

User manual

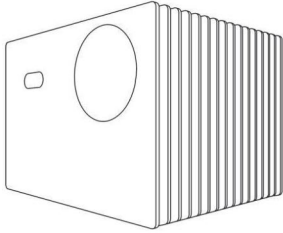
Model:VGTv-RC03

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Packing List

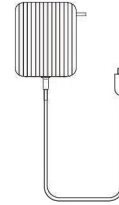
Before using this product, please check that all items are included in the box



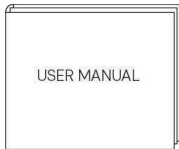
VisionMaster



Remote



Power Adapter



User Manual



Cleaning Cloth



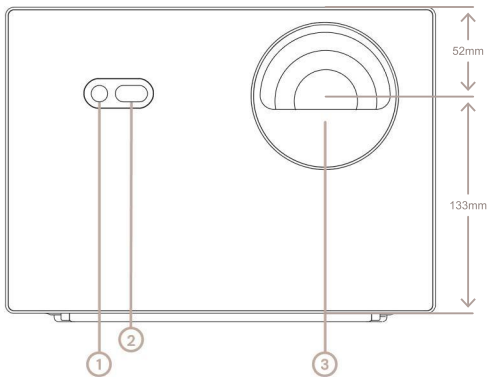
2×AAA Batteries



EPP Protective Case

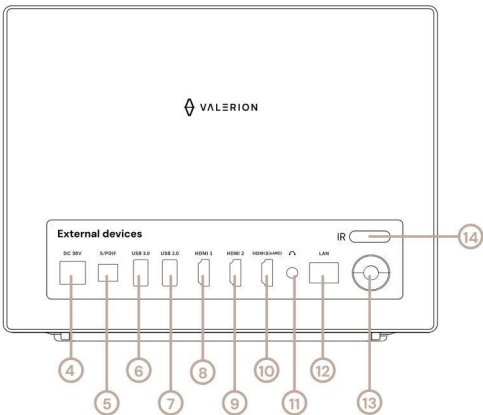
Product Diagram

Front



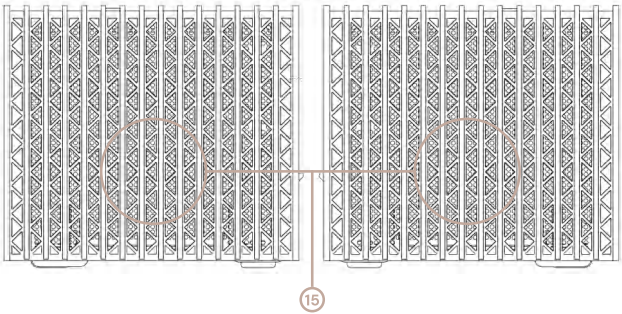
- 1. CMOS image sensor module
- 2. ToF sensor
- 3. Lens

Back



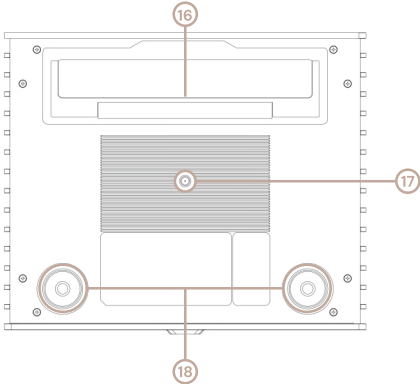
- 4. Power Port
- 5. Optical S/PDIF
- 6. USB 3.0
- 7. USB 2.0
- 8. HDMI 1
- 9. HDMI 2
- 10. HDMI 3(eARC)
- 11. 3.5 mm Audio Output Jack
- 12. LAN
- 13. Power On/Off
- 14. Remote IR Receiver

Side



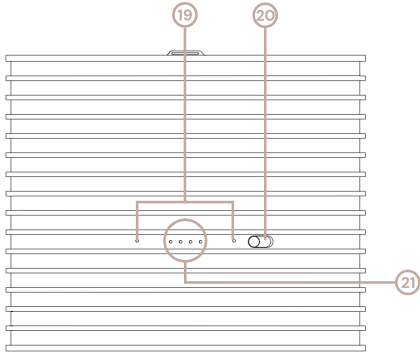
15 . Heat Dissipation Vent

Bottom



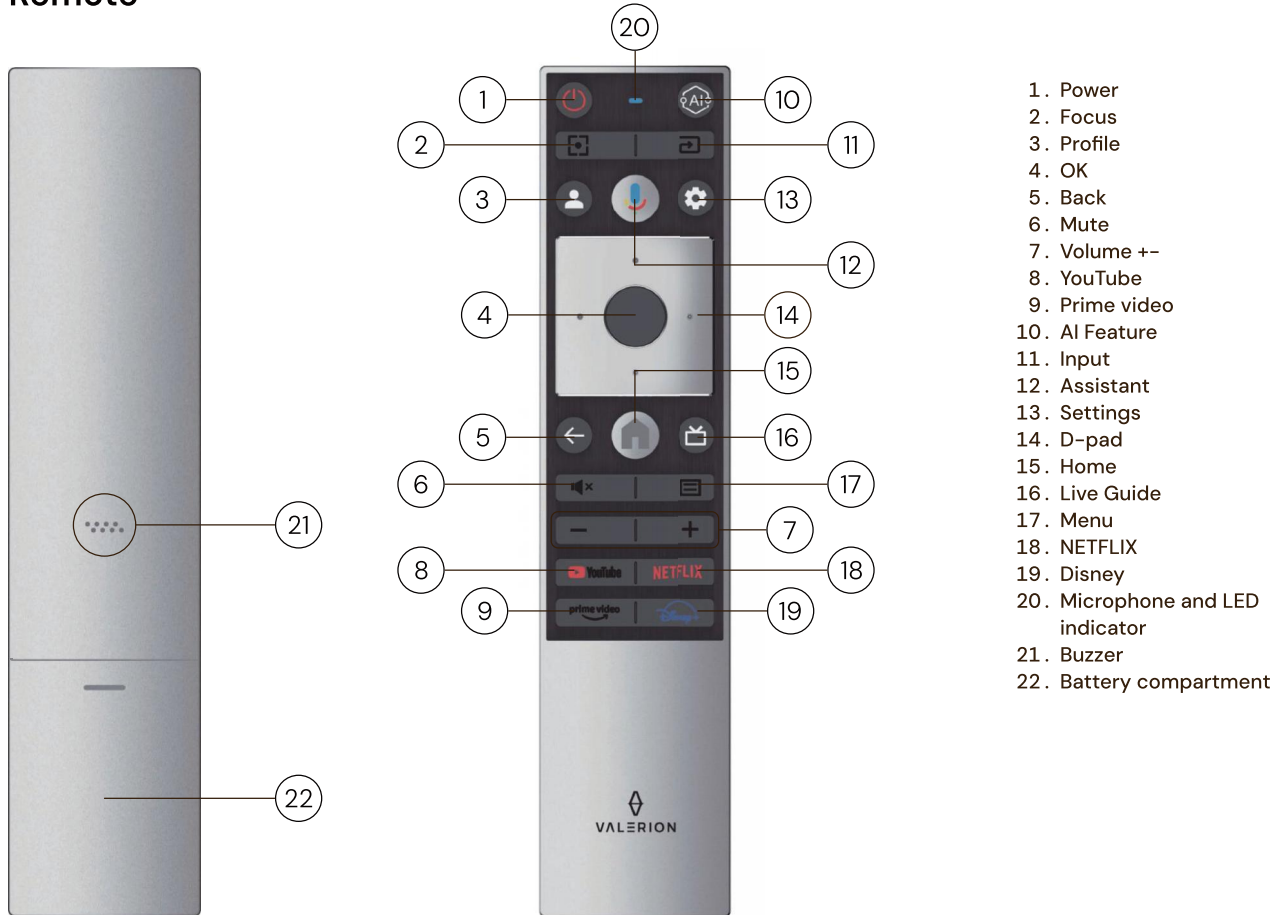
16 . Adjustable Bottom Support
17 . Mount Hole M6*8mm
18 . Rear Foot

Top



19 . Far Field Google Assistant Mic
20 . Far Field Google Assistant Switch
21 . Far Field Google Assistant LED Indicator

Remote



Certification and Compliance For remote control

FCC Notice

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

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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux

CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) L'appareil ne doit pas produire de brouillage;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Le matériel a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. Le dispositif peut être utilisé dans des conditions d'exposition portables illimitées.

Throw Distance Chart

300"



40"

40"

100"

120"

150"

180"

200"

300"

Plus / Plus2

40"

100"

120"

150"

180"

200"

300"

106 cm
42 inch

265 cm
105 inch

318 cm
125 inch

398 cm
157 inch

478 cm
188 inch

531 cm
209 inch

796 cm
314 inch

Pro / Pro2 / Max

40"

100"

120"

150"

180"

200"

300"

Min

80 cm
31 inch

199 cm
78 inch

239 cm
94 inch

298 cm
117 inch

358 cm
141 inch

398 cm
157 inch

597 cm
235 inch

Max

133 cm
52 inch

332 cm
130 inch

398 cm
156 inch

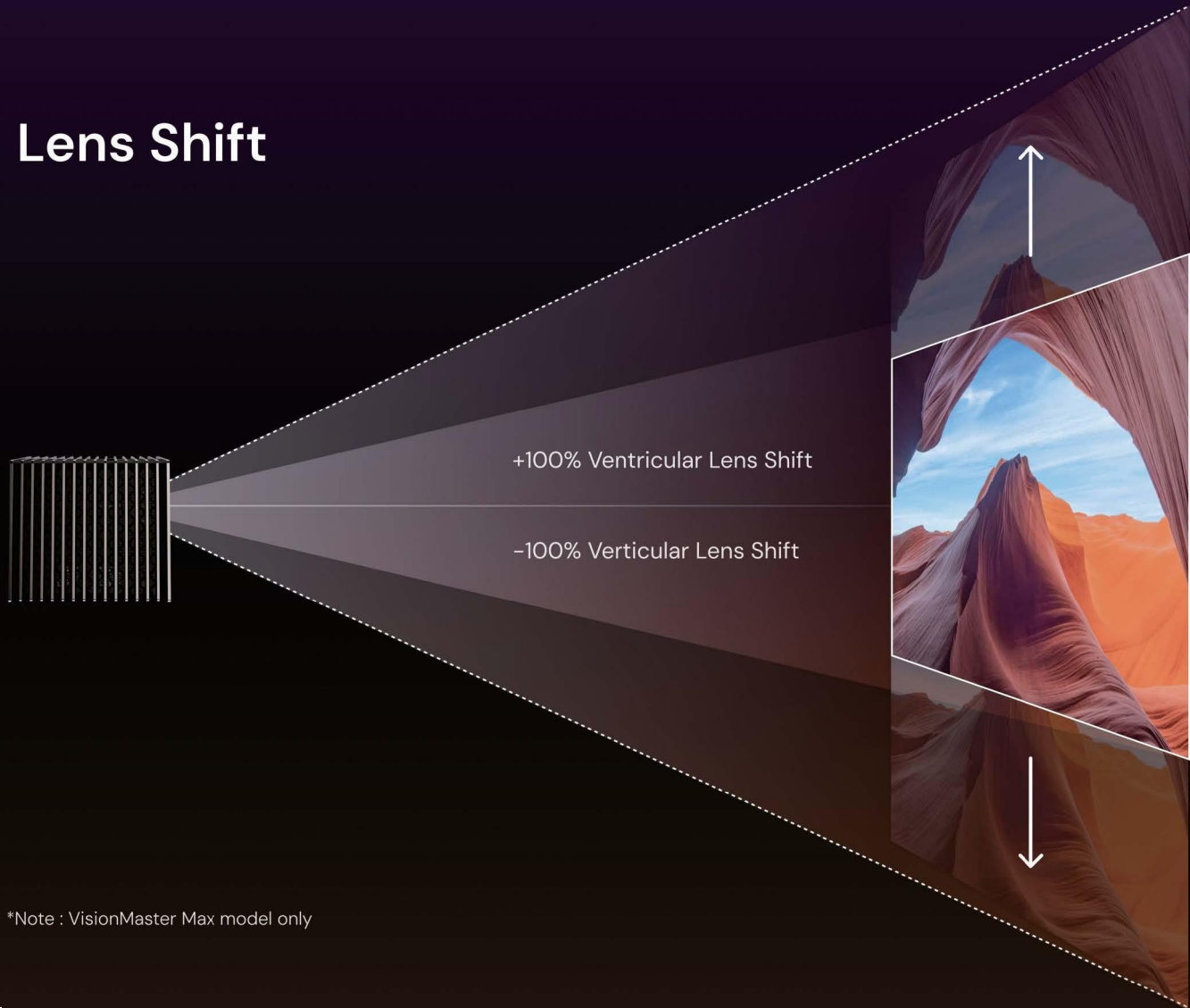
498 cm
196 inch

597 cm
235 inch

664 cm
261 inch

996 cm
392 inch

Lens Shift



*Note : VisionMaster Max model only

Operation Guide

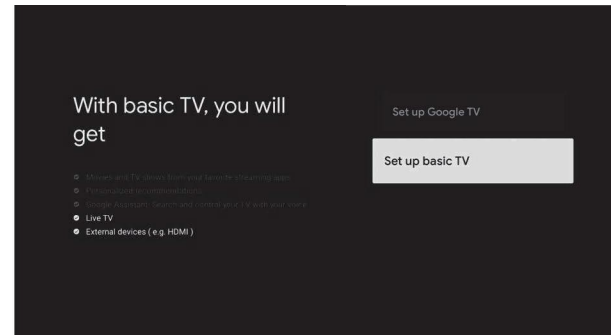
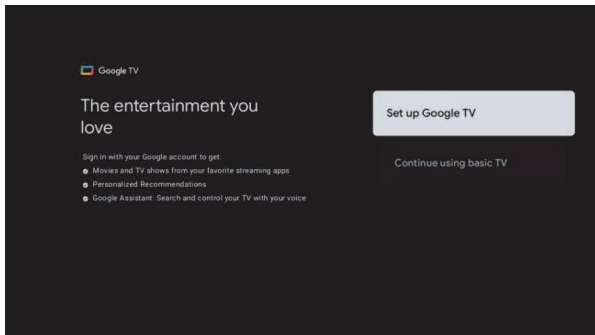
POWER ON/OFF

Power the Valerion VisionMaster with attached power adapter, press the VisionMaster's rear [⏻] button or the remote control's [⏻] button one to power it on/off.



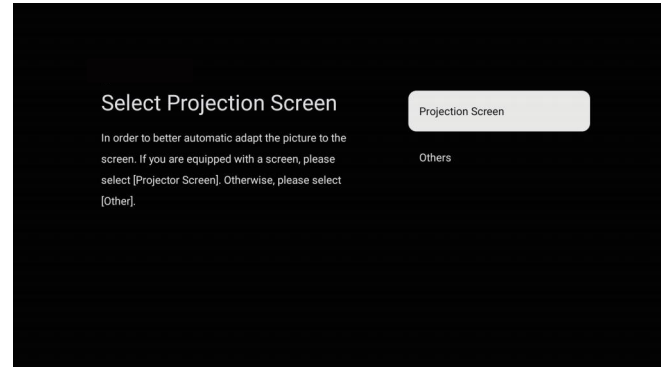
Set Up Google TV/Basic TV

- Google TV:**
- ✓ Movies and TV shows from your favorite streaming apps
 - ✓ Personalized Recommendations
 - ✓ Google Assistant: Search and control your TV with your voice
- Basic TV:**
- ✓ Live TV
 - ✓ External devices (e.g. HDMI)



Projection Screen

If you are equipped with a screen, you can select [Projection Screen]. It will use [Auto Screen Fit in] to pair with your screen. Otherwise, please select [Others].



Home Page Overview

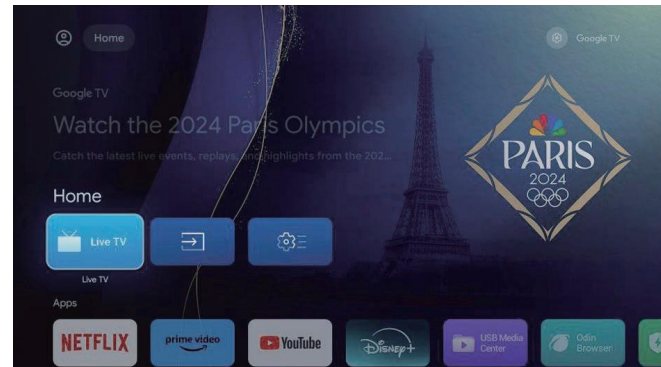
There are 3 sections on the home page.

In the upper right corner, you can monitor the External Google Account, Search, and Settings delete comma and add dash, you can change these settings with the remote control if needed.

The middle 3 main menus on the home page, including Live, Signal input and Settings for further operation and management.

At the bottom, you will find your favorite Apps making for intuitive and convenient operation.

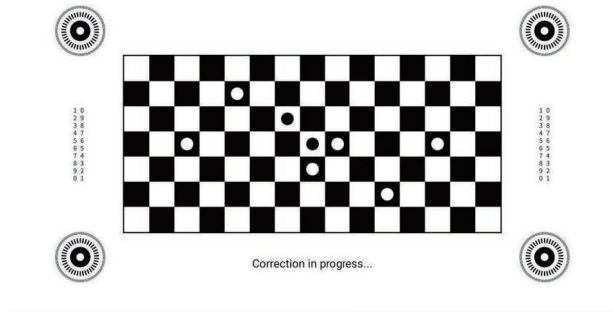
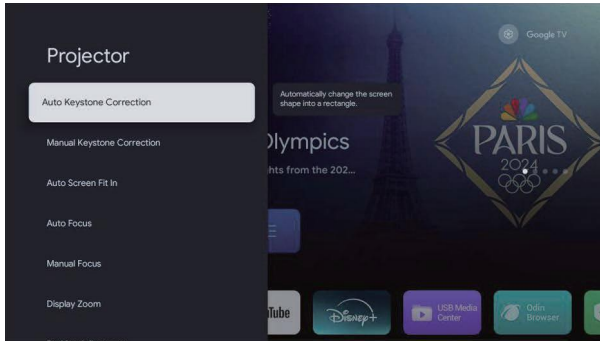
Additionally, the homepage background picture changes dynamically.



Auto Keystone Correction

In addition to adjusting the physical position of the device to align the display image with the screen, you can use the Auto Keystone Correction feature to improve the image quality.

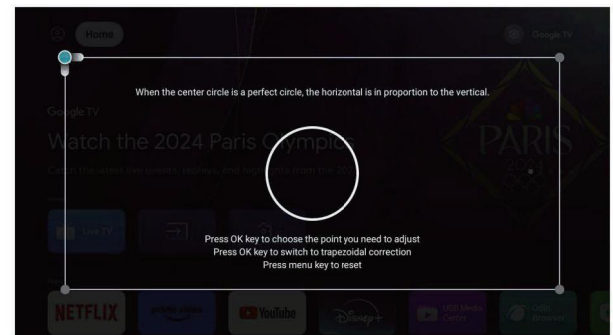
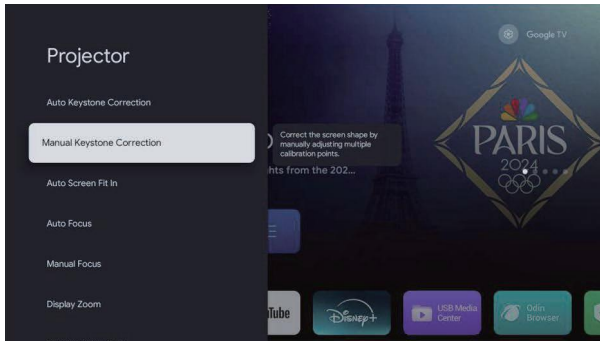
You can enable this feature by following the menu path: [Settings] → [Projector] → [Auto Keystone Correction].



Manual Keystone Correction

In addition to adjusting the physical position of the device to align the display image with the screen, you can use the Manual Keystone Correction feature to improve the image quality.

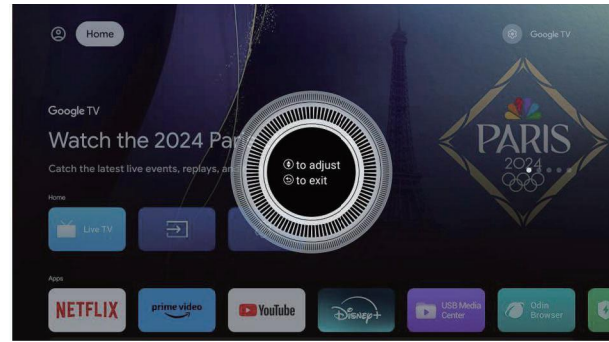
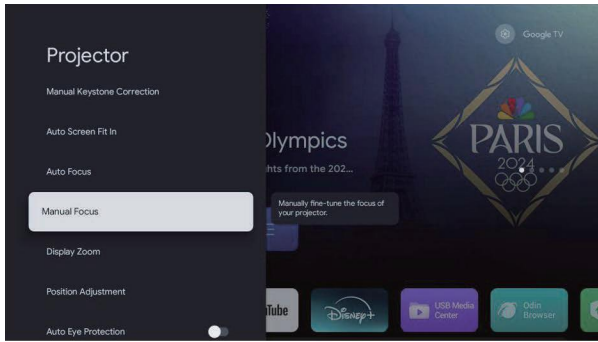
You can enable this feature by following the menu path: [Settings] → [Projector] → [Manual Keystone Correction].



Electric Focus Adjustment

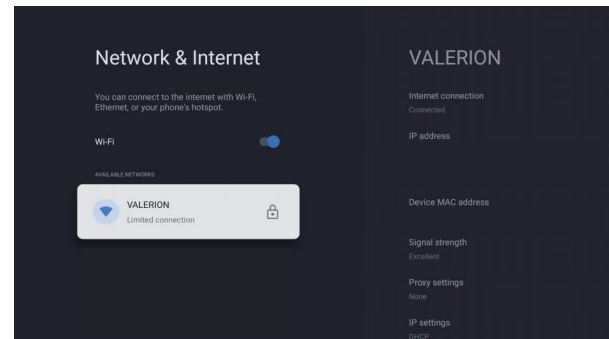
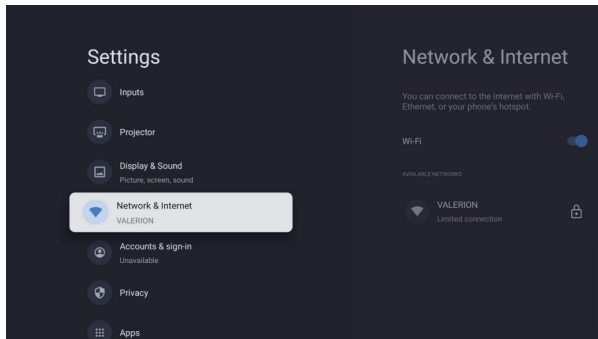
There is no Fixed Focus design in the Valerion VisionMaster product, which allows you to adjust the focus for better image quality at different screen sizes.

- You can use the [Up/Down] button on the remote to achieve the clearest image using the electric focus adjustment feature.
- You can access this function by following the menu path: [Settings] → [Projector] → [Manual Focus], or select [Auto Focus].



Network

Open the function following the menu path: [Settings] → [Network&Internet] → [Your Wi-Fi]→ [Password]:



Bluetooth



How to connect remote control.

- Insert 2*AAA batteries in the remote control.
- When connecting to VisionMaster for the first time, hold down [Home] and [Back] bottom on the remote control to start pairing.
- The red LED means the remote works in IR mode and the blue LED means the remote works in BT mode.



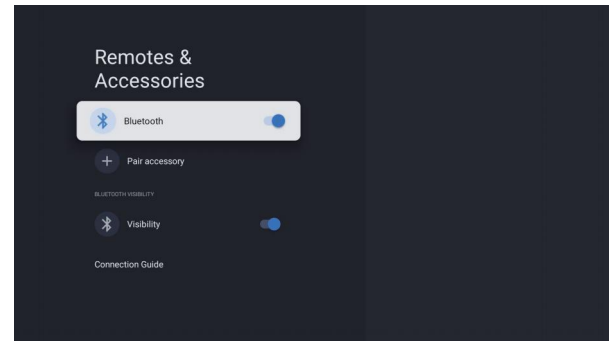
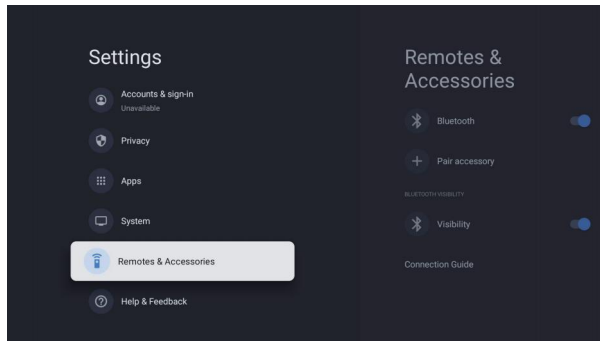
How to connect Bluetooth accessories.

- Click on Pair accessory in the menu.
- Put your Bluetooth accessory in pairing mode using the instructions that came with it.
- If you can't see your Bluetooth accessory in the searched list, please keep it in pairing mode and try to add the accessory again.



How to connect Multipoint headphones.

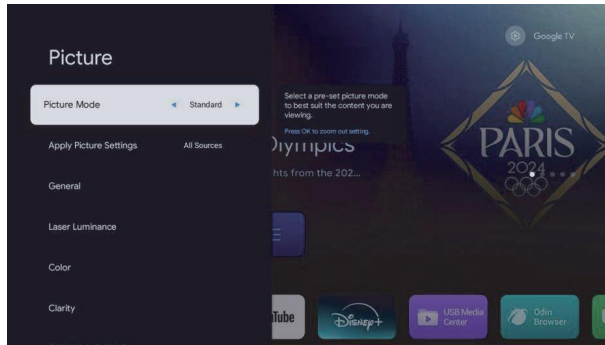
- Make sure your headphone supports multipoint connections.
- When connecting to VisionMaster for the first time, put the headphone back into pairing mode.
- After successfully connecting to the VisionMaster, the headphone can be simultaneously connected to VisionMaster and phone.
- When you switch media playback between your VisionMaster and your phone, you must stop the media or audio on the first device and then start the media or audio on the other device.



Picture

The projector's picture settings offer various options to help you optimize display performance based on different environments and personal preferences. Below are the main features:

1. Vivid Mode——Purpose: Provides a bright and vibrant picture with enhanced colors and contrast.
2. Standard Mode——Purpose: Delivers balanced color and brightness for general use.
3. Sports Mode——Purpose: Optimizes the image for fast-moving action with vivid colors and reduced blur.
4. Game Mode——Purpose: Reduces input lag and enhances image responsiveness for a better gaming experience.
5. Energy Saving Mode——Purpose: Reduces the brightness and power consumption of the projector.
6. Theater Mode——Purpose: Provides a cinematic experience with optimized color accuracy and contrast for movie watching.
7. Filmmaker Mode——Purpose: Preserves the director's original vision with accurate colors, contrast, and a cinematic look.



Vivid



Standard



Sports



PC/game



Energy saving



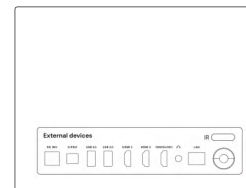
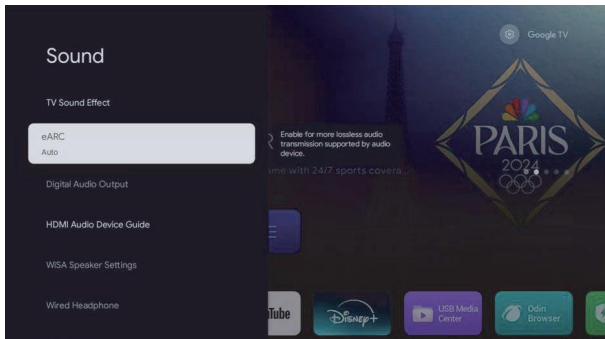
Theater



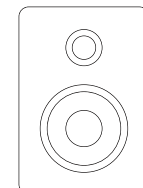
Filmmaker Mode

Sound

The eARC (Enhanced Audio Return Channel) feature on a projector allows for a higher-quality audio connection between the projector and compatible audio devices, such as soundbars or AV receivers.



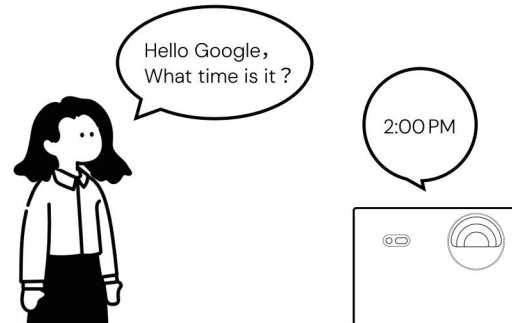
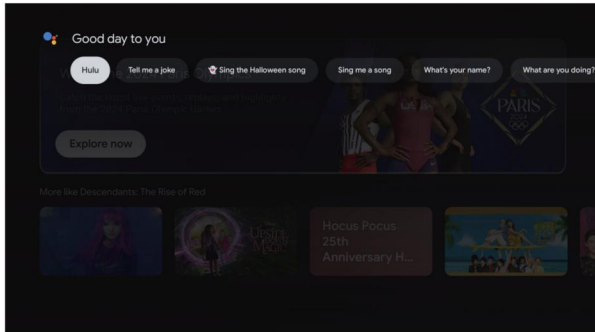
Audio



Google Assistant

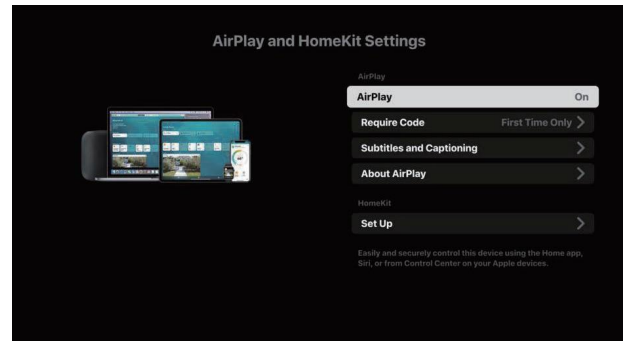
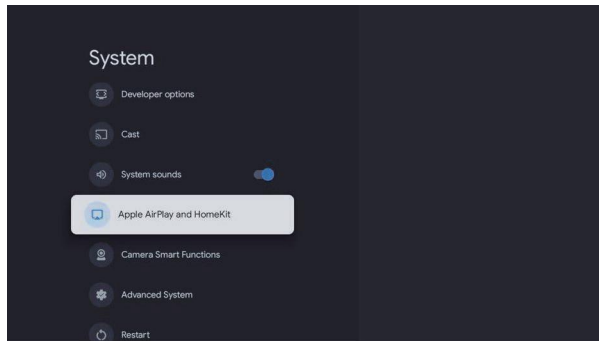
Google Assistant is a powerful AI-driven virtual assistant that allows users to control devices and perform various tasks through voice commands. With the near-field voice assistant feature on the remote, you can easily control the projector or other compatible devices by simply pressing the microphone button on the remote and speaking your command, eliminating the need for manual operation. Whether it's adjusting the volume, switching input sources, or searching for content, Google Assistant responds quickly, offering a convenient user experience.

Additionally, the projector has a built-in voice assistant feature on its top panel, allowing you to interact with the device directly without using the remote. Just speak your command to the projector, and you can adjust settings, play content, or retrieve information. This design provides a more natural and intuitive way to control the device, enhancing convenience and smart functionality. Whether using the voice assistant on the remote or through the device itself, Google Assistant delivers an exceptional voice control experience.



Apple HomeKit

Apple HomeKit is a framework that allows users to control smart home devices using their Apple devices. Through the Home app on iPhone, iPad, or Mac, users can manage compatible smart lights, thermostats, cameras, locks, and more. HomeKit also supports automation, enabling users to set up routines and triggers based on time, location, or sensor data. Additionally, with Siri integration, users can control their devices with voice commands, making home management more convenient and seamless. Security is a key feature, as HomeKit ensures that data between devices is encrypted for privacy and safety.



OTA (Over-the-Air) Updates

1. What is OTA?

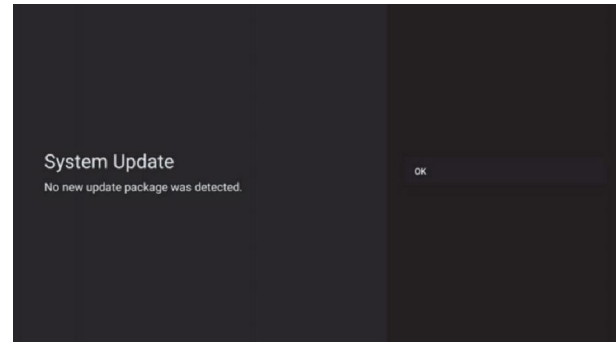
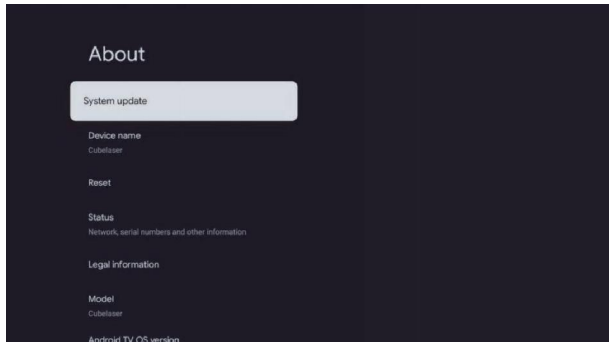
OTA (Over-the-Air) updates allow your device, such as a projector, to receive software updates wirelessly through an internet connection. This means you don't need to connect the device to a computer or manually download firmware from a website.

2. Benefits of OTA Updates:

Convenience: OTA updates are easy to install. The device will notify you when an update is available, and you can usually download and install it with just a few clicks.

Latest Features and Fixes: OTA updates ensure your device is always running the latest software, which may include new features, security patches, and bug fixes that improve the device's performance.

No Technical Knowledge Required: Users don't need any technical expertise to install OTA updates, making it accessible to everyone.



Factory Reset

1. What is a Factory Reset?

A factory reset is a process that restores a device to its original state, erasing all personal data, settings, and installed applications. This function returns the device to the condition it was in when it first left the factory.

2. When to Use a Factory Reset:

Troubleshooting: If your device is experiencing issues, such as frequent crashes or software glitches, a factory reset can often resolve these problems by clearing out any corrupted data or software conflicts.

Before Selling or Giving Away: Performing a factory reset is essential before you sell or give away your device to ensure that all your personal information is completely removed.

After a Failed Update: If an OTA update fails and causes the device to malfunction, a factory reset can be a way to revert to a stable state.

