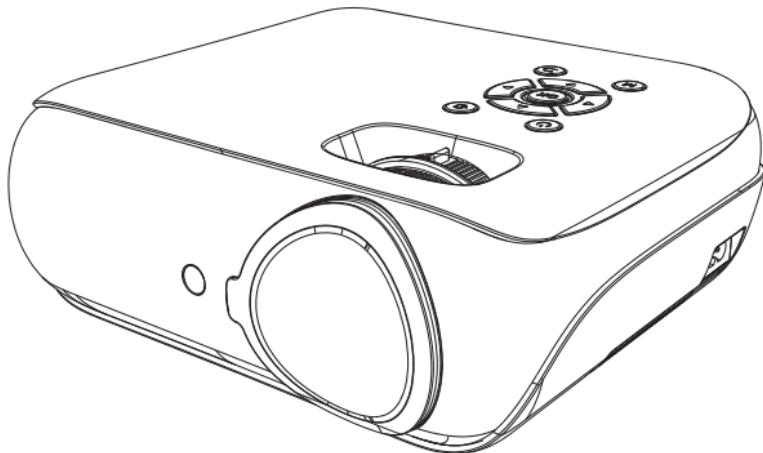


# User Manual

Where Imagination Meets Reality



Model: 510G

Please read this manual carefully  
before using the projector.

# Important Safety Considerations

## Attention:

Thank you for purchasing this series of video projectors.

Please read through this User's manual for proper use of this product.

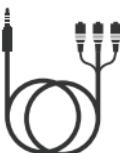
### Friendly Reminder:

- 1 Do not look directly into the lens while the projector is running, as strong light may damage your eyes.
- 2 Do not block the air outlet to prevent the projector from cooling down because internal electronics are damaged.
- 3 Keep the projector and accessories out of the reach of children.
- 4 Please make sure that the working environment of the projector is dry and ventilated.
- 5 To prevent electric shock, please keep the projector out of the rain and away from moisture, it is recommended to switch off the projector after it has run for 6 hours non-stop.
- 6 Do not press hard on the projector, as it may damage the product.
- 7 Do not throw, hit, or shake the projector to avoid damaging the circuit board.
- 8 Any questions after receiving the projector, please contact us, we will quickly and correctly solve your problem within 24 hours and give you a satisfactory answer.

## Package Contents



Power Cord \*1



AV Cable \*1



HDMI Cable \*1

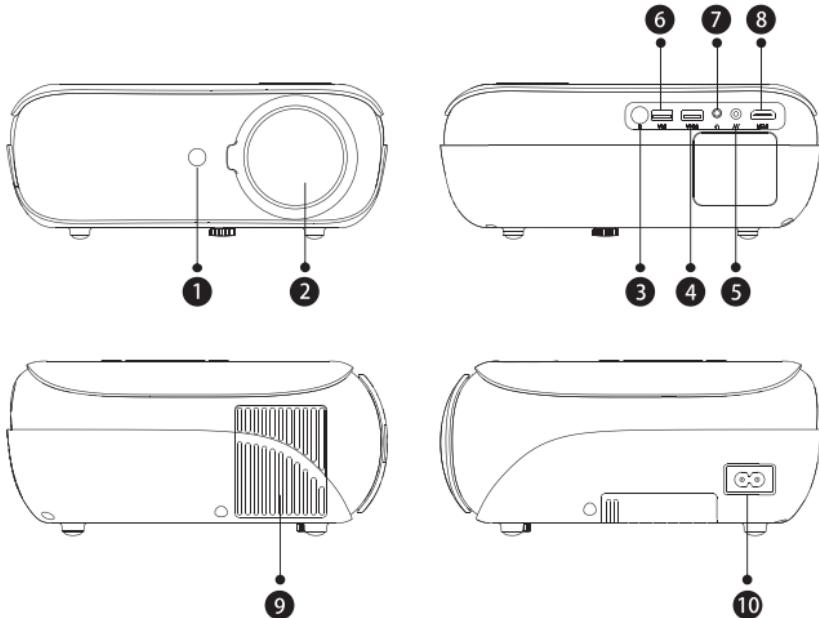


Remote Control \*1



User Manual \*1

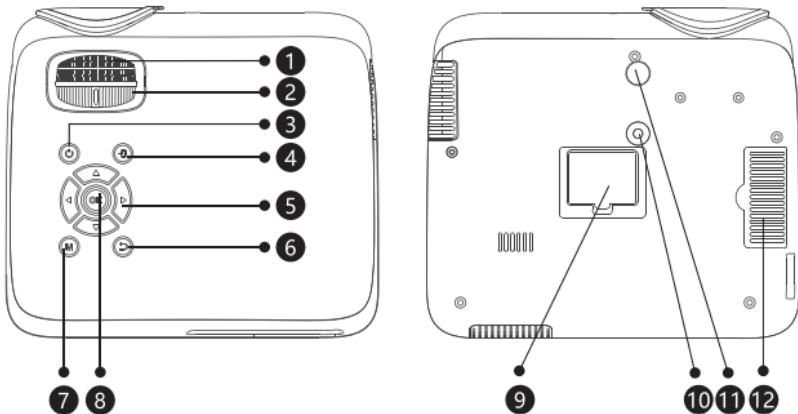
# Projector Description



- 1. IR Receiver
- 2. Lens
- 3. IR Receiver
- 4. USB2 Port
- 5. AV Port

- 6. USB Port
- 7. Headphone Jack
- 8. HDMI Port
- 9. Cooling Window
- 10. Power Jack

# Projector Description



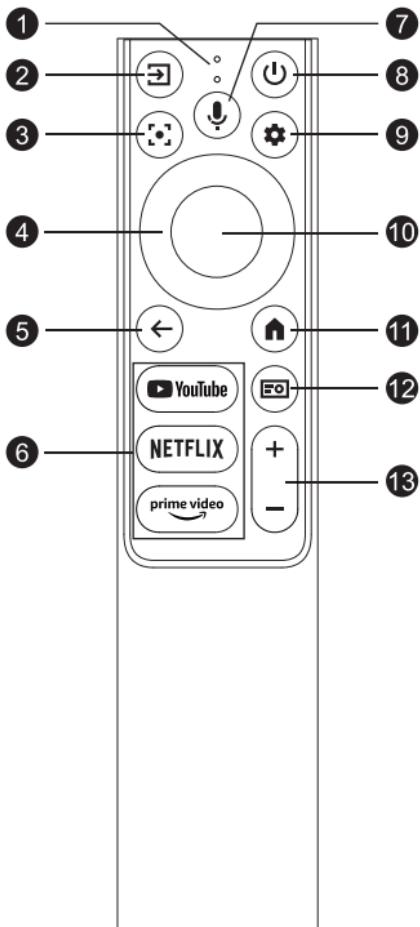
1. Focusing
2. Keystone Correction
3. Power Key
4. Source Key
5. Arrow Keys
6. Return Key
7. Menu Key
8. OK Key

## 9. Bottom Label

(Tear off the bottom sticker, you can remove the bottom dust cover to clean up the dust)

10. Hole for Stand(1/4 inch)
11. Height Adjustment Machine Feet
12. Dust-Proof Net

# Remote Control Button Function



\* Please install 2 AAA batteries (not included) into the remote control before use.

## 1. Indicator Light

## 2. Input Source

Press to choose from input sources

## 3. Pro Four Point Trapezoid

## 4. Navigation

Control cursor on the screen

## 5. Back

Return to previous page

## 6. Streaming Apps

Jump to video streaming pages

## 7. Google Assistant

Press and hold and talk

## 8. Power

Press to power on/switch to standby mode / wake up /press and hold for 3s to power off

## 9. Settings

Press to access dashboard

## 10. OK

Confirm a selection/pause/resume

## 11. Home

Access homepage

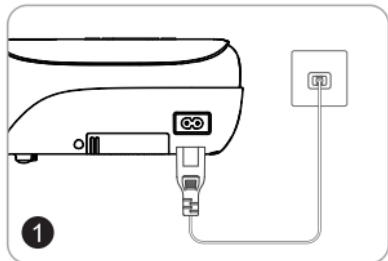
## 12. Projector Setting (Shortcut)

Access projector setting shortcut menu

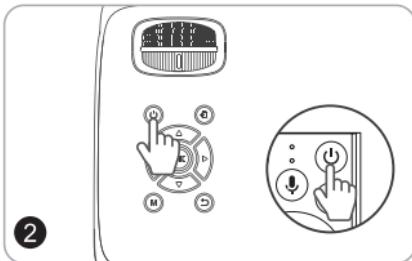
## 13. Volume +/-

# Power/Focus/Keystone Correction

## Power On/Off



Take off the lens cover.  
Connect the power adapter to an outlet.



Press the Power Button to turn on the projector; or press and hold the Power Button for 3s to turn off the projector.

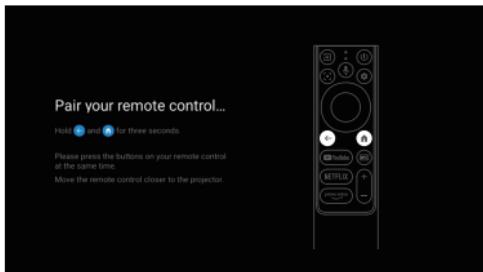


### Note:

Please use the power cable provided in the box to prevent product damage.

## Remote Control Pairing

Turn on the projector and wait for the pairing prompt on the screen. Bring the remote control within 0.33 ft/0 cm of the projector, then simultaneously press and hold the  $\leftarrow$  and  $\textcircled{a}$  buttons. Wait for the pairing to complete.



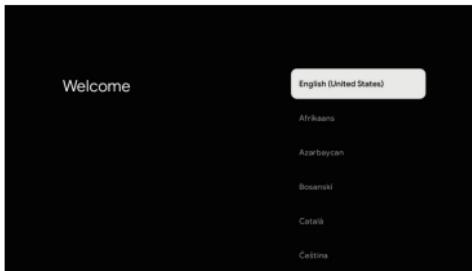
### Tip:

We recommended pairing the remote control with the projector via BT before use. If you skip this, you can go to Homepage > Dashboard  $\textcircled{a}$  > Settings  $\textcircled{a}$  > Remotes & Accessories to pair the remote control via BT later.

# Power/Focus/Keystone Correction

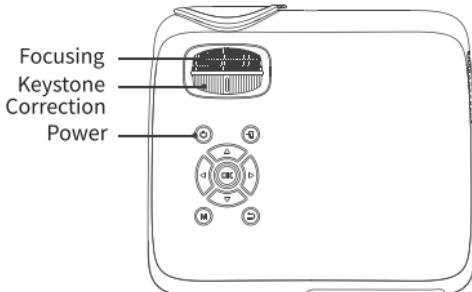
## Setup Wizard

Follow the setup wizard to choose your preferred language, select the correct region, sign in with your Google account or set up basic TV.



## Focus

Let the projector be perpendicular to the wall, with the Focusing button to make the picture clear. When focusing, you can broadcast programs to help you finish focus.



## Keystone Correction

In different angle you put the projector, the projection will Deformation like a trapezoid, use the keystone correction to make it correctly.

## Manual Keystone Correction

Go to Homepage > Dashboard > Settings > Projector > image Correction > Manual Keystone Correction to manually correct the image shape by four points

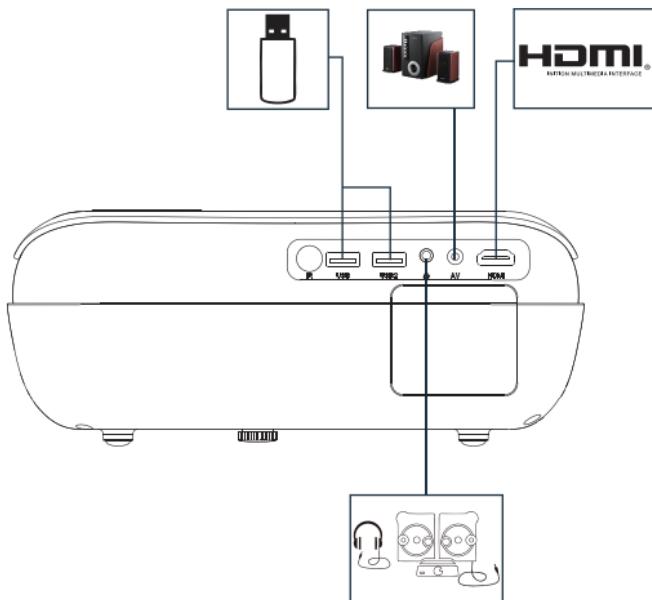


## Image Scaling

Go to Homepage > Dashboard ⌂ > Settings ⌂ > Projector > Image Correction > Zoom & Shift > Zoom to reduce or enlarge the image size



# Connection



Add: Different brand laptop output keys are as follows:

Lenovo	Fn+F3
Dell	Fn+F8
HP	Fn+F4
ThinkPad	Fn+F7
Asus	Fn+F8
Acer	Fn+F5
Samsung	Fn+F4
Sony	Fn+F7

Fujitsu	Fn+F10
Haier	Fn+F3
NEC	Fn+F3
Panasonic	Fn+F3
Sharp	Fn+F5
Hitachi	Fn+F7
TOSHIBA	Fn+F5

The user of windows 7 or over windows 7. Simply press the +P, select "copy" to connect. If the operation above is invalid, please update the computer graphics driver.

# Connecting

## 1. Connect a USB Drive

- ① Different from other devices, when you connect a USB drive, you don't need to click "③" to select the USB signal source, directly select the file you want to play on the main menu.
- ② To play a video stored in a USB drive, select "Movie" on the main menu, and press the "OK".
- ③ To play a movie, music or photo stored in a USB drive, select "Photo" / "Music" / "Movie" on the main menu, and press the "OK".
- ④ For Basic TV, go to Homepage and select IMPlayer to locate and play the file.

## 2. Connect AV Video Devices

- ① Use the 3 in 1 video cable (included in the package) to connect with AV.
- ② Choose the media signal channel: "AV".

## 3. Connect 3.5mm Audio Devices

Support 3.5mm earphones and other cable sound devices.

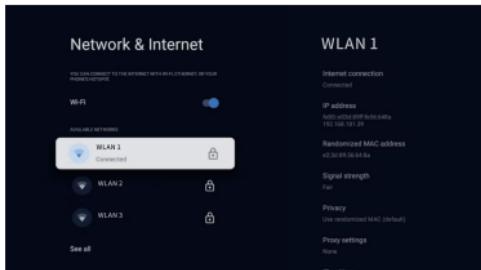
**USB Connection:** insert the disk. Then go to Homepage > Apps and select IMPlayer under Your apps tab to locate and play the file.

**HDMI Connection:** Connect the device. Then press input button on the remote control or go to Homepage > Dashboard ④ > Inputs and select HDMI.

**Wired Speaker and Headphones Connection:** Not required to select any input source

## WIFI Connection

You can connect your projector to your router's WiFi by going to Homepage > Dashboard ④ > Settings ④ > Network & Internet.



## Google Assistant

Your TV is more helpful than ever. Use your voice to find movies, streaming apps, play music and control the TV. Ask Google Assistant to find a specific title, search by genre, or get personalized recommendations. Even get answers on screen, control smart home devices, and more. Press the Google Assistant button on the remote to get started.



## Google Cast™

Google cast is a platform that lets you stream your favorite entertainment from your phone, tablet or laptop right to your projector. Easily control your TV with apps you already know and love from your iPhone®, iPad®, Android™ phone or tablet, Mac® or Windows® laptop, or Chromebook.

### 1. Google Cast

Google Cast-enabled app:

Happrun projectors work with Google Cast which allows you to stream entertainment from your favorite apps to the TV.

- ① Connect your device and the projector to the same wireless network.
- ② Open the streaming app on your device.
- ③ Play a video and tap the casting icon  on the video screen.
- ④ Select "510G" to connect. The projector will display the video from your device.

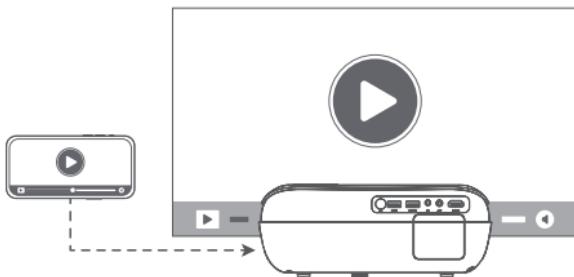
\* Due to copyright restrictions, certain content cannot be cast to the projector. You can stream the content on the projector by installing same applications from the Apps tab.

# Connecting

## 2. How to use the AirScreen App

You can mirror the entire screen from your device onto the projector screen.

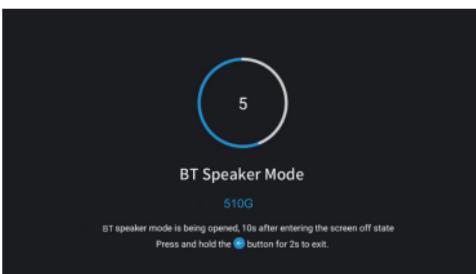
- ① Ensure that both your device and the projector are connected to the same wireless network.
- ② Install AirScreen - AirPlay & Google Cast is available on your projector.
- ③ Open AirScreen app and follow the on-screen instructions to complete the process.



## BT Speaker Mode

You can use this projector as a BT speaker by connecting your mobile device to it through a BT connection.

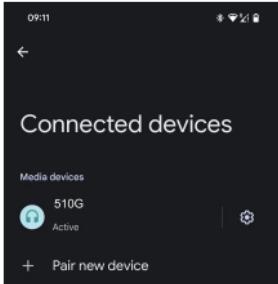
**Step 1:**  
Go to Homepage > Dashboard  > Settings  > Projector > BT Speaker Mode to make the projector ready for a BT connection.



# Connecting

## Step 2:

Access your mobile device's BT settings and activate BT. Search for 510G in the available devices list to pair your mobile device with the projector.



### Tip:

To exit the BT Speaker Mode, simply press  button on the remote control for 2 seconds.

# Projector Settings

## Image Mode

### 1. Color Temperature

Go to Homepage > Dashboard  > Settings  > Display& Sounds > Picture  
Optional Standard, Vivid, VMovie, VGame, VCustom.

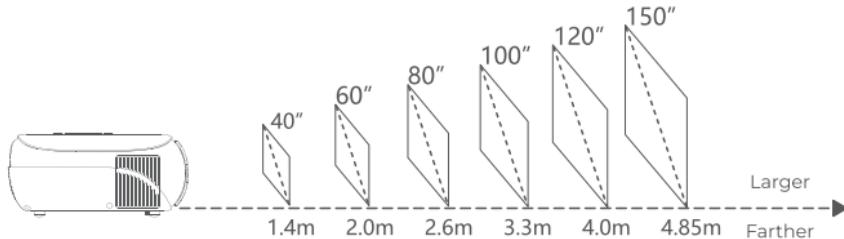
### 2. Reset

Go to Homepage > Dashboard  > Settings  > System > About > Reset to restore the projector to factory settings.

### 3. System & Product Info

Go to Homepage > Dashboard  > Settings  > System > About to check system & product information.

## Projection Distance and Size



\*The recommended projection distance varies with different projection contents. Please adjust the distance between the wall/screen and the projector as needed.

\*Ambient darkness will improve the clarity of the projected images.

\*It is recommended to maintain a distance of 6.6-10.8 feet with an image size ranging from 60 to 100 inches.

# Specification

Model Number	510G
Model Name	LED Projector
Display Technology	LCD
Light Source	LED
Resolution	1920*1080
Input Signal	576i / 576p / 720i / 720p / 1080i / 1080p
Installation Type	Front / Rear / Ceiling
Aspect Ratio	4 : 3 / 16:9
Focus	Manual
Keystone	Electric / Manual
Speaker	5W*1
Power Supply	AC 100-240V, 50/60Hz
Unit Dimension	9.5*8.3*3.8inches (240*210*96mm)
Unit Net Weight	3.45lbs(1.57kgs)
Photo Format Supported	JPEG、 BMP、 GIF、 PNG
Audio Format Supported	MPEG-2/4、 H.264/H.265、 VP8、 HEVC、 MP3、 AAC、 dd+(9630-B)、 E-AC-3WAV、 FLAC
Video Format Supported	MPEG-2/4、 MPEG_HD、 HEVC、 VC1、 AV1、 VP8、 H.264、 HDR10、 MOV、 MKV
Mounting Screws	1/4"(not included)
Input Ports	HDMI in*1,USB*2, AV *1
Operating System	Google TV 11.0
Output Ports	3.5mm headphone
Bt Version	BT 5.1
Working Temperature	0~35°C

## Troubleshooting Guide

1. The copyrighted content from Hulu, Netflix, and similar services can not be mirrored or cast

\* This projector offers a range of pre-installed streaming apps that are officially licensed. You can go to the homepage > Apps, search for the app, and log in to your account to play the content. For casting, refer to the "Google Cast" section.

### 2. Fuzzy Image

\* Adjust the focus or keystone correction of the projector.

\* Make sure the projection distance is in the effective focal range of the projector.

\* Remove the dust or dirt from the lens with a blower or soft-bristled brush.

### 3. Remote control unresponsive

\* Make sure the batteries are installed correctly and not drained.

\* Remove any obstructions between your projector and remote control.

\* Ensure the remote control is successfully paired with projector via BT.

\* Make sure no button is pressed or stuck and check if the power indicator is still on. If yes, please contact customer support or local service center.

### 4. Connect the BT devices

\* Enter Homepage > Dashboard  > Settings  > Remotes & Accessories to check the BT device list, and connect the device.

### 5. Others

\* Please feel free to contact us at [service.jp@happrunlife.com](mailto:service.jp@happrunlife.com).

## Statement

Google TV is the name of this device's software experience and a trademark of Google LLC. Google, Android, YouTube and Google Cast are trademarks of Google LLC.

 **Dolby Audio**

Manufactured under license from Dolby Laboratories, Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

**NETFLIX**

Netflix is a trademark of Netflix, Inc.

## FCC Statement

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.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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

## ISED Warning

This device complies with industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie 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, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliant with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from body to use the device is 20cm.

L'appareil est conforme aux directives d'exposition aux RF, les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité. La distance minimale du corps pour utiliser l'appareil est de 20cm.

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.

Operation of this device in the band 5150-5250 MHz is restricted to indoor use only. Le fonctionnement de cet appareil dans la bande 5150-5250 MHz est limité à une utilisation en intérieur uniquement.

## **TOP SERVICE:**

**Any questions about this item, please**



**1-888-986-2646**



**service.jp@happrunlife.com**

