

Evo Roll & Evo Roll Pro

User Manual



Evo Roll



Evo Roll Pro

The images in this manual are for sample purposes only.
The product may differ slightly from the sample images

Content

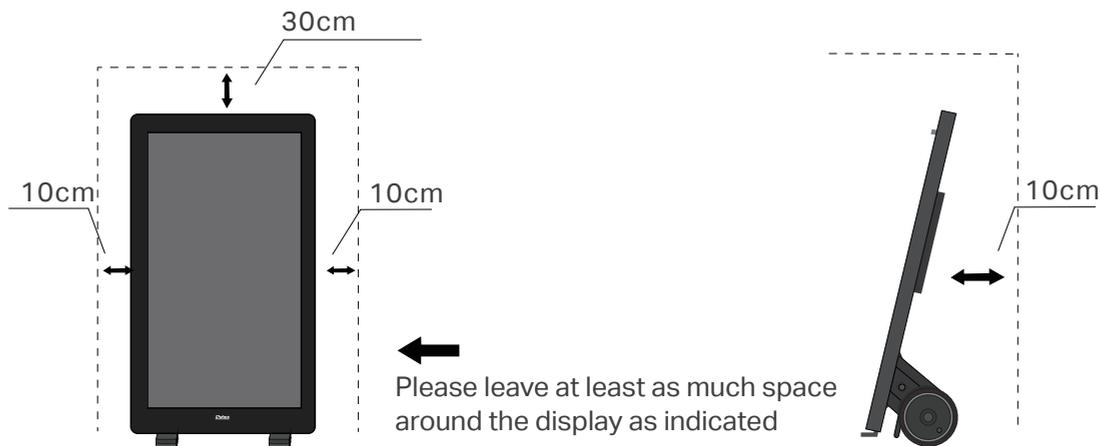
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Safety Instructions

- Read the safety instructions carefully and thoroughly.
- All cautions and warnings on the device or user's manual should be noted.
- Refer servicing to qualified personnel only.
- Keep the User's Guide that comes with the package for future reference.

Precautions For Use

1. The Evo Roll Pro can be used outdoors; do not use the Evo Roll outdoors.
2. Use the charger equipped with the Evo to charge it, do not use other chargers.
3. The charger power cord plug is a 3pin plug with one terminal grounded, for safety reasons this plug should be plugged into a grounded power outlet.
4. For safety reasons, remove the charger when the battery is fully charged and do not connect the charger for a long time while the battery is fully charged.
5. Charge the Evo as soon as possible in the event of the machine's battery running low.
6. Battery level description: The Evo uses 2 different power detection schemes, battery capacity detection and battery voltage detection. The power level displayed on the Android is battery capacity detection and the meter on the back of the Evo is voltage detection, because of the difference in the detection method, the display of the battery balance will be different.
7. The Evo should be inspected at least once a month when not in use for an extended period of time in order to ensure its performance.
8. The Evo should be used on a level surface and the wheels should be locked on both sides of the machine when not in motion to prevent the Evo from moving.
9. Please see the picture below for the ventilation area that needs to be reserved for the Evo when in use.



Repair

If any of the following situations arises, get the device checked by service personnel:



- ◆ The power cord or plug is damaged.
- ◆ Liquid has penetrated into the device.
- ◆ The device does not work well or you can not get it to work according to user's manual.
- ◆ The device has dropped and damaged.
- ◆ The device has obvious sign of breakage.
- ◆ If you encounter any technical problems during the use of the monitor and no solution can be obtained from the user's manual, please contact your place of purchase or local distributor.

WARNING :

- ◆ This is class A product, in a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
- ◆ Overuse of screens is likely to affect eyesight.
- ◆ Recommendations:
 1. Take a 10-minute break for every 30 minutes of screen time.
 2. Children under 2 years of age should have no screen time. For children aged 2 years and over, screen time should be limited to less than one hour per day.
 3. The power switch of monitor should be out of reach by children, to prevent children from touching the switch and causing danger.

Cleaning and Maintenance

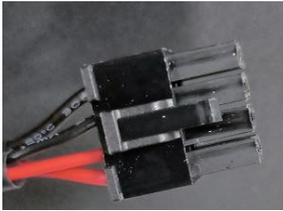
- ◆ Before cleaning the screen, please unplug it from the power supply and ensure that the monitor is in a power-off state. Use a clean, soft, non-threaded cloth rather than industrial chemical to clean the device. Never pour any liquid into the opening; that could damage the device or cause electric shock.
- ◆ Please turn off the power of the monitor before cleaning and maintaining internal components.
- ◆ Do not apply liquid or spray cleaners directly to the monitor case and glass, please use a wet cloth to clean it.
- ◆ The dust on the glass and LCD screen of the machine also need to be cleaned regularly to ensure the clarity of the machine display.
- ◆ The machine needs regular maintenance, and the dust at the air inlet and outlet also need to be cleaned regularly, so that the machine can save the flow of air in and out, so machine can dissipate heat inside the machine better.
- ◆ Please press the leakage switch every 1-2 months to check whether it will automatically trip so as to judge whether the leakage switch is in good condition.
- ◆ Do not leave the device in an unconditioned environment with a storage temperature above 40°C or below 0°C, which may damage the device.

Mounting and Dismounting

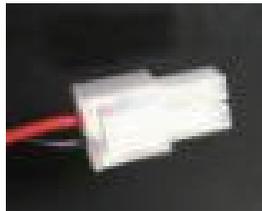
1. Tail mounting instructions

- A. First the Evo is placed face down on an EVA cotton pad or soft blanket.
- B. Plug the exposed battery cable at the rear of the Evo, the power cable of the player and the HDMI cable into the body flap, making sure that the cables are in place.
- C. Then use a hexagonal screwdriver to fix four M8*12 screws with spring washers and flat pads to the end of the machine.

The steps are shown in the diagram below:



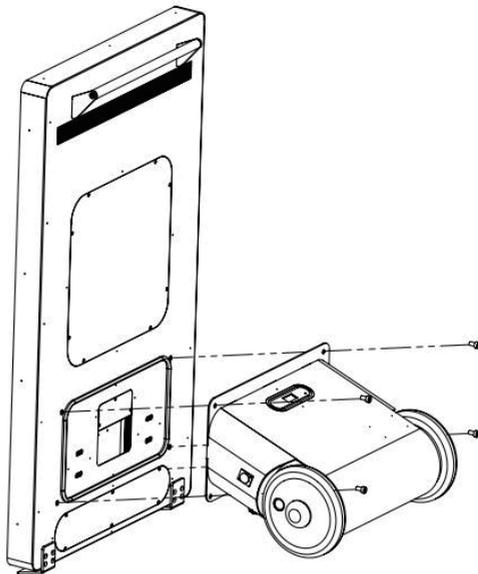
Battery power cable



Player power cable



HDMI cable



Dismounting diagram



Spring washer



Hexagonal wrench



Plain washer

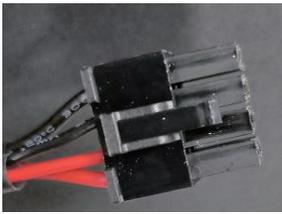


M8*12 screw

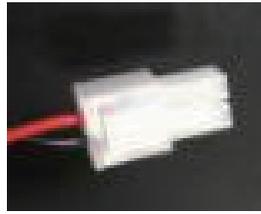
Mounting and Dismounting

2. Rear Disassembly Instructions

- A. First the Evo is placed face down on an EVA cotton pad or soft blanket.
- B. Use a hexagonal screwdriver to remove the four M8*12 screws securing the tail section.
Then gently pick up the tail of the machine, and then unplug the battery power cable, the power cable of the playback box and the HDMI cable.
- C. Then remove the end of the machine.
The steps are shown in the diagram below:



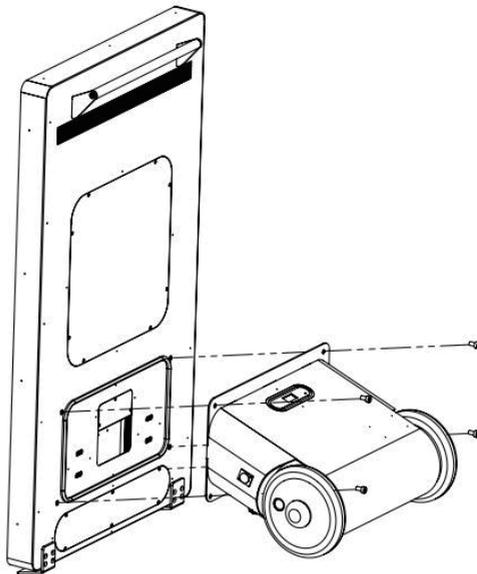
Battery power cable



Player power cable



HDMI cable



Installation diagram



Spring washer



Hexagonal wrench



Plain washer

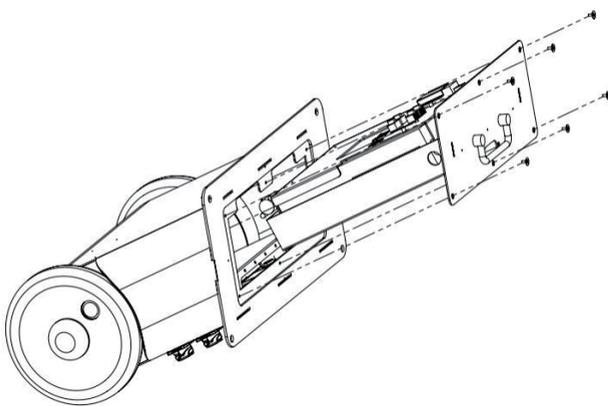


M8*12 screw

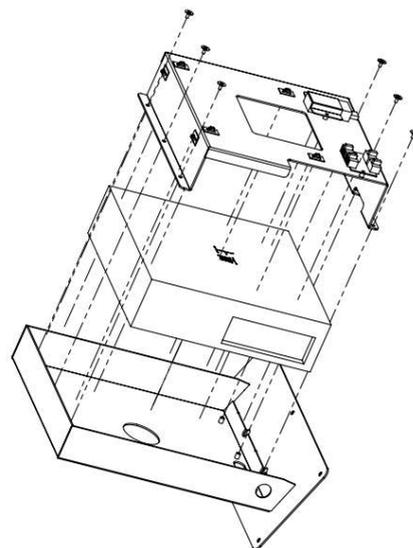
Mounting and Dismounting

3. Lithium battery replacement instructions

- A. First, follow the sequence of step 2 above (rear disassembly instructions) to remove the tail of the machine.
- B. Then remove the four screws holding the battery compartment in place.
- C. Then remove the battery compartment at an oblique angle. (Note: when taking it out, you need to pull it out gently, not vigorously to prevent breaking the wires inside).
- D. Unplug the lithium battery from the Adapter Board.
- E. Then remove the six screws from the battery fixing cover.
- F. Remove the battery cover.
- G. Remove the old battery and replace it with a new one.
- H. Then put the battery cover back on the battery compartment.
- I. Then insert the battery plug into the Adapter Board.
- J. Install the battery compartment diagonally back into the rear of the machine (note: when installing, be careful of the edge of the iron case hanging on the cable).
- K. Then lock the fixing screws back in place.
- L. Finally assemble the tail end of the machine back on the machine.

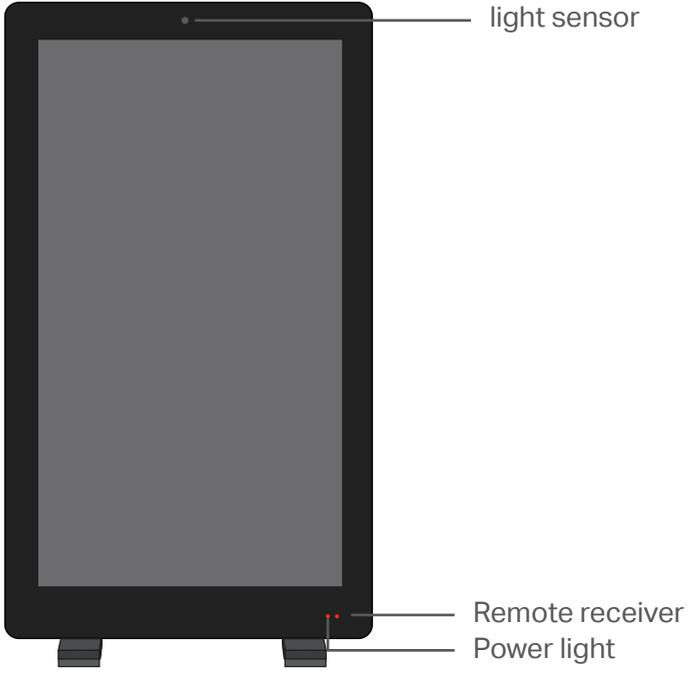


Remove battery box

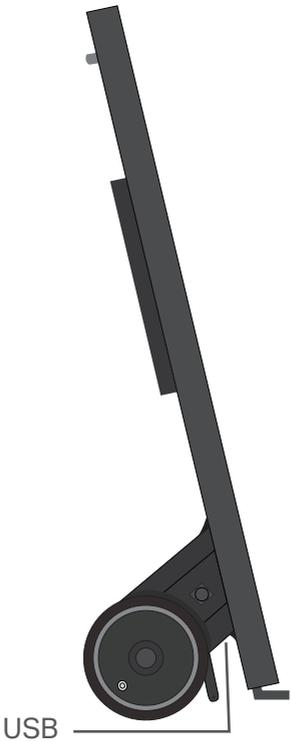


Replace the battery

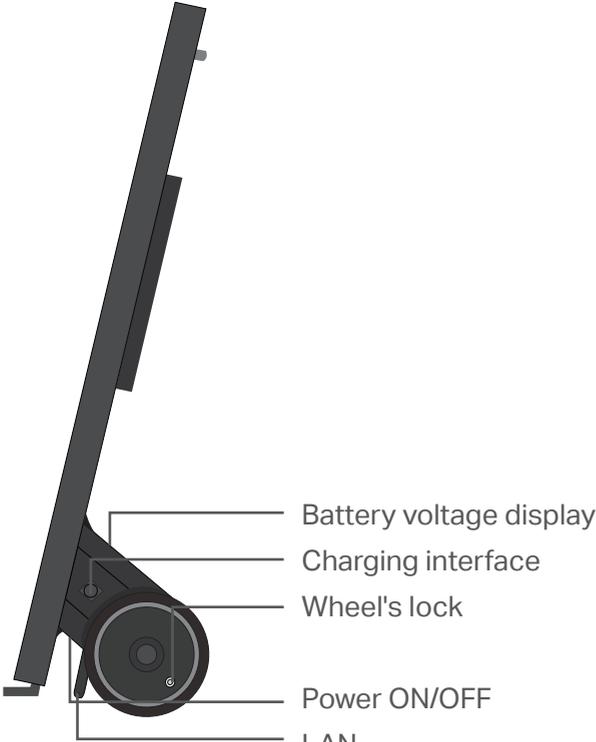
Mounting and Dismounting



Front



Left side



Right side

Machine Interface Description

Interfaces

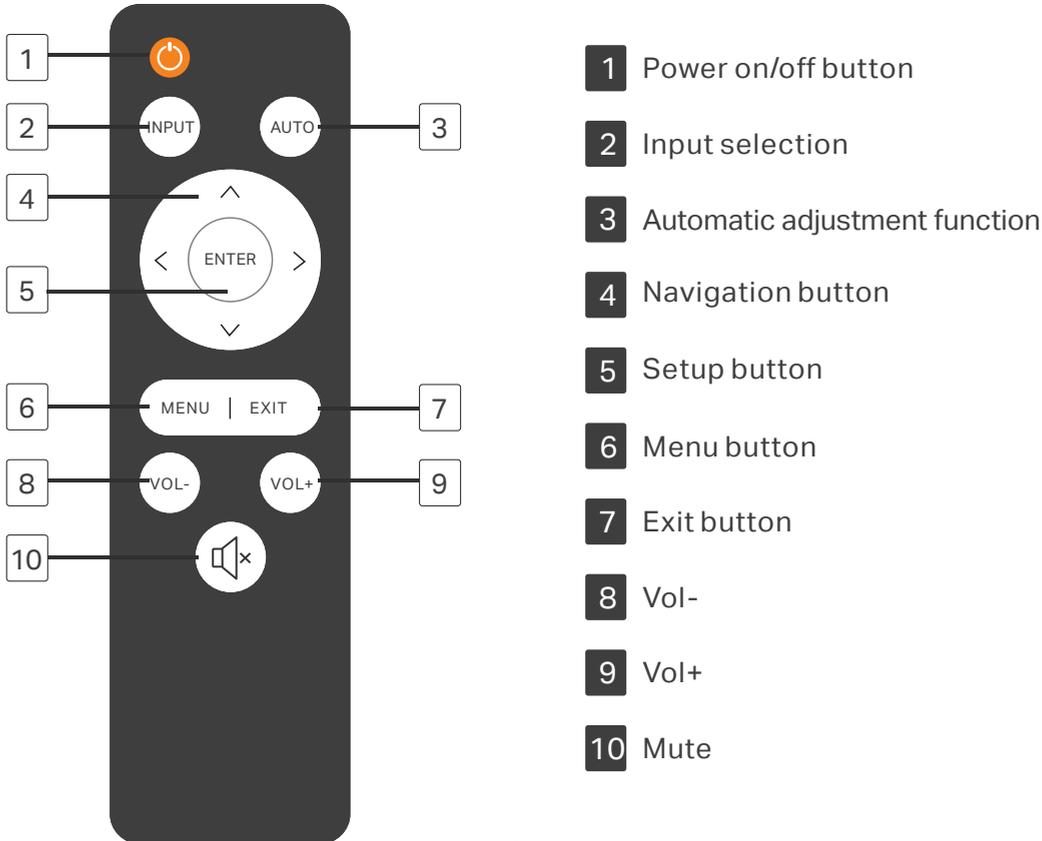


Note: Please pull out the power plug before installing or disassembling the unit!

HDMI port: This port is used to connect HDMI signals.

Remote Control Instructions

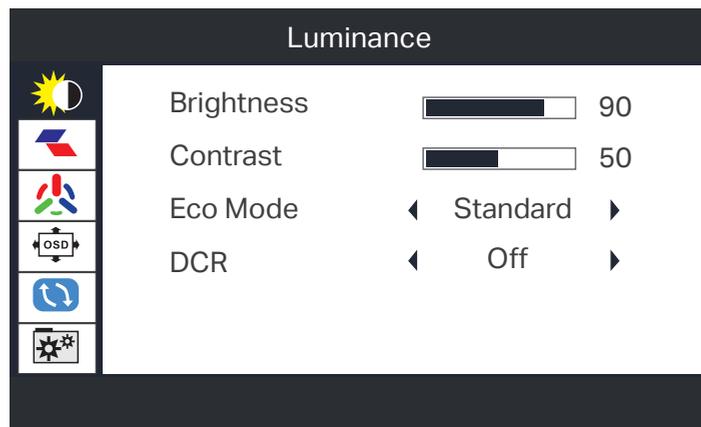
The remote control is shown below:



Display Settings

1.1 Luminance settings

Press Menu on the remote control to enter the settings menu, the first menu is Luminance settings and the interface is shown below:

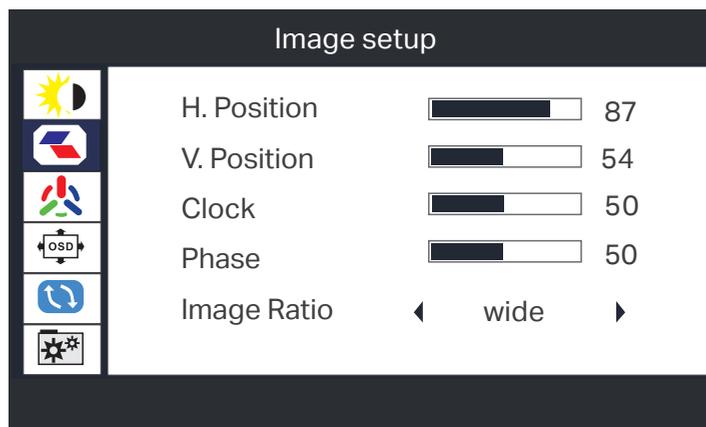


Main menu	Sub-menu	Items	Description	
 Brightness	Backlight	/	Adjusting the machine backlight	
	Contrast	/	Adjusting the machine contrast	
	Eco Mode	Standard		Normal use mode
		Network		Web application models
		Games		Game application mode
		Film		Film application model
	DCR	Open		Open DCR
Close			Close DCR	

Display Settings

1.2 Image setup settings

After entering the menu, press the remote control  key to enter the Image Setup setup menu as shown below:

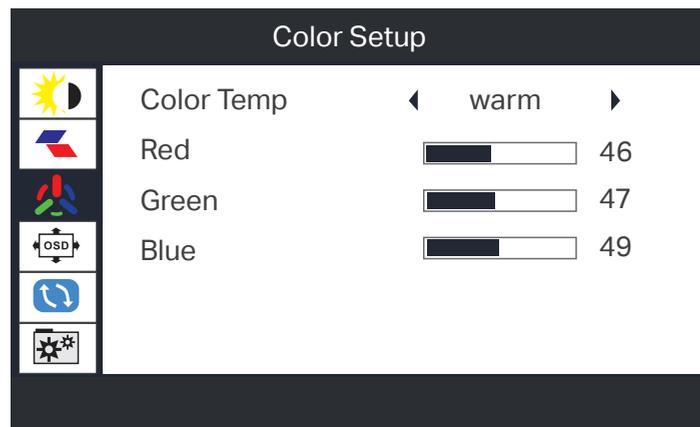


Main menu	Sub-menu	Items	Description
 Image settings	H. position	/	Adjusting the horizontal position of a picture
	V. position	/	Adjusting the vertical position of a picture
	Clock	/	Adjusting the picture clock to reduce noise vertical noise
	Phases	/	Adjusting the picture stage to reduce horizontal noise
	Image Ratio	Widescreen	
4:3			Adjusting the image aspect ratio to 4:3 mode

Display Settings

1.3 Color setup settings

After entering the menu, press the remote control  key to enter the Color Setup setup menu, as shown below:

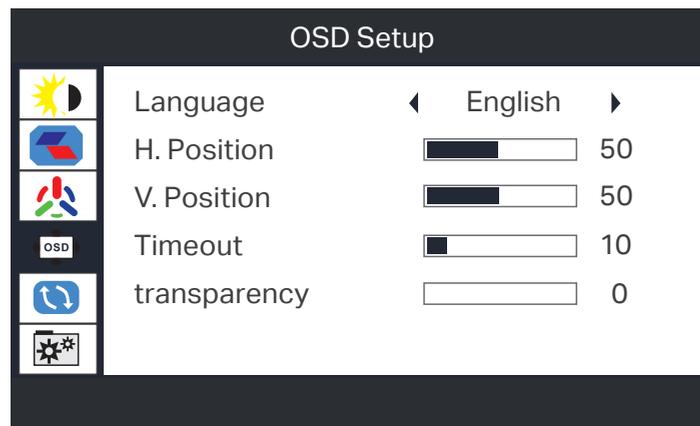


Main menu	Sub-menu	Items	Description
 Color settings	Color temperature	Warm colors	Warm color display mode
		Normal	Normal display mode
		Cold	Cool color display mode
		User settings	User adjustment mode
	Red	/	Adjusting the red temperature
	Green	/	Regulating green temperature
	Blue	/	Adjusting the blue temperature

Display Settings

1.4 OSD setup settings

After entering the menu, press the remote control  key to enter the OSD Setup menu, as shown below:

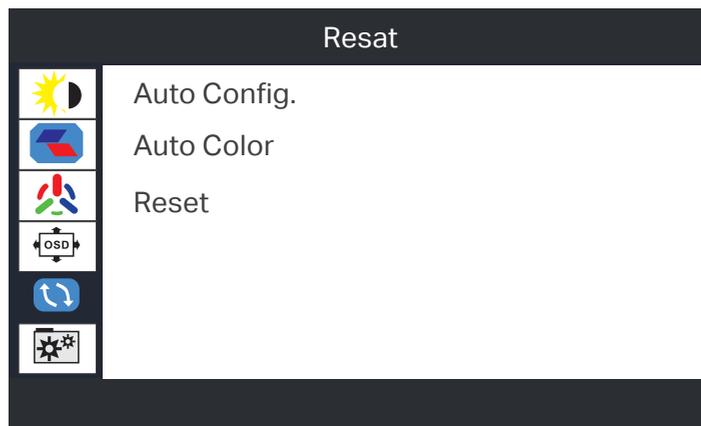


Main menu	Sub-menu	Items	Description
 OSD Settings	Language	/	Displayed in the OSD menu by selecting the language (English, French, German, Simplified Chinese, Italian, Spanish, Portuguese, Turkish, Russian, Korean)
	H. position		Horizontal adjustment of the OSD position
	V. position	/	Vertical adjustment of the OSD position
	Timeout	/	Setting the OSD display time
	Transparency	/	Adjusting OSD transparency

Display Settings

1.5 Reset settings

After entering the menu, press the remote control  key to enter the Reset settings menu, as shown below:

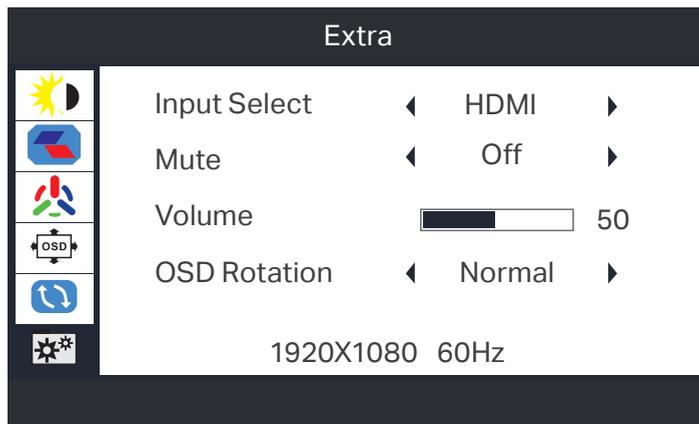


Main menu	Sub-menu	Items	Description
 Reset	Auto Config	/	Automatic adjustment of horizontal/vertical position, focus and shaping of the clock image
	Auto Color	/	Automatic white balance adjustment
	Reset	/	All settings back to default

Display Settings

1.6 Extra settings

After entering the menu, press the remote control  key to enter the Extra settings menu, as shown below:



Main menu	Sub-menu	Items	Description
 Other	Input selection	VGA	VGA signal input
		DP	DP signal input
		HDM	HDMI signal input
		HDMI2	HDMI2 signal input
	Mute	Open	Turn on mute
		Close	Turn off mute
	Volume	/	Setting the volume level
	OSD Rotation	Normal	0°
		90	90°
		180	180°
		270	270°

Technical Specifications

	ITEM	SPECIFICATION
Panel	Panel Model	43inch TFT LED
	Max Resolution	1920 × 1080
	Aspect Ratio	16:09
	Pixel Pitch	0.4903 × 0.4903
	Viewing Angle	89/89/89/89
	Contrast Ratio	1200:1
	Brightness	1000cd/m ²
	Response Time	8ms
	Display Area (mm)	941.184 × 529.416mm
	Panel Size(mm)	973 × 565.8 × 29mm
Power supply	Output	29.4V
	Power Consumption	85W
Functions	Decoding resolution	1080P FHD compatible
	Playback mode	Yes
	Touch support	No
I/O interfaces	HDMI input	1
	Power	Type-C (DC 12V)
Structure	USB 2.0	2
	Net weight	57KG
	Gross weight	94KG
Language	Unit dimensions	110.5 × 39.5 × 60.5cm
	Package dimensions	128 × 56 × 84cm
	Shell material	Metal
	Shell color	Black
	OSD	English
Environment	Operating temperature	10~40°C (The ideal operating temperature of the battery is 25°C, The battery capacity varies with the ambient temperature)
	Working humidity	-5% ~ 80% (No condensation)
	Storage temperature	-20 ~ 30°C
	Storage humidity	-5% ~ 90% (No condensation)

Technical Specifications

	ITEM	SPECIFICATION
Panel	Panel Model	43inch TFT LED
	Max Resolution	1920 × 1080
	Aspect Ratio	16:09
	Pixel Pitch	0.4903 × 0.4903
	Viewing Angle	89/89/89/89
	Contrast Ratio	1200:1
	Brightness	2000cd/m ²
	Response Time	8ms
	Display Area (mm)	941.184 × 529.416mm
	Panel Size(mm)	973 × 565.8 × 29mm
Power supply	Output	29.4V
	Power Consumption	114W
Functions	Decoding resolution	1080P FHD compatible
	Playback mode	Yes
	Touch support	No
I/O interfaces	HDMI input	1
	Power	Type-C (DC 12V)
Structure	USB 2.0	2
	Net weight	69KG
	Gross weight	106KG
Language	Unit dimensions	113.4 × 42 × 61.5cm
	Package dimensions	128 × 56 × 84cm
	Shell material	Metal
	Shell color	Black
	OSD	English
Environment	Operating temperature	10~40°C (The ideal operating temperature of the battery is 25°C, The battery capacity varies with the ambient temperature)
	Working humidity	-5% ~ 80% (No condensation)
	Storage temperature	-20 ~ 30°C
	Storage humidity	-5% ~ 90% (No condensation)

Supported Modes Of Operation

Mode	Resolution	Frequency
VGA	720x400	70Hz
	640x480	60Hz
VESA	640x480	72Hz
	640x480	75Hz
	800x600	60Hz
	800x600	72Hz
	800x600	75Hz
	1024x768	60Hz
	1024x768	70Hz
	1024x768	75Hz
	1280x1024	75Hz
VESA STD	1280x800	60Hz
	1280x960	60Hz
	1400x1050	60Hz
	1600x900	60Hz
	1280x1024	60Hz
	1280x720	60Hz
	1440x900	60Hz
	1680x1050	60Hz
	1920x540	60Hz
	1280x768	60Hz
	1366x768	60Hz

Troubleshooting

Common faults	Possible solutions
Power LED does not light up	<ol style="list-style-type: none">1. Check that the power cable is plugged in.2. Press the power switch and check that the monitor is in standby mode.
Power LED shows red, no image displayed on screen	<ol style="list-style-type: none">1. Check that the monitor and PC are both on.2. Check the signal cable to ensure that the pins are not bent or missing.3. Ensure that the signal cable is correctly connected to the monitor and PC.4. Connect the PC to another working monitor and check that the PC is working properly.
Screen image too bright or too dark	<ol style="list-style-type: none">1. Adjust contrast and brightness settings via OSD.
Image is off-center or incorrect size	<ol style="list-style-type: none">1. In the case of VGA signals, you can press the Auto2. button on the remote control to automatically adjust the position of the screen image.3. Other signals, which can be adjusted to the resolution on the PC.
Screen image skips or ripple patterns appear in the image	<ol style="list-style-type: none">1. Ensure that the signal cable is correctly connected to the monitor and PC.2. Remove electronic devices that may cause electronic interference.
Screen image color displayed incorrectly (white does not look white)	<ol style="list-style-type: none">1. Check the signal cable to ensure that the pins are not bent or distorted.2. Resetting of settings via the OSD.3. Adjust RGB colours or select different color temperatures via the OSD.
No sound or too low sound	<ol style="list-style-type: none">1. Check the signal cable to ensure that the pins are not bent or distorted.2. Adjusting the volume level of monitors and PC.3. Ensure that the sound card driver is correctly installed and enabled on the PC.

Evo Roll

User Manual for Internal Android Player



Evo Roll



Evo Roll Pro

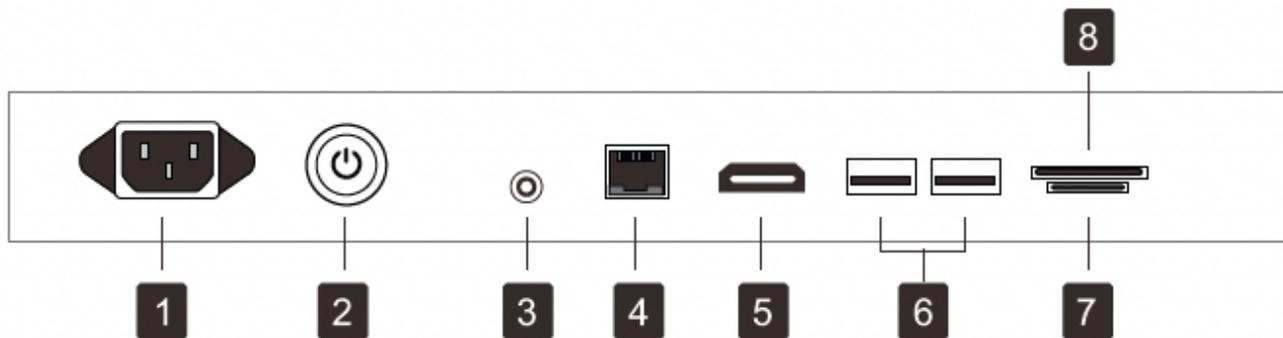
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Machine Interface Description

Interfaces

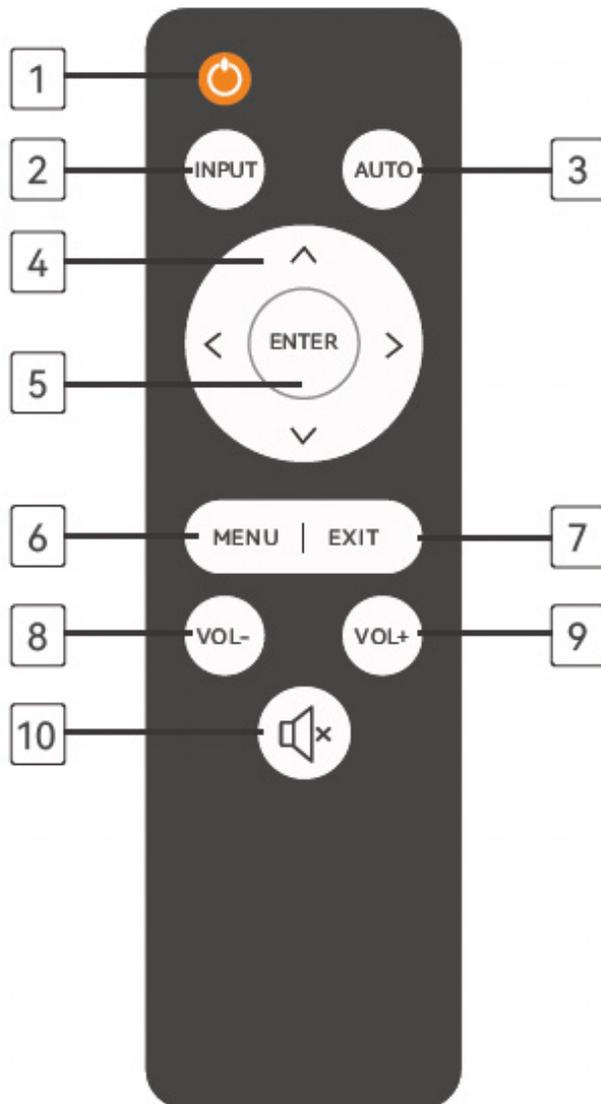


NOTE: Please pull out the power plug before installing or disassembling the unit!

- 1 Power Socket Input Port:** Connect the power cable.
- 2 ON/OFF button:** Power on/off the display.
- 3 Audio OUT ports:** 3.5mm jack for external audio.
- 4 RJ45 Port:** ethernet cable port up to 1000mbit/s.
- 5 HDMI Port:** HDMI Out.
- 6 USB Port:** USB 2.0 for data transfer (software upgrades or loading multimedia).
- 7 TF Port:** The TF card interface.
- 8 SIM Port:** The SIM card interface.

Remote Control Guide

The remote control example below:



- 1** Power ON/OFF button.
- 2** Input Switch
- 3** Automatic Adjustment function
- 4** Navigation button
- 5** Selection button
- 6** Menu button
- 7** Exit button
- 8** Vol- button
- 9** Vol+ button
- 10** Mute button

Description Of Basic Operation

**Android 7.1 Operating System
(Chipset RK3288)**



Description Of Basic Operation

1. Functional Description

- **1.1** Description of the function of the status bar icons which are located at the top of the display.

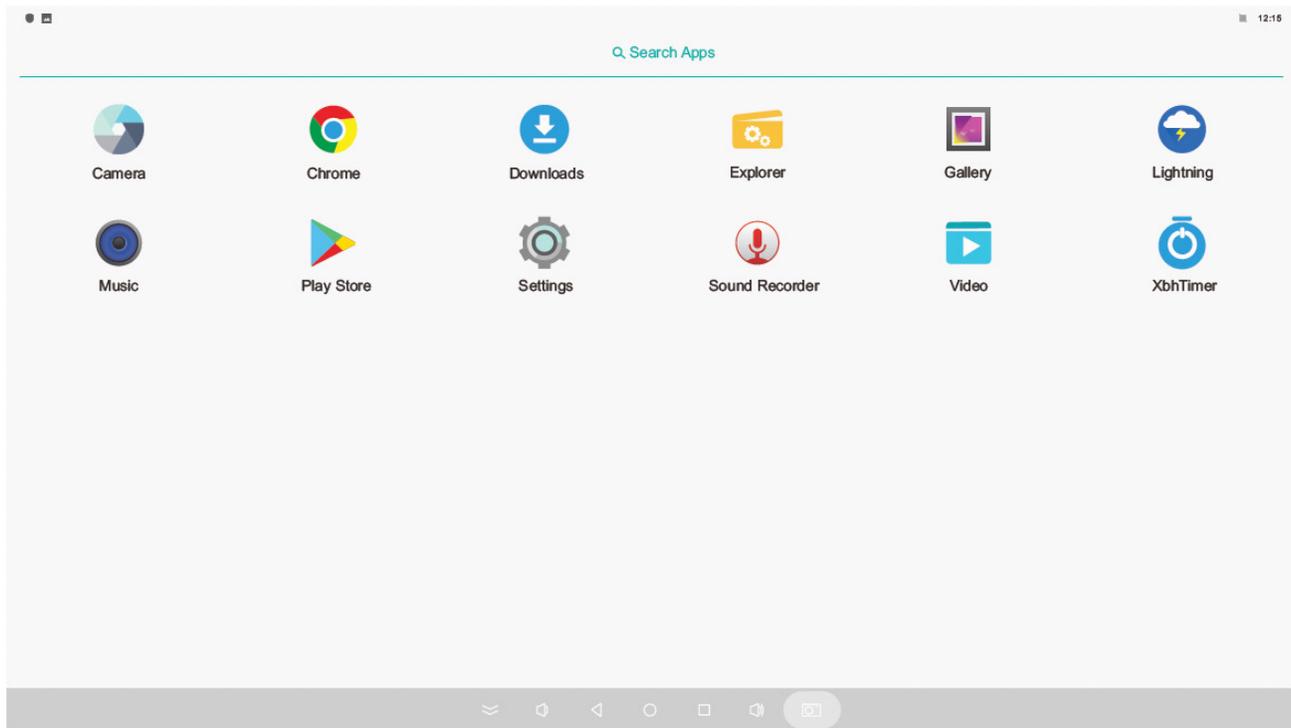
Icon	Description
	Network cable connection status
	No 4G internet card inserted
	Turn on airplane mode
	Bluetooth status
	WIFI status

- **1.2** Description of the function of the navigation bar icons which are located at the bottom of the display.



Icon	Description
	Home button
	Open unclosed background processes
	"Go back" button
	Volume down
	Volume up
	Screenshot function
	Hide the navigation bar

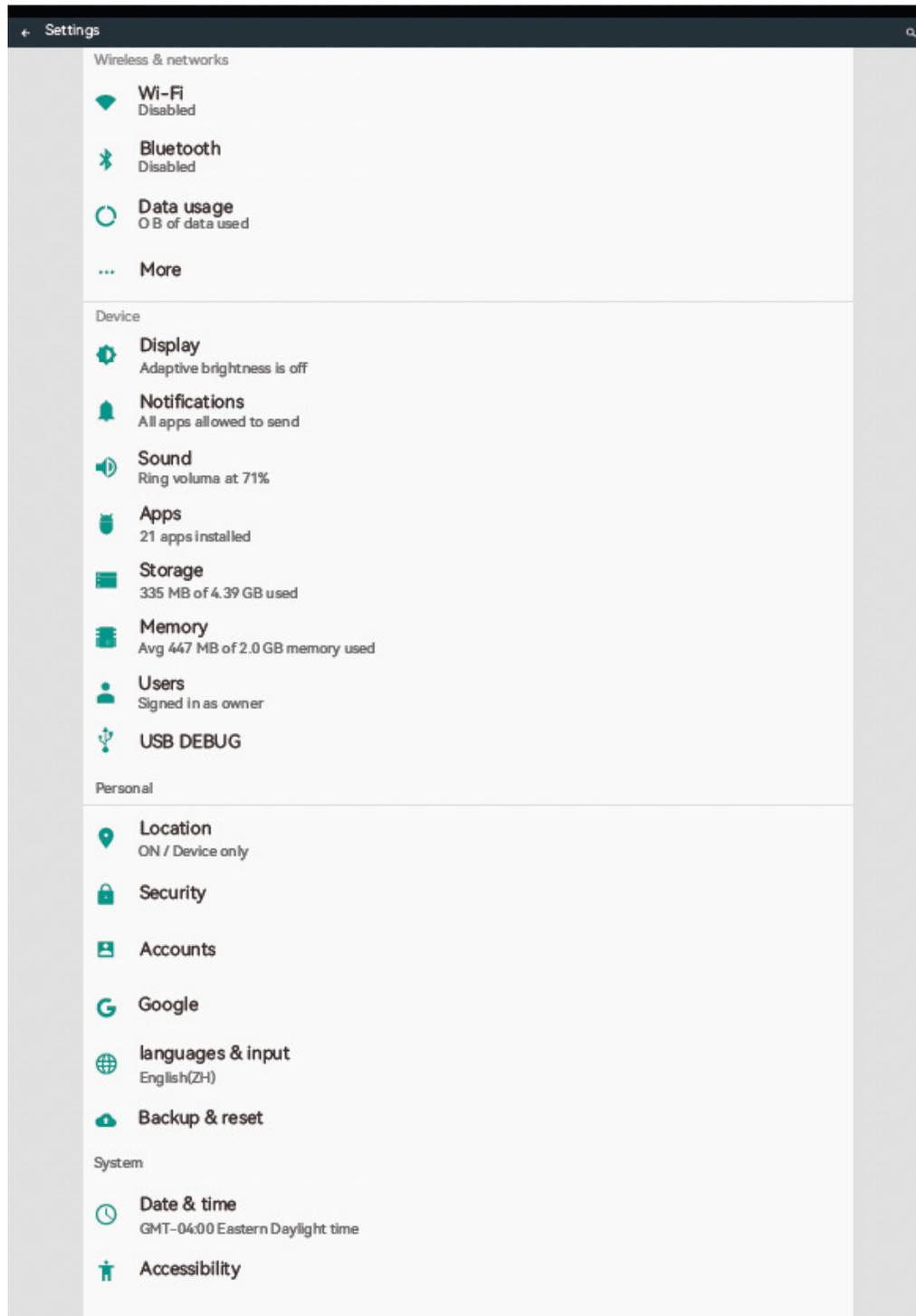
- **1.3** Description of some of the application icons that come with the system.



Icon	Description
	Open application bar
	Google Play Store
	File Manager
	Timed on/off function (set on/off interval over 5 minutes)
	Settings (go to menu to set as required)
	Recorder: (required machine with microphone) to record audio files
	Video Player: can support automatic reading and playback of videos from storage
	APK Installer: this feature supports detection of app installers in the device storage and installation
	Google Chrome: this browser can be used to access the web when connected to the internet
	Camera (external camera connection required): use the camera to take pictures, record videos and adjust the photo ratio in the camera settings

Description Of Basic Operation

2. Introduction to system settings

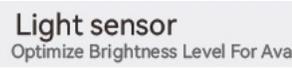


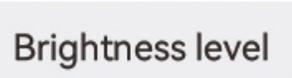
- **2.1**  **WiFi**
Disconnected

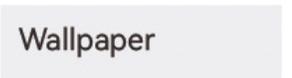
Click on the icon to enable/disable the wifi function and connect to the detected wifi.
- **2.2**  **Bluetooth**
Disabled

Click on the icon to enable/disable the bluetooth function and to detect bluetooth devices in your surroundings.
- **2.3**  **Display**
Adaptive brightness is OFF

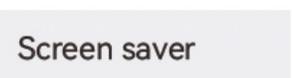
By clicking on the icon, the following function options can be set.

 - **2.3.1**  **Light sensor**
Optimize Brightness Level For Available Light

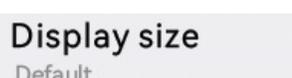
Adjusting the backlight brightness (the light-sensing function needs to be switched off for the adjusted brightness parameter to be valid).
 - **2.3.2**  **Brightness level**

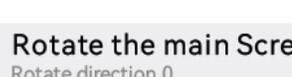
Light-sensitive functions.
 - **2.3.3**  **Wallpaper**

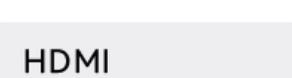
Wallpaper settings.
 - **2.3.4**  **Sleep**
Never

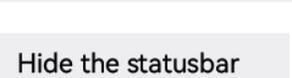
Screen sleep settings.
 - **2.3.5**  **Screen saver**

Screen saver settings.
 - **2.3.6**  **Font size**
Default

Adjust font size.
 - **2.3.7**  **Display size**
Default

Adjust display size.
 - **2.3.8**  **Rotate the main Screen**
Rotate direction 0

Screen rotation.
 - **2.3.9**  **HDMI**

HDMI output settings.
 - **2.3.10**  **Hide the statusbar**

Enable/Disable the status bar.
 - **2.3.11**  **Hide navigation bar**

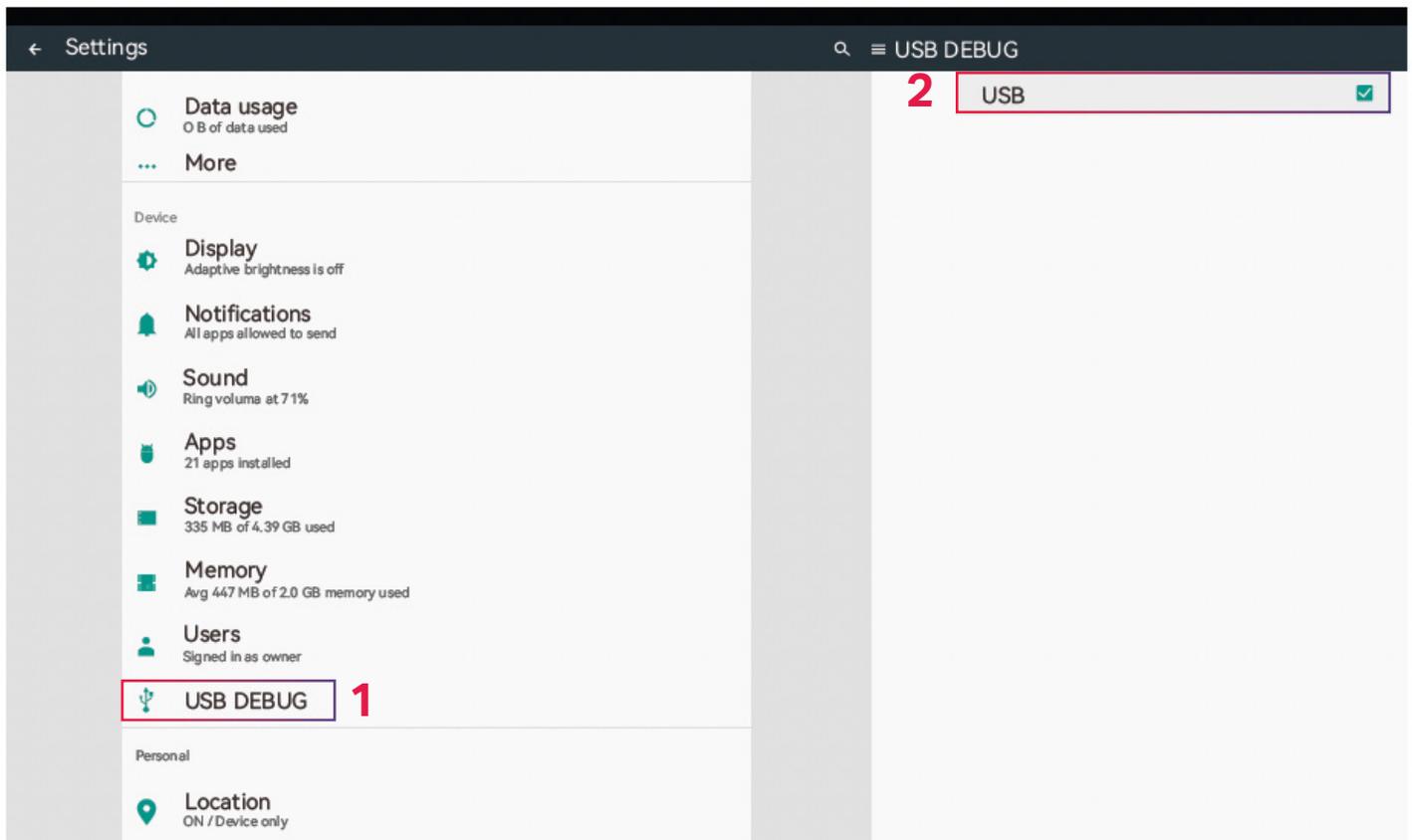
Enable/Disable the navigation bar.

- **2.4**  **Notifications**
All apps allowed to send
 - **2.5**  **Notifications**
All apps allowed to send
 - **2.6**  **Apps**
15 apps installed
 - **2.7**  **Screenshot Setting**
 - **2.8**  **USB DEBUG**
 - **2.9**  **Languages & input**
English(United States)
 - **2.10**  **Backup & reset**
 - **2.11**  **Date & time**
GMT + 08:00 China Standard Time
 - **2.12**  **About device**
Android 7.1.2
- Select the icon to set the app's notification permissions.
- Select the icon to set the system volume and notification tone.
- Select the icon to set app permissions and to uninstall the app.
- Select the icon to set the screenshot storage path and the screenshot function switch.
- Select the icon to set up the conversion of one of the USB ports to an OTG port.
- Select the icon to change the country language and to set the input method keyboard.
- Select the icon to restore the system to factory settings and back up data.
- Select the icons to change the time, date, and time zone.
- Select the icon to view information about the system.

Description Of Basic Operation

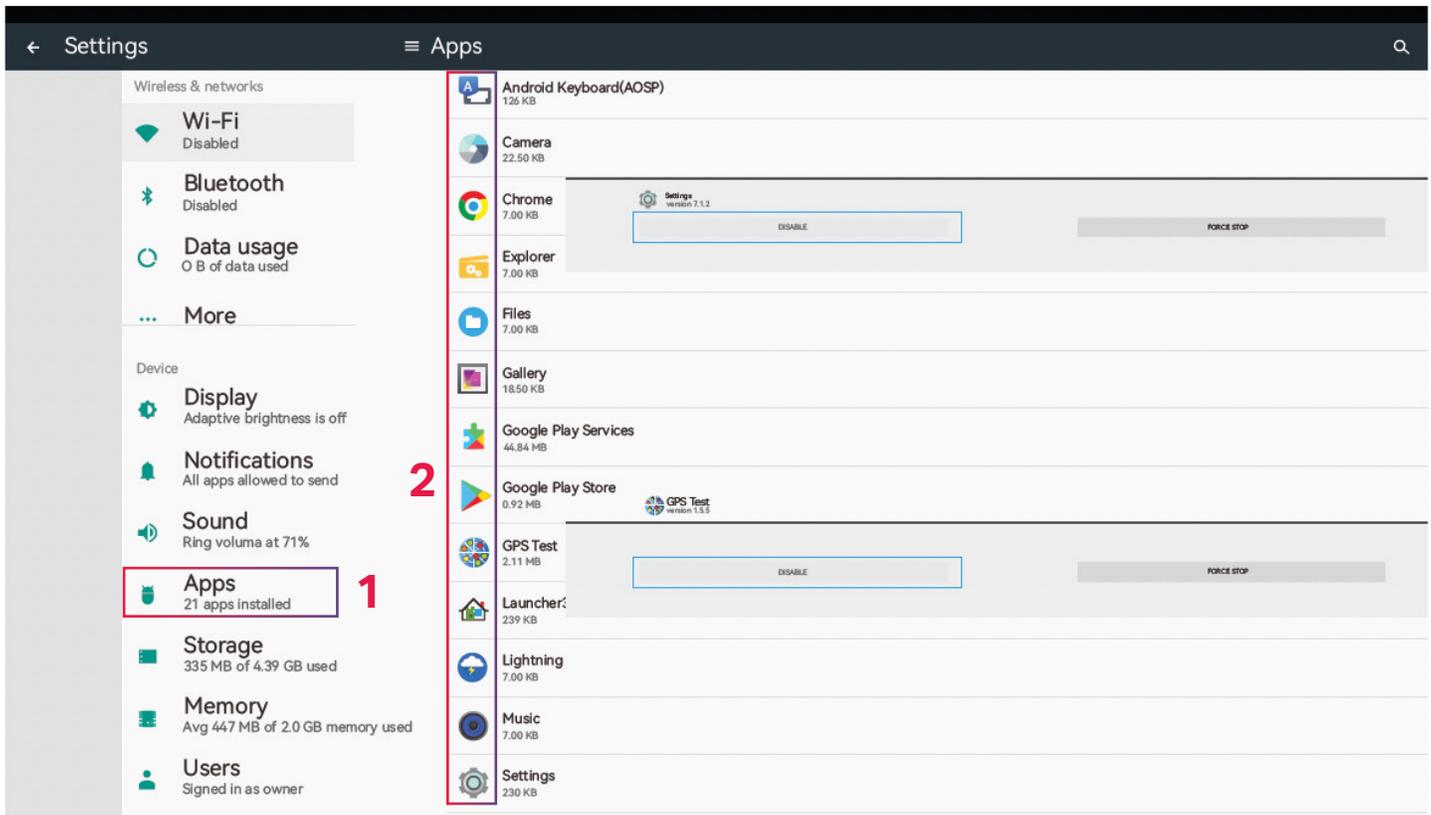
3. Instructions for using functions

- **3.1** USB switch OTG function



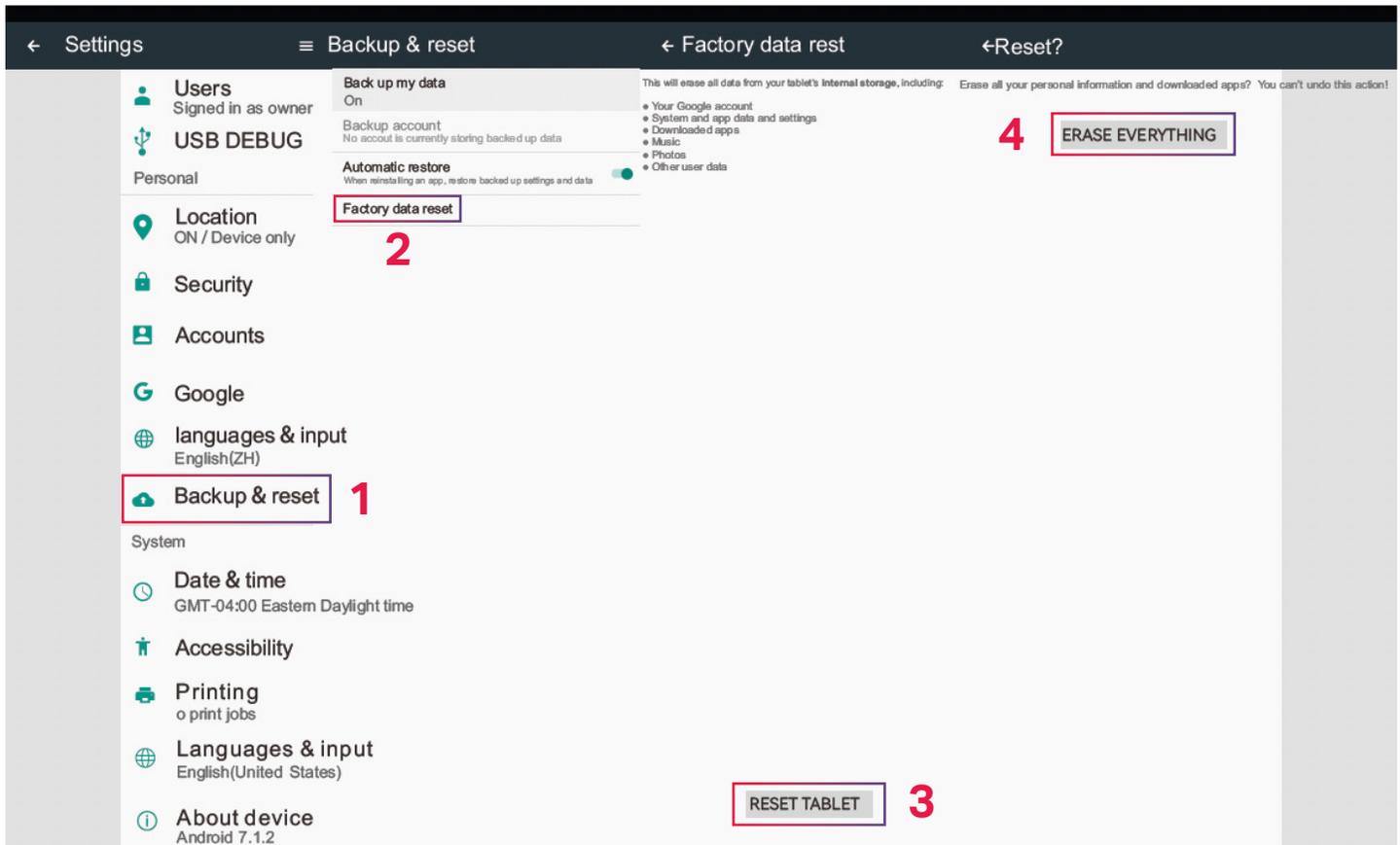
- **3.1.1** Access the setup screen.
- **3.1.2** Open the USB DEBUG menu bar and tick USB on. One of the USB ports will become an OTG port.

- **3.2 Software uninstallation**



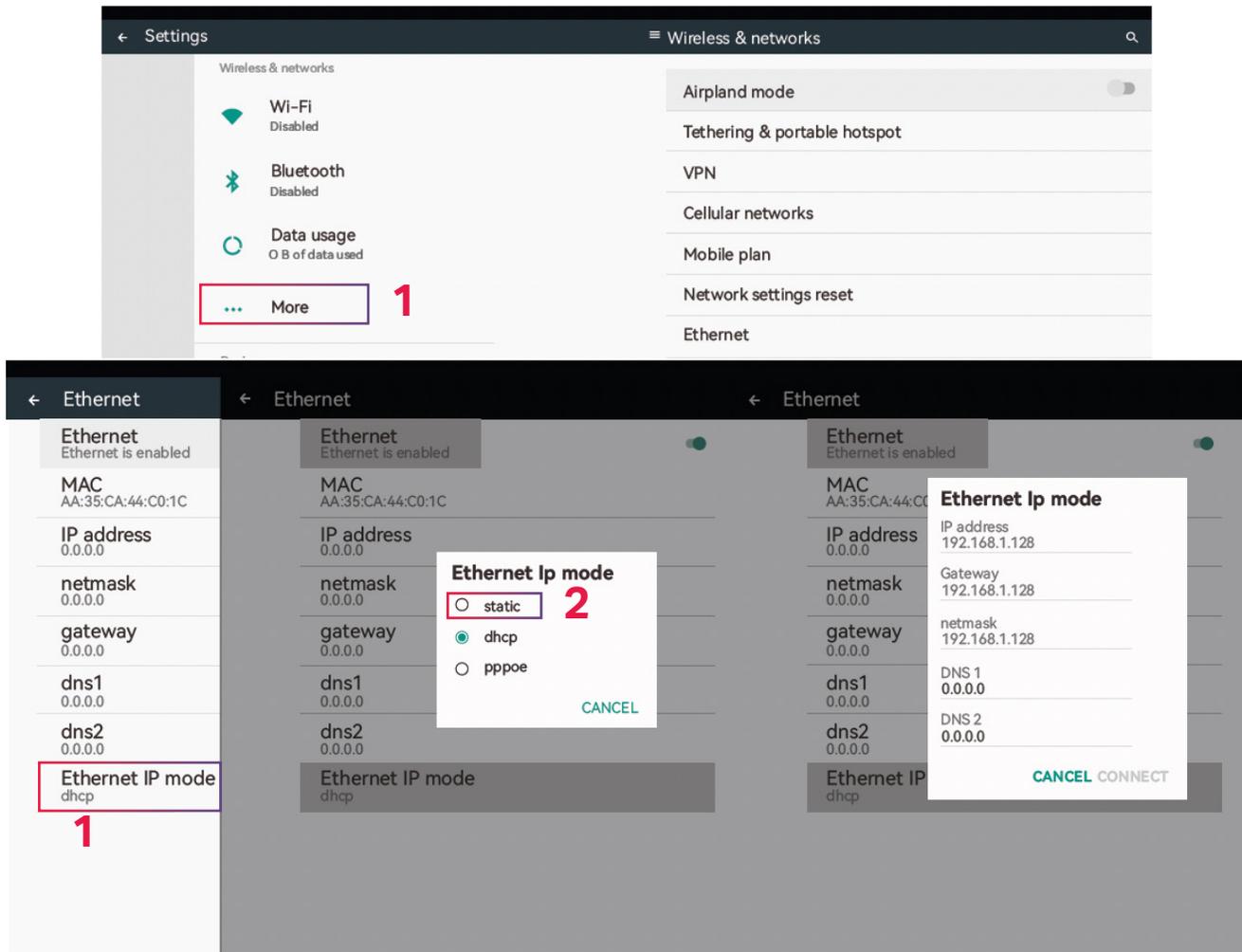
- **3.2.1** Access the settings screen.
- **3.2.2** Open the apps menu bar and select the icon of the app you want to uninstall.
- **3.2.3** Click on the UNINSTALL button to uninstall the software. (The software that comes with the system cannot be uninstalled.)

- **3.3 Restoring factory settings**



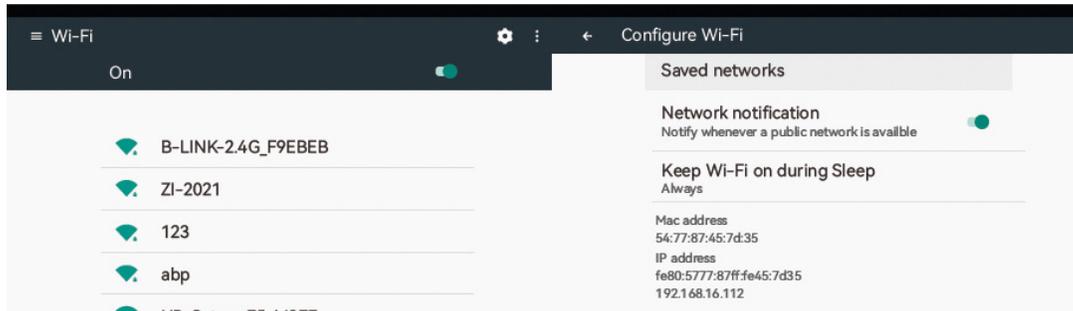
- **3.3.1** Access the settings screen.
- **3.3.2** Open the Backup & Reset menu bar and select Factory data reset.
- **3.3.3** Select RESET TABLET and then select ERASE EVERYTHING.

- **3.4** Modifying the LAN for static IP



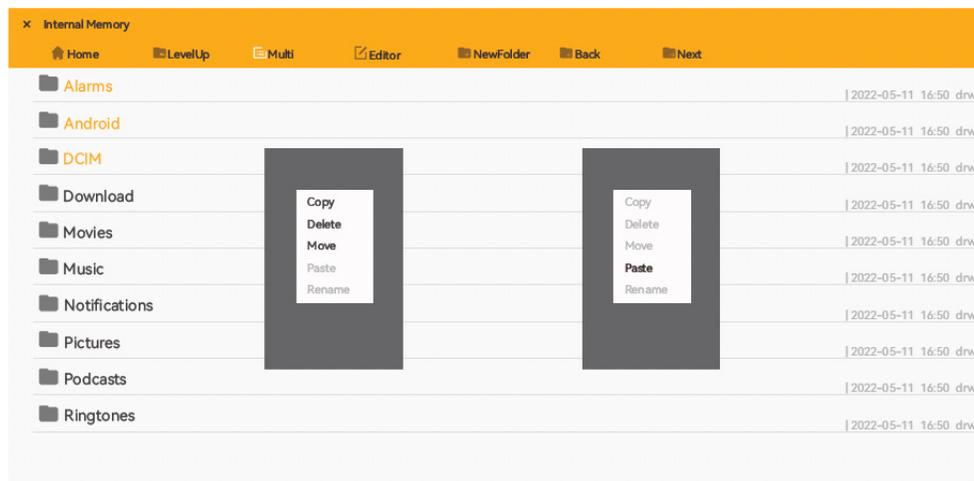
- **3.4.1** Access the settings screen.
- **3.4.2** Open the More menu bar and select Ethernet to enter the network settings.
- **3.4.3** Select Ethernet IP mode to select the network mode, select static to bring up the network IP settings page.
- **3.4.4** Enter network information.

- **3.5 Check the IP and MAC address of WiFi**



- **3.5.1** Open WiFi settings and select the gear icon in the top right corner to see the mac address as well as the IP address of the WiFi.

- **3.6 File Navigation**



- **3.6.1** Open the Explorer
- **3.6.2** Select the file to be moved (or select Multi to move multiple files) and the selected file will have its file name turned yellow.
- **3.6.3** After selecting Edit, a dialog box pops up, click Move.
- **3.6.4** Open the folder to which you want to move the file to. Select Edit and a session box will pop up. Select Paste and the file will be copied in automatically.