节功能。



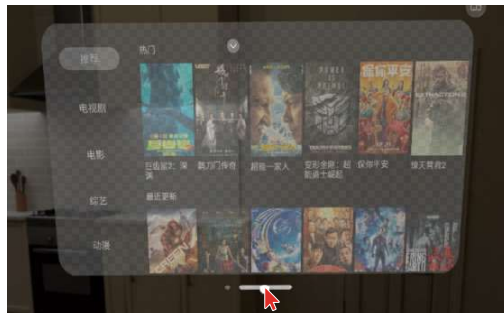
5.2.2、多任务使用

系统提供多任务使用模式,在环绕视野范围内布局多个大屏。
(最多可同时打开3个应用窗口,当打开第四个应用时,会弹出提示框“是否关闭第一个打开的应用”)。

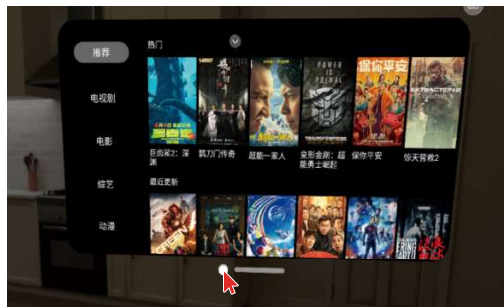


5.2.3、窗口设置

1)、移动窗口:应用正下方分布有半透明的横条图标,当光标移动到图标位置,横条会变为高亮状态,按住确认键后,窗口会变成半透明状态,转动头部可移动应用窗口到用户想放置的地方。



2)、关闭窗口:关闭移动到窗口下方小圆点时,原点会变成关闭图标,点击即可关闭窗口。



3)、放大缩小窗口:当头控光标移动到应用左右下角时,会出现大小调节图标,按住确认键后转动头部,可调节应用的显示大小。



5.2.4、功能菜单

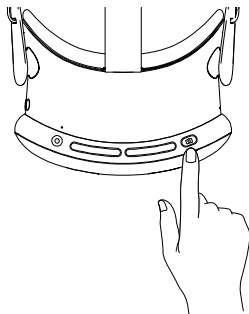
任意界面,短按Menu键,弹出功能菜单界面。



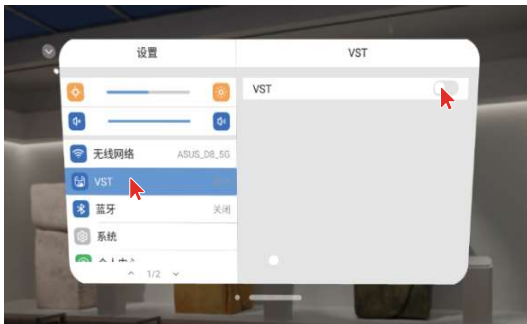
录屏	用户点击录屏功能键,可开始对当前显示画面进行录制,包括应用程序、游戏、视频等画面,录屏文件存储在此路径:EM_AX162\内部共享存储空间\Movies;
截图	通过截图功能,可以快速捕捉当前屏幕上的内容,并保存为图片文件,方便后续查看和分享,截图文件存储在此路径:EM_AX162\内部共享存储空间\Pictures;
清理缓存	点击清理缓存功能,可以对后台休眠的应用进行清除,释放内存空间。清理缓存还能帮助减少应用程序的加载时间,提高应用的响应速度;
亮度调节	用户可以根据环境 and 需求随时调整屏幕亮度,以获得最适合的视觉效果,点击月亮图标,亮度减弱,点击太阳图标,亮度增强;
声音调节	用户可以根据自己的喜好和环境需求来设置声音大小。点击左边的喇叭图标,音量减小,点击右边的喇叭图标,音量增大;
返回	用户点击此返回按钮,可以迅速回到上一个页面或主页面;
强制关闭	在打开某个APP界面,按Menu键,再选择强制关闭,可以快速关闭这个APP;
设置	在任意界面,按Menu键,再选择设置按钮,用户可以方便地快速进入到系统设置界面;
电量显示	界面右下角有一个MR图标和四个圆点,其中圆点为电量显示,每一点代表25%的电量。

5.2.5、VST (Video See Through) 功能

方式一:快速双击3D拍摄按键/VST切换快捷键,即可打开VST功能;



方式二:设置-VST-打开。



5.2.6、3D拍摄功能

单击3D拍摄按键,即可打开3D拍摄功能。

5.2.7、设置环境

用户可以根据自己喜好设置不同的系统环境,系统支持设置三种场景白天或晚上共6种不同环境。

方式一:点击导航栏的环境图标,再选择自己喜欢的环境;



方式二:点击界面正上方的下拉功能菜单,点击选择环境图标,再选择自己喜欢的环境。



5.2.8、沉浸式办公

MR一体机支持WPS、PDF等Office办公软件,连接蓝牙键盘+鼠标,体验一个人安安静静的沉浸办公。



5.2.9、浏览器多屏互动

打开火狐浏览器,点击导航栏上面的“+”号,就可以同时打开三个浏览器页面,实现多屏互动的操作。



5.2.10、蓝牙设备

MR一体机可以完美兼容第三方XBox蓝牙游戏手柄,打开我的应用里面的Emu Steam,可以玩经典的红白机,街机, PSP等游戏,如超级玛丽、魂斗罗、1942等多款经典游戏。MR眼镜上沉浸视角体验吃鸡,穿越火线等热门游戏的快感。



5.3、充电指示灯状态说明

是否充电	电量情况	设备开关机状态	LED灯状态
充电时	机器电量 $\leq 99\%$	插充电器后,分别在开机亮屏状态、关机状态	LED灯显示为黄色常亮
	机器电量 $\leq 99\%$	插充电器后,在休眠待机状态	LED灯显示为黄色呼吸
	机器电量=100%	插充电器后,分别在开机亮屏状态、关机状态	LED灯显示为绿色常亮
	机器电量=100%	插充电器后,在休眠待机状态	LED灯显示为绿色呼吸
非充电时	机器电量 $\leq 15\%$	机器在开机亮屏状态	LED灯显示为红色常亮
	机器电量 $\leq 15\%$	机器在休眠待机状态	LED灯显示为红色呼吸
	机器电量 $> 16\%$ 至满电状态	机器在开机亮屏状态	LED灯显示为蓝色常亮
	机器电量 $> 16\%$ 至满电状态	机器在休眠待机状态	LED灯显示为蓝色呼吸
	任意电量状态	机器关机状态	LED灯灭

六、注意事项

- 1、年龄小于12周岁者谨慎使用；
- 2、建议身体状况异常者(包括但不限于孕妇、老人、双目视觉异常、精神病患者、心脏状况不佳者),不建议使用本设备；
- 3、使用过程中感到任何身体的不适,应立刻停止使用；
- 4、充电时请勿使用一体机；
- 5、不得将设备暴露在诸如日照,火烤或类似的过热环境中；
- 6、佩戴一体机时,请确保周围环境安全(建议在室内),以免磕碰受伤；
- 7、建议每观看30分钟适当休息一下,减轻视觉疲劳；
- 8、建议在温度介于 5°C 到 45°C ,湿度 $\leq 93\%$ 的环境使用或放置一体机；
- 9、禁止阳光及其他高强度光线直射一体机镜片,否则有起火等安全风险；
- 10、请勿拉扯,剪断电池与主机的连接线；
- 11、请使用原装的配件使用,如充电器；
- 12、如果用错误型号的电池组替换会有着火或爆炸的危险。

七、产品保修条例

在三包有效期内，您可以依照本规定享受修理、换货、退货的权力，以上应凭发票或相关有效购物凭证办理。

- 自购买日起7日内出现的质量问题，消费者可以选择按发票价格一次性退还货款或者更换同型号产品；
- 自购买日起15日内出现的质量问题，消费者可以选择更换同型号产品；
- 自购买日起12个月内出现的质量问题，消费者可以选择免费进行修理；
- 主机之外的附属类配件(包括贴脸泡棉、侧绑带等易损组件)质保期3个月。

重要提示

以下情况不属于三包范围：

- 未按本产品说明书的要求使用、维护、保管而造成损坏的；
- 除本产品以外的赠品和包装盒；
- 未经授权服务者的拆机、改动、维修造成的损坏；
- 火灾、水灾、雷击等不可抗力造成的损坏；
- 已超过三包有效期。

请勿自行拆卸、更换、维修设备，否则会失去保修资格。如您需要维修服务，请与客服联系或到授权服务商处进行维修。

八、电子信息产品有害物质申明

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (Pbde)
外壳	○	○	○	○	○	○
电路板	×	○	○	○	○	○
附件	○	○	○	○	○	○
电池	×	○	○	○	○	○

- 表示该有害物质在该部件所有均质材料中的含量在SJ/T 11363-2006《电子信息产品有毒有害物质的限量要求》规定的限量要求以下。
- ×
- 表示该有毒有害物质至少在该部件的某一均质材料中含量超出SJ/T 11363-2006规定的限量要求。



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