# N1S Series Manual

# Catalogs

***You can click on the catalog option headings to quickly get to the feature descriptions you need.**


**N1S Series Manual**
**Catalogs**
**Safety Notice**
**Scope of Delivery**
**Remote Control**
**Power Port and Power Button**
N1S
N1S Pro 4K&N1S Ultra& N1S Ultimate 4K
Interface Descriptions
N1S
N1S Pro 4K&N1S Ultra& N1S Ultimate 4K

**Launcher Main Functions**
Home Screen
Dashboard
**Network & Internet & Bluetooth Connection**
Network&Internet（Wi-Fi）
Bluetooth
**Common Projector Settings**
Keystone Correction
1. Instant Gimbal-like Display Correction
2. Auto Keystone Correction
3. Manual Keystone Correction
4. Keystone Correction Settings
4.1 Keystone Correction Upon Startup
4.2 Keystone Calibration
4.3 Smart Object Avoidance（Only for N1S Pro & N1S Ultra& N1S Ultimate）
4.3 Auto Screen Fitting
4.3.1 Smart Screen Alignment(Only for N1S)

Focus
1.Auto Focus
2. Manual Focus
3. Focus Settings
3.1 Auto Trigger Focus
3.2 Focus Calibration
Image Adaption
1.Movement and Zooming
2.Image Adaption
Projection Type
1.Auto Vertical Flip
Smart Eye Protection
Adaptive wall color（Only for N1S Pro & N1S Ultra& N1S Ultimate）

**Display & Sound**
Picture
1.Brightness
2. Adaptive Brightness（Only for N1S Pro & N1S Ultra& N1S Ultimate）
3.Picture Mode
3.1User picture mode
3.1.1AdvancedSettings–[MPEG_NR]/[Adaptive Luma Control]/[Local Contrast Control]/[MEMC]
Sound
Audio Output
**Shortcut setting of HDMI (Including CEC)**
1. Chromecast
2. Screen Mirroring via AirScreen
**Google Assistant**
**Shutdown Menu Setup Instructions**
**JMGO APP**

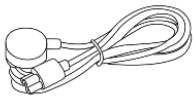
# Safety Notice

Read this product manual thoroughly before attempting to use this product. Store the product manual in a safe location so it may be referenced at any time.
Don’t look directly into the light lens of the device as your eyes may be damaged by strong laser.
When the projector is working, do not block the projection lens with any object.
If you encounter an issue with the product, do not attempt to disassemble it without authorization. Contact professional after-sales personnel to resolve the issue.

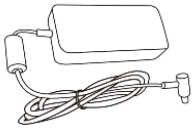
# Scope of Delivery

Projector Body

Remote Control



Power Cable



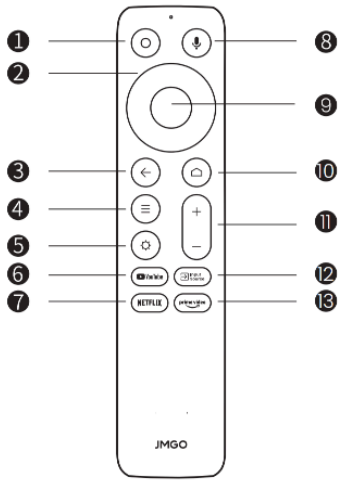
Power Adapter

Quick Start Guide

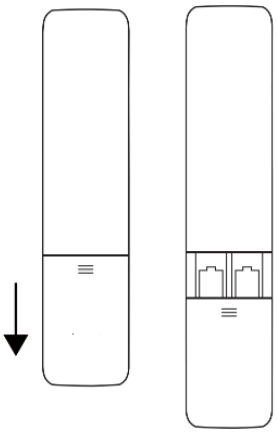
AAA Battery x 2

Allen Wrench

# Remote Control




❶ Power On/Off
❷ Direction Keys
❸ Return
❹ Menu
❺ Settings
❻ YouTube
❼ Netflix
❽ Google Assistant
❾ Confirm
❿ Home
⓫ Volume
⓬ Input Source
⓭ Prime Video



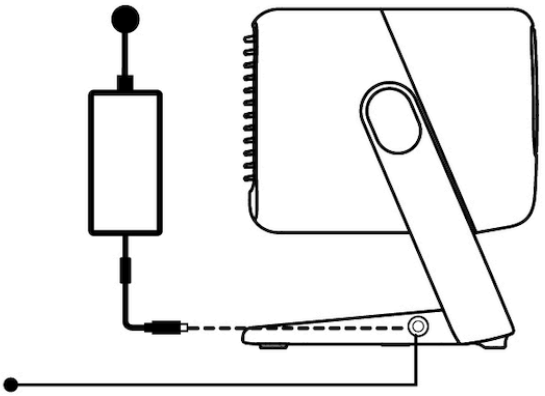
1. Slide down to open the back cover, and then install 2 AAA batteries.
2. Insert new batteries matching the polarity (+/-) and close the battery compartment.

*After the projector is turned on, press and hold the **return button** and **home button** on the remote control for **3 seconds** at the same time to enter Bluetooth pairing.

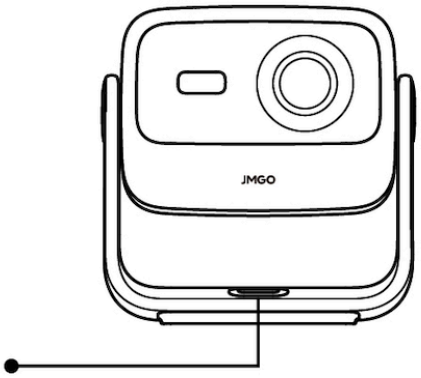
# Power Port and Power Button

The position and connection instructions of the power port are shown in the figure below; short press the power button to turn on and off: short press once to turn on, short press twice to turn off.

### N1S

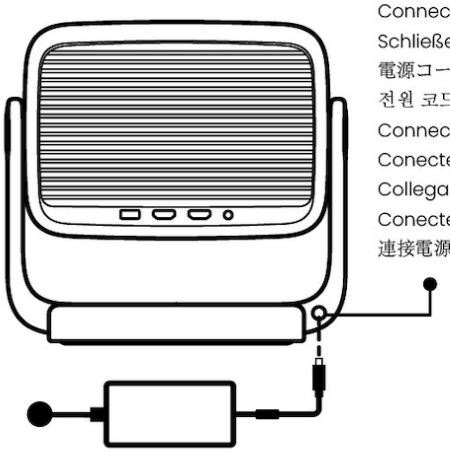


Connect the power cable.
Schließen Sie das Netzkabel an.
電源コードを接続してください
전원 코드 연결
Connectez le câble d'alimentation.
Conecte el cable de alimentación.
Collegare il cavo di alimentazione.
Conecte o cabo de alimentação.
連接電源線.

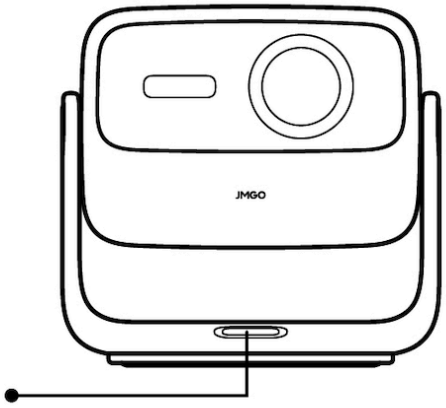



Short press the power button to power on.
Drücken Sie kurz die Einschalttaste, um das Gerät einzuschalten.
電源ボタンを短く押して起動してください
전원 버튼을 짧게 눌러 전원을 켜다
Appuyez brièvement sur le bouton d'alimentation pour allumer.
Presione brevemente el botón de encendido para encender.
Premere brevemente il pulsante di accensione per accendere.
Pressione brevemente o botão de energia para ligar.
短按電源鍵開機.

## N1S Pro 4K&N1S Ultra 4K



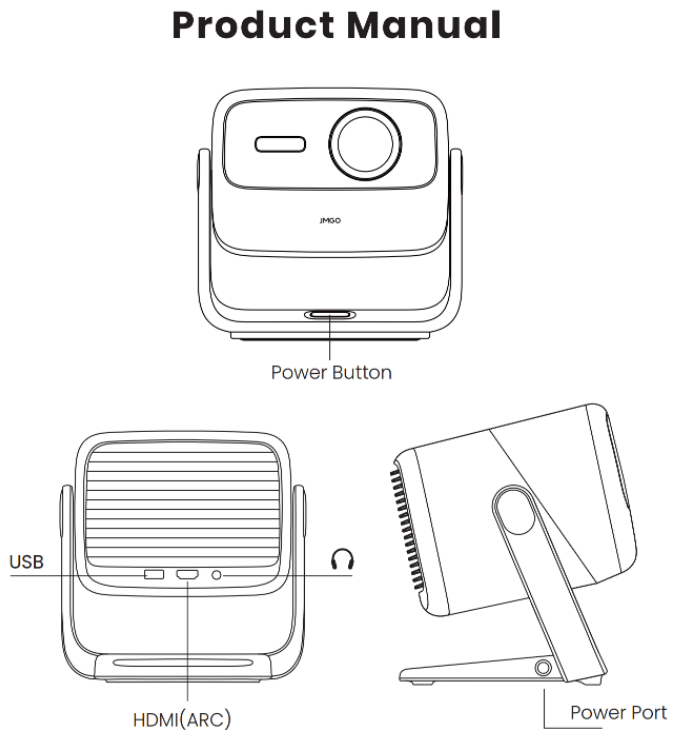
Connect the power cable.
Schließen Sie das Netzkabel an.
電源コードを接続してください
전원 코드 연결
Connectez le câble d'alimentation.
Conecte el cable de alimentación.
Collegare il cavo di alimentazione.
Conecte o cabo de alimentação.
連接電源線.




Short press the power button to power on.
Drücken Sie kurz die Einschalttaste, um das Gerät einzuschalten.
電源ボタンを短く押して起動してください
전원 버튼을 짧게 눌러 전원을 켜다
Appuyez brièvement sur le bouton d'alimentation pour allumer.
Presione brevemente el botón de encendido para encender.
Premere brevemente il pulsante di accensione per accendere.
Pressione brevemente o botão de energia para ligar.
短按電源鍵開機.

# Interface Descriptions

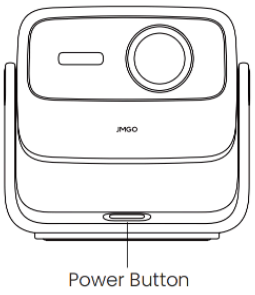
## N1S

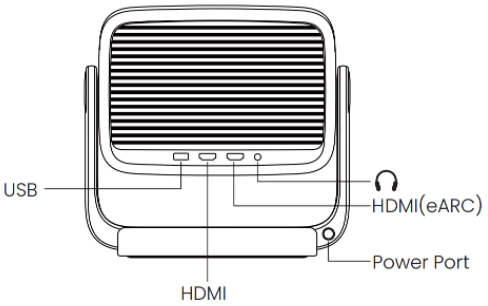



Power on/off: The power button is a physical button, short press to power on or off.

## N1S Pro 4K&N1S Ultra 4K&N1S Ultimate 4K

Product Manual

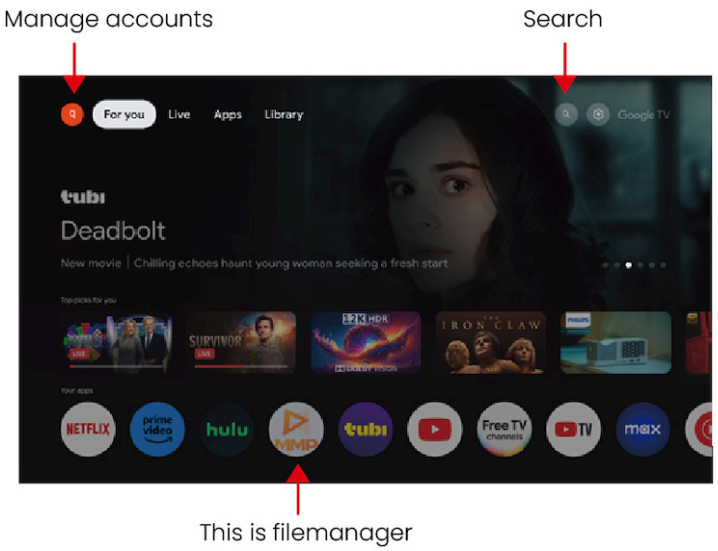



Power on/off: The power button is a physical button, short press to power on or off.

# Launcher Main Functions

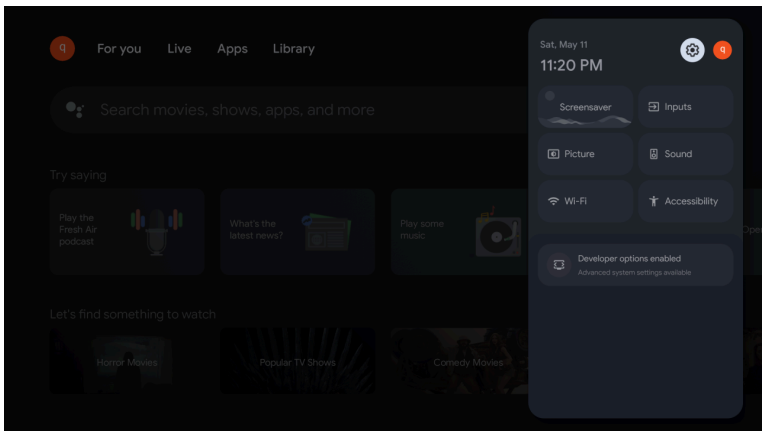
## Home Screen




***Live 'TV:** Live TV programs/channels (feature available in the US only)

## Dashboard

Press the [Settings ] button on the remote control to call out the Dashboard, which allows you to quickly set up functions such as inputs, wifi, picture, sound, and so on.



# Network & Internet & Bluetooth Connection

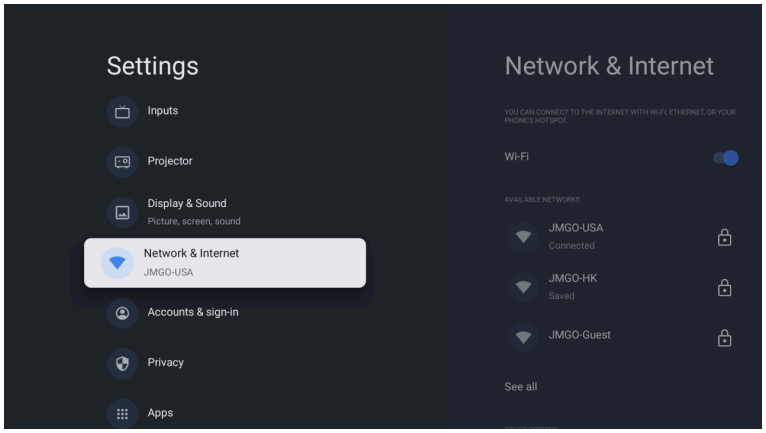
## Network&Internet（Wi-Fi）

**Function path:**

[Settings]—[Network&Internet]—[WiFi]/[Settings]—[Dashboard]—[Wi-Fi]

**Function description:**

Click this setting to connect to the WIFI network.




## Bluetooth

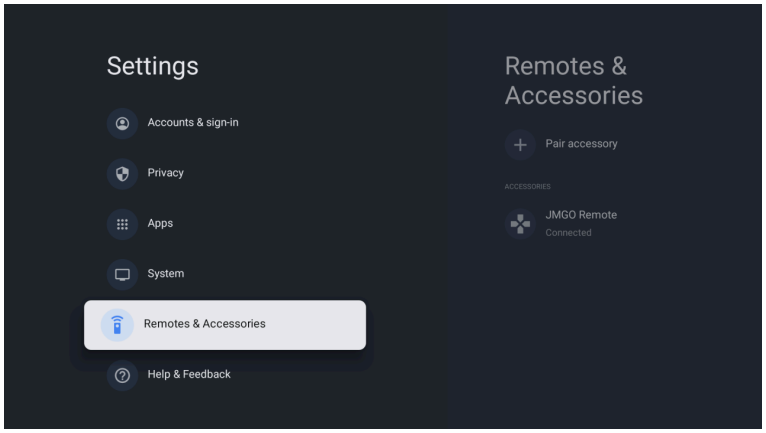
**Function path:**

[Settings]—[Remotes&accessories]

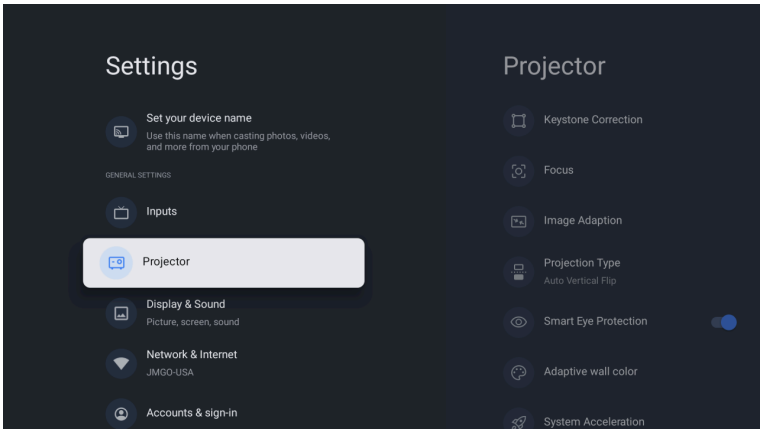
**Function description:**

Click this option to search for and connect to Bluetooth external devices (such as Bluetooth stereos), including remote controls.

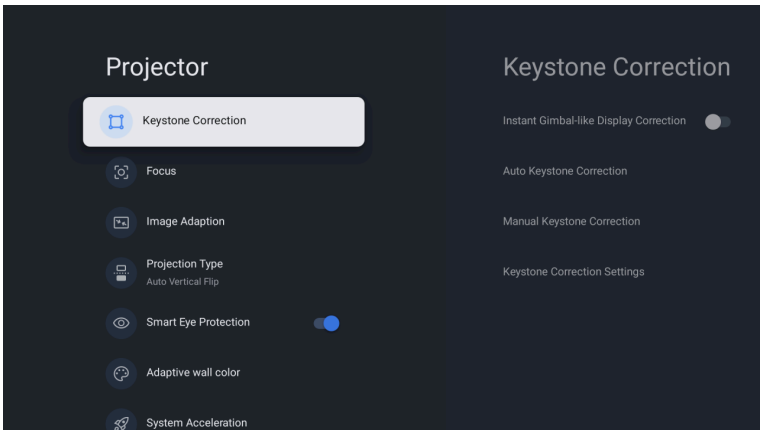
*It is recommended to keep the distance between the remote control and the projector within 10cm when pairing；After successful pairing, the remote control can operate at a distance of up to 10 m.



# Common Projector Settings




# Keystone Correction




## 1. Instant Gimbal-like Display Correction

**Function path:**
[Settings]—[Projector]—[KeystoneCorrection]—[Instant Gimbal-like Display Correction]
**Function description:**
This function is enabled by default and supports real-time image correction and focusing while the machine is moving.

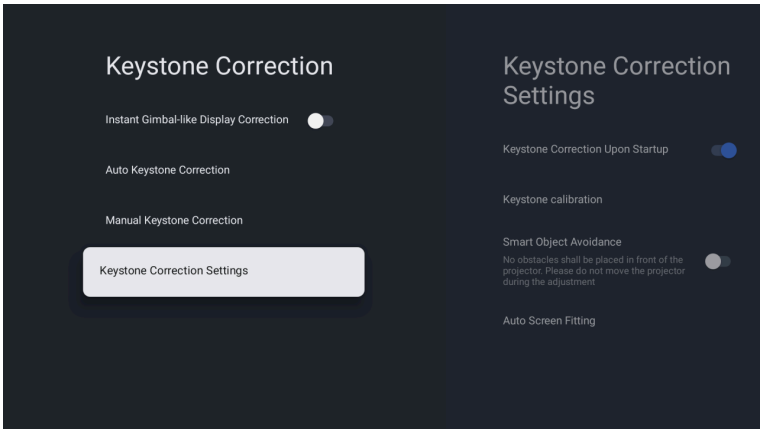
## 2. Auto Keystone Correction

**Function path:**
[Settings]—[Projector]—[Keystone Correction]—[Auto Keystone Correction]
**Function description:**
Click this function once to perform an Auto Keystone Correction.

# 3. Manual Keystone Correction

**Function path:**
[Settings]—[Projector]—[Keystone Correction]—[Manual Keystone Correction]
**Function description:**
This function is turned off by default, and when it is turned on, manual adjustment of the four-point screen adjustment is performed.

# 4. Keystone Correction Settings




## 4.1 Keystone Correction Upon Startup

**Function path:**
[Settings]—[Projector]—[KeystoneCorrection]—[Keystone Correction Settings]—[Keystone Correction Upon Startup]
**Function description:**
This function is enabled by default and supports an automatic calibration when the machine is turned on.

## 4.2 Keystone Calibration

**Function path:**
[Settings]—[Projector]—[KeystoneCorrection]—[Keystone Correction Settings]—[Keystone Calibration ]
**Function description:**

If you notice any abnormalities in the product's keystone correction, you can recalibrate by clicking this function to enter the calibration interface and follow the on-screen instructions.

## 4.3 Smart Object Avoidance（Only for N1S Pro & N1S Ultra&N1S Ultimate）

**Function path:**
[Settings]—[Projector]—[KeystoneCorrection]—[Keystone Correction Settings]—[Smart Object Avoidance]
**Function description:** This setting is off by default, and supports the machine to automatically avoid obstacles in the projection screen, when enabled.

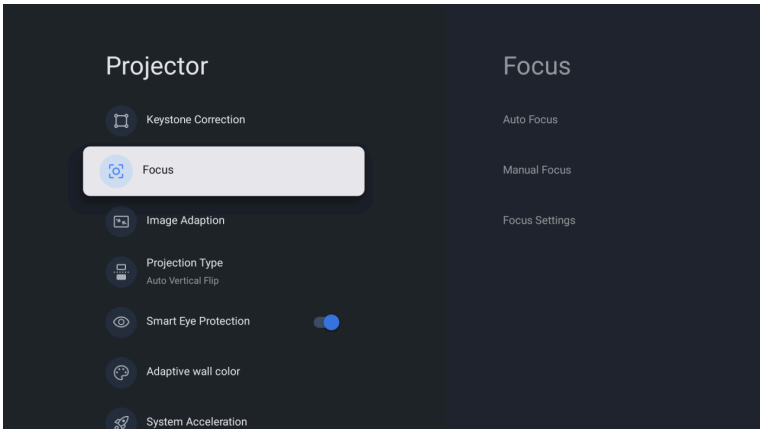
## 4.3 Auto Screen Fitting

**Function path:**
[Settings]—[Projector]—[KeystoneCorrection]—[Keystone Correction Settings]—[Auto Screen Fitting]
**Function description:**
This setting is off by default, and supports the machine to automatically align the screen, when enabled.

### 4.3.1 Smart Screen Alignment(Only for N1S)

**Function path:**
[Settings]—[Projector ]—[Smart Screen Alignment]
**Function description:**
To access this function, you need to download and install the “JMGO APP”. Click on [Smart Screen Alignment], use your phone's camera to take a photo for recognition, and upload it to the machine. The machine will then receive the command to automatically align the projected image with the screen.

# Focus




# 1.Auto Focus

**Function path:**
[Settings]—[Projector]—[Focus]—[Auto Focus]
**Function description:**

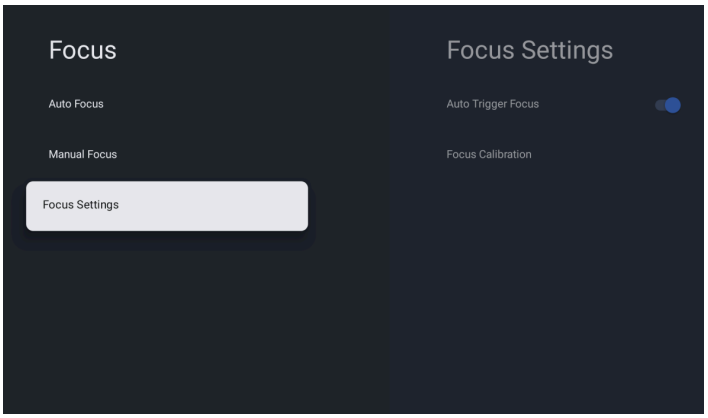
This setting supports the machine to do autofocus.

## 2. Manual Focus

**Function path:**
[Settings]—[Projector]—[Focus]—[Manual Focus]

**Function description:**
This setting supports manual focus.

## 3. Focus Settings




### 3.1 Auto Trigger Focus

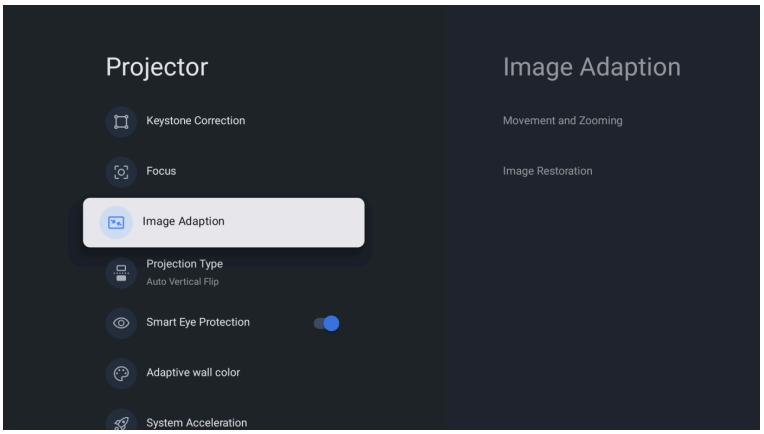
**Function path:**
[Settings]—[Projector]—[Focus]—[Focus Settings]—[Auto Trigger Focus]
**Function description:**
This setting is enabled by default, the machine will not be able to autofocus when disabled.

### 3.2 Focus Calibration

**Function path:**
[Settings]—[Projector]—[Focus]—[Focus Settings]—[Focus Calibration]
**Function description:**

This setting is off by default, the machine will do focus calibration when enabled.

# Image Adaption




# 1.Movement and Zooming

**Function path:**
[Settings]--[Projector]--[ImageAdaption]--[Movement and Zooming]
**Function description:**
This setting supports zoom, pan and rotate of the projected screen.

# 2.Image Adaption

**Function path:**
[Settings]—[Projector]—[Image Adaption]—[This conversation is no longer accessible.
]
**Function description:**
This setting supports the initial of the current projection screen.

# Projection Type

**Function path:**
[Settings]—[Projector]—[Projection Type]
**Function description:**
This setting supports selecting the corresponding projection screen according to the location.

# 1.Auto Vertical Flip

**Function path:**
[Settings]—[Projector]—[ProjectionType]—[Auto Vertical Flip]
**Function description:**
This setting is enabled by default, when the projector is turned over for ceiling, the projected screen can be automatically flipped.

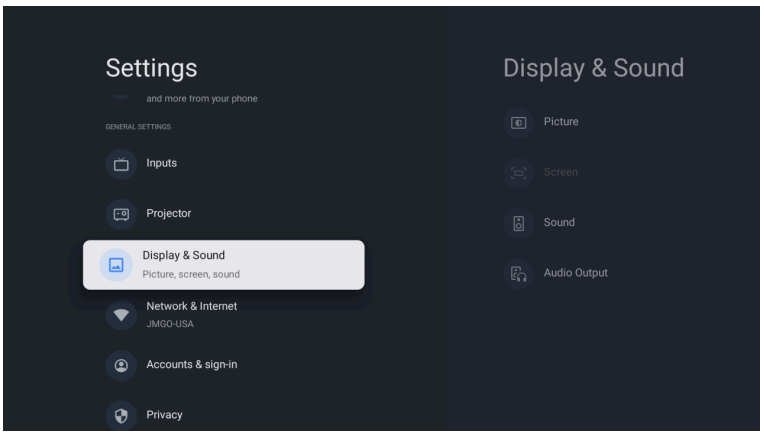
# Smart Eye Protection

**Function path:**
[Settings]—[Projector]—[Smart Eye Protection]
**Function description:**
This feature is enabled by default with the default setting at [Middle]. You can adjust the eye protection sensitivity to your preference. When someone enters the projection screen, it automatically turns off to protect the eyes.

# Adaptive wall color（Only for N1S Pro & N1S Ultra&N1S Ultimate）

**Function path:**
[Settings]—[Projector]—[Adaptive wall color]
**Function description:**
After enabling this feature, the system will calibrate the image colors to harmonize with the wall color.

# Display & Sound



# Picture

**Function path:**
[Settings]—[Dashboard]—[Picture]/[Settings]—[Projector]—[Display&Sound]—[Picture]

# 1. Brightness

**Function path:**
[Settings]—[Dashboard]—[Picture]—[Brightness]
**Function description:**
This setting supports the adjustment of brightness, which can be selected from 1 to 10 by using the left and right buttons of the remote control, and the default brightness is 10.

# 2. Adaptive Brightness（Only for N1S Pro & N1S Ultra&N1S Ultimate）

**Function path:**

[Settings]—[Dashboard]—[Picture]—[Adaptive Brightness]
**Function description:**
This feature is turned off by default. When enabled, it supports automatic adjustment of the projector brightness according to ambient light.

# 3. Picture Mode

**Picture modes include:**
[Vivid], [Standard], [Movie], [Game], [Office], and [User], which respectively achieve the highest color gamut (BT2020) with a three-color laser, DCI-P3 color gamut effect, best fidelity, lowest latency, most suitable for office environments, and user-defined effects.

## 3.1User picture mode

**Function path:**
[Settings]—[Dashboard]—[Picture]—[Picture Mode]-[User]-[Advanced Settings]

**Function description:**
The picture mode is set to [Standard] by default and must be manually switched to [User]. Under the [User] mode, picture adjustments can be made within [Advanced Settings], including picture mode, contrast, saturation, hue, sharpness, gamma, color temperature, HDR, 3D, advanced video, color calibration, 11-point white balance, and restore defaults.
**Gamma:** Adjusts the overall transition from white to gray to black.
**HDR:** Stands for High Dynamic Range, enhancing contrast when enabled.
**3D Left-Right Inversion:** Used to switch the effect between the left and right eyes in 3D mode.
**3D Mode:** Switching to 3D mode is only available when playing 3D videos in full-screen mode.  *Please ensure to select the 3D mode that corresponds to the format of your 3D source for playback.

### 3.1.1AdvancedSettings–[MPEG_NR]/[Adaptive Luma Control]/[Local Contrast Control]/[MEMC]

**Function path:**
[Settings]—[Dashboard]—[Picture]—[PictureMode]-[User]—[Advanced Settings]—[MPEG_NR」/[Adaptive Luma Control]/[Local Contrast Control]/[MEMC]

**Function description:**
This function includes adjustment of noise reduction, global & local contrast and motion compensation respectively.

## Sound

**Function path:**
[Settings]—[Display&Sound]—[Sound]—[Sound Style]/[Speakers]/ [Downmix Mode]
**Function description:**
By enabling this feature, you can select from multiple Sound Styles (the default option is [Standard]): [Standard], [Music], [Movie], [Sports], as well as turn off Speakers, and choose [Downmix Mode].

## Audio Output

**Function path:**
[Settings]—[Display&Sound]—[Audio Output]—[Digital Output]/[Digital Output Delay]
**Function description:**
This feature supports selecting various audio output options: [Auto], [Bypass], [PCM], [Dolby Audio-DD+], [Dolby Audio-DD], and adjusting the audio output delay.

# Shortcut setting of HDMI (Including CEC)

**Function path:**
[Settings]—[Dashboard]-[Inputs]—[HDMI]/[Press Menu Button：Input source]—[Inputs]
**Function description:**
This feature allows for quick settings operations via the remote control's menu button after entering a specific HDMI channel, including switching between HDMI1 and HDMI2.
*The CEC function is forcibly enabled by default at the system level. You only need to connect an external device that supports the CEC function via an HDMI cable to use it.

# Screen casting instructions

## 1. Chromecast

**Function description:**

Keep the mobile phone and the projector in the same WIFI network, for third-party apps that support Chromecast, select the projector device（Device name）to cast the screen.

*Due to copyright restrictions, certain content cannot be cast to the projector. You can stream the content on the projector by installing the same application on it.

## 2. Screen Mirroring via AirScreen

**To cast the device screen:**
You can project the entire screen from your device to the projector.
1. Ensure that both your device and the projector are connected to the same wireless network.
2.Install the AirScreen app on the projector.
3.Open the AirScreen app and follow the on-screen instructions to complete the process.

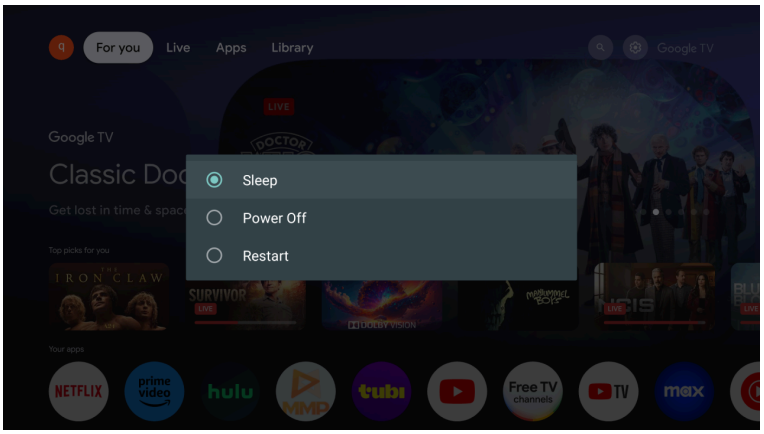
# Google Assistant

**Function description:**
Press and hold the Google Assistant voice button on the remote control to voice control until a text command after voice recognition appears on the screen, indicating the voice response is successful.

# Shutdown Menu Setup Instructions

**Press and hold the power button of the remote control to call out the shutdown menu setting instructions.**

[Sleep]
[Power Off]
[Restart]




# JMGO APP

## Download and Install of "JMGO App"

• JMGO App is a mobile application for multi-screen interaction with JMGO projector. Using JMGO App can help you obtain better projection experience.
• Mobile phone for remote control—the mobile phone is also a remote control with JMGO App,and the projection remote control is more convenient.

JMGO