Manuals+ — User Manuals Simplified.

DBPOWER L23 5G WiFi Bluetooth Projector User Manual

Contents

DBPOWER L23 5G WiFi Bluetooth Projector

Notice

1. Not recommended for PPT, Excel, Word presentations.
2. Change your PC/laptop screen resolution to 1280*720 for the best clarity.
3. Please note that it is suitable for use only in a totally dark environment.
4. Dolby Audio is NOT supported.

FCC Statement

This device complies with part 15 of !fie FCC rules. Operation is subject to !fie following two conditions

1. This device may no1 cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or interference caused by unauthorized modifications or change to this equipment. Such modification's or change could void the user's autflortty to operate !fie equipment.

- This equipment has been tested and found to comply wistful the limits for a Class B digital device, pursuant to part 15 o1 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, not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee !flat interference will not occur in a particular installation. If Tiflis equipment does cause handful interference to radio or television reception, which can be detennined 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 !fie equipment and receiver.
- Consult the dealer or an experienced radio/IV technician for help important announcement Important .
- Consult the dealer or an experienced radio/IV technician for help.

RF Warning statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition witflout restriction.

Accessory list

- 1 x AV Signal Cable
- 1 x Remote Control (battery not included)
- 1 x HDMI Cable
- 1 x Power Cable
- 1 x User Manual
- 1 x Warranty Card
- 1 x Operation Guide
- 1 x Adjustable Screw

Safety Precautions

1. Please read the user manual carefully before using the projector.
2. Only use the power cord supplied with this product with an electrical socket that is earthed properly.
3. Please use the same power voltage as marked on the projector.
4. Please do not disassemble the projector by yourself, otherwise it will void your warranty.
5. Please do not look into the lens directly while the projector is turned on, it may cause damage to your eyes.
6. DO NOT block the air vents during the use.
7. Please keep the projector away from water or any other liquid as it is not waterproof.
8. Please do not put the projector in wet or moist conditions to prevent electric shock.
9. Please switch off and unplug the appliance when it is not in use for a long time.
10. Please use the original packaging foam or other anti-shock material when relocating the projector.
11. Please contact the DBPOWER customer support team if you encounter any problem with the projector.
12. This mini projector is covered by the DBPOWER 12-month warranty.
13. Please contact us if you want to know more about the warranty. (The frame, user manual, and packaging are not covered by the warranty)

REMOTE CONTROL

1. Power On/Off
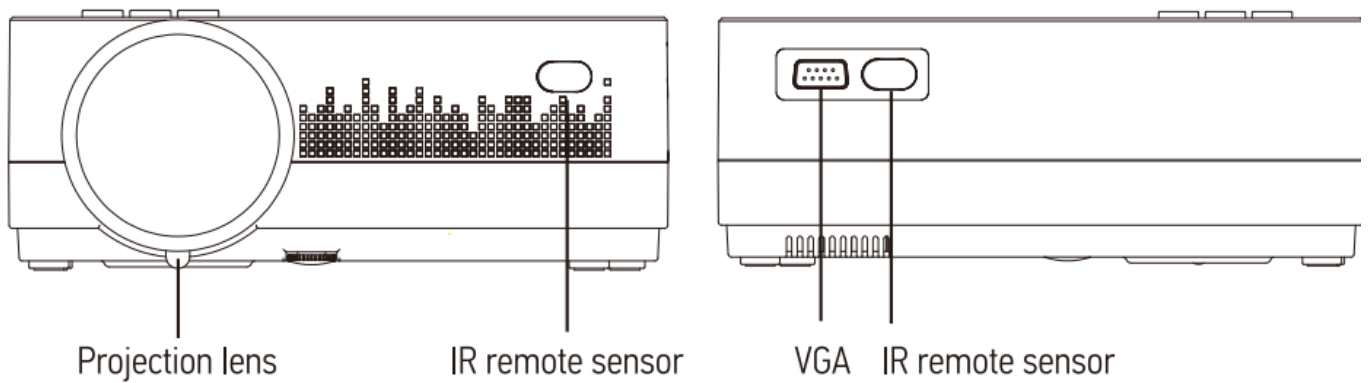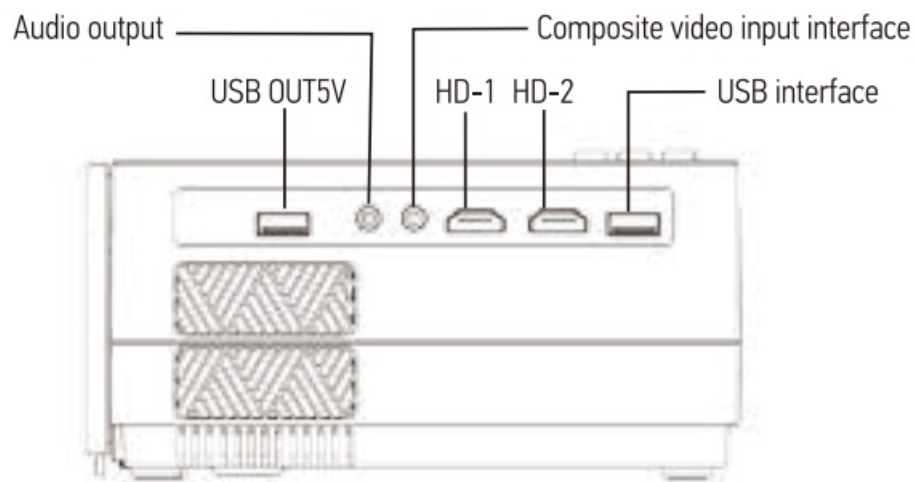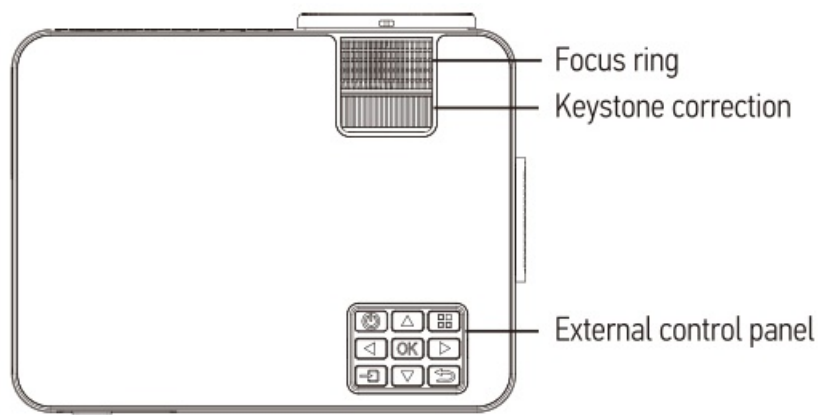2. Mute
3. Source
4. SoundBar Function

5. Setup

6. Direction Buttons

7. Home

8. Menu

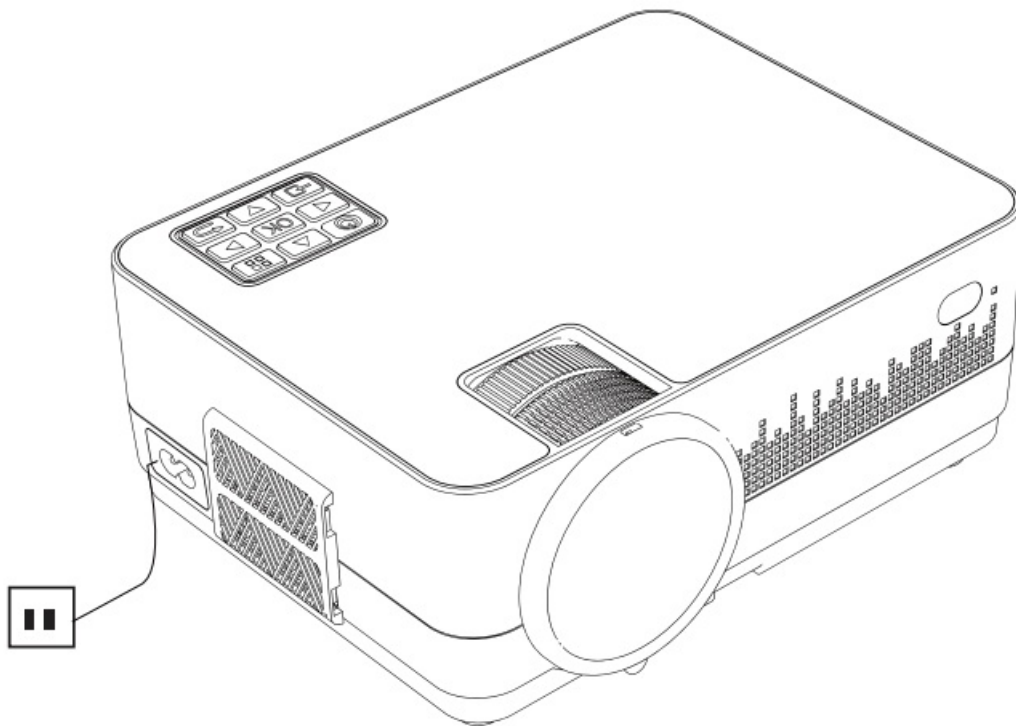9. Return

10. Volume+/-
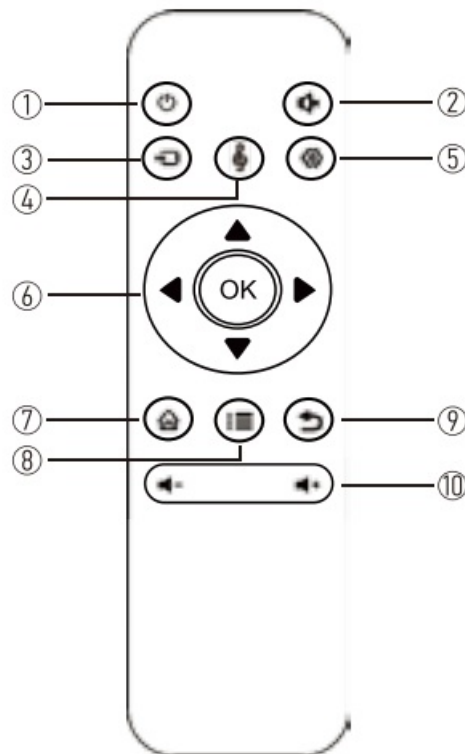
Caution

- Do not submerge the remote control in water.
- Do not expose the remote control to the outdoors, liquid, moisture, excessive heat, or fire.
- Do not use old and new batteries together in the remote control.
- Please take the batteries out if not using the remote control for a long time to avoid battery leakage.
- The remote control must be held perpendicular to the projector's IR remote sensor to function correctly.

PROJECTOR OVERVIEW

Focus ring

Keystone correction

External control panel

Audio output

Composite video input interface

USB OUT5V

HD-1 HD-2

USB interface

Projection lens

IR remote sensor
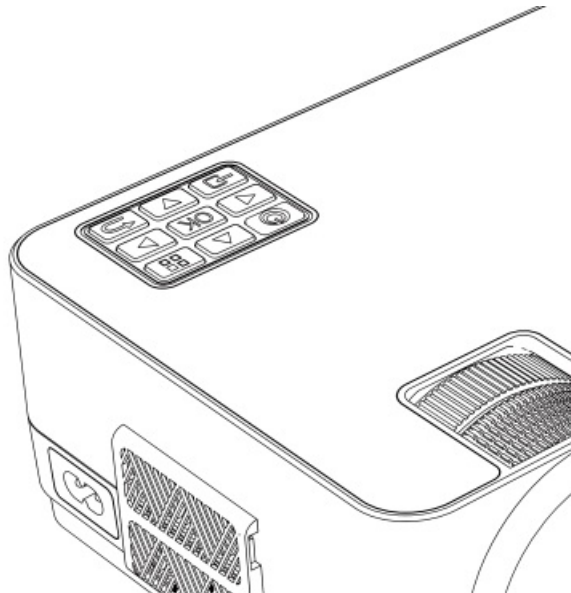
VGA IR remote sensor

Connecting the projector to power

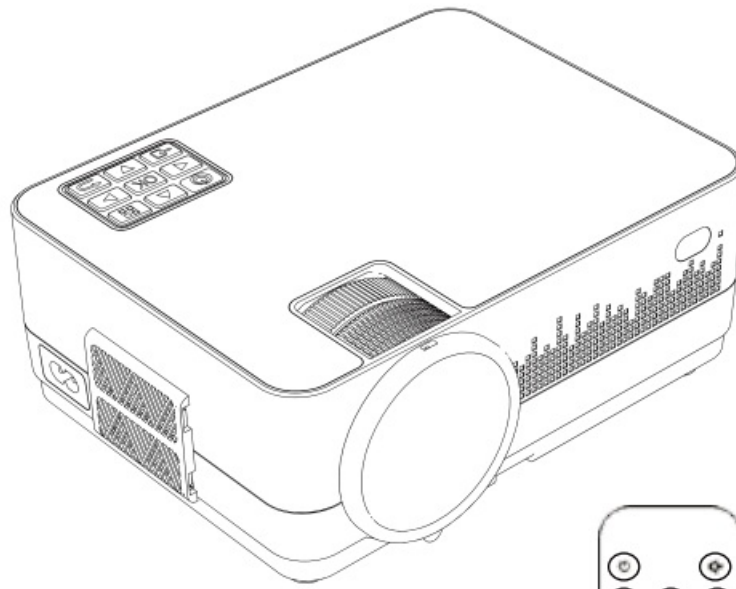- Plug the power cord to the projector.

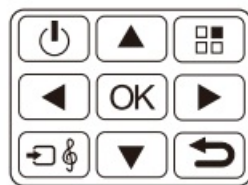- The power indicator on the projector lights up after the power cord has been connected.

Power ON/OFF

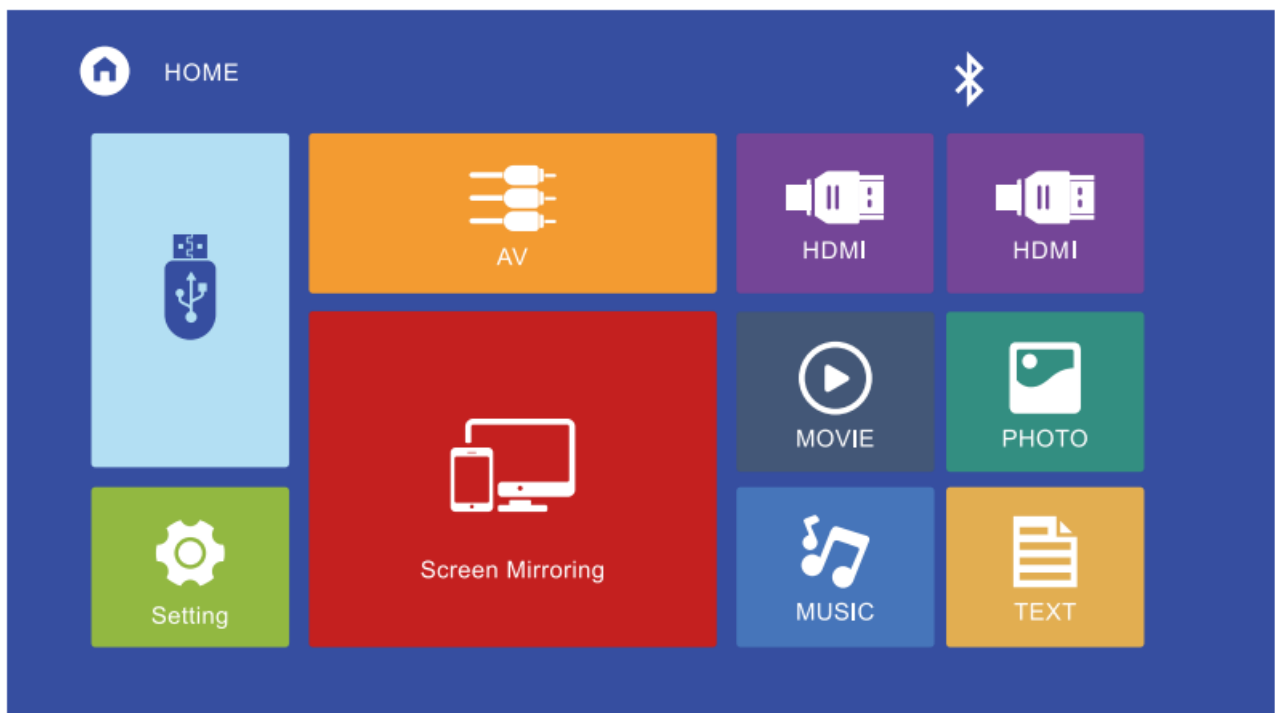Press the " ⏻ " button on the projector or on the remote control to power on.

Projector

External control panel

Remote Control

Multimedia boot screen
The multimedia screen will be displayed in 10-20 seconds after you press the power button.
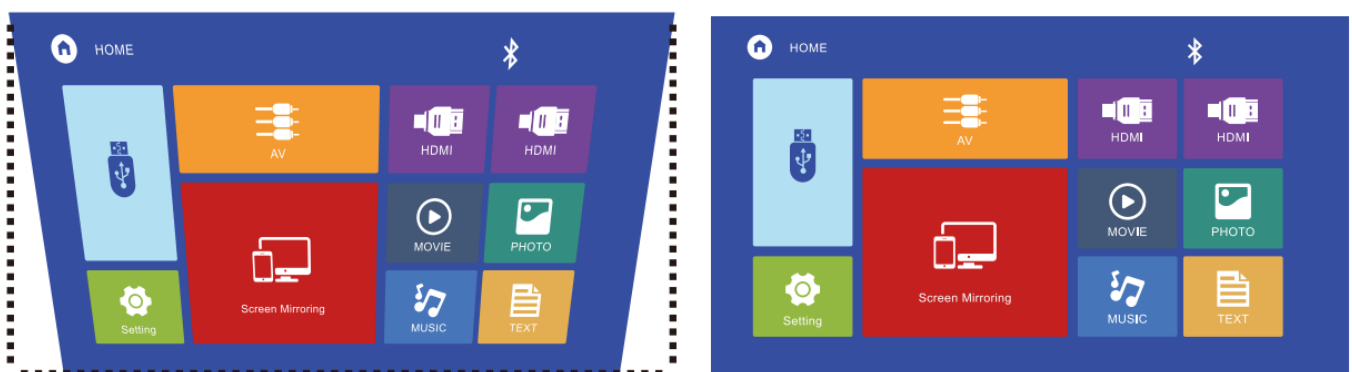

Focus & keystone correction

- If the image is displayed as a trapezoid shape, turn the keystone correction knob on the upper surface of the projector until the projected image becomes rectangular to correct the keystoning issue.
- Make sure the projector is horizontal to the projector screen and rotate the focus ring to sharpen the projected image.
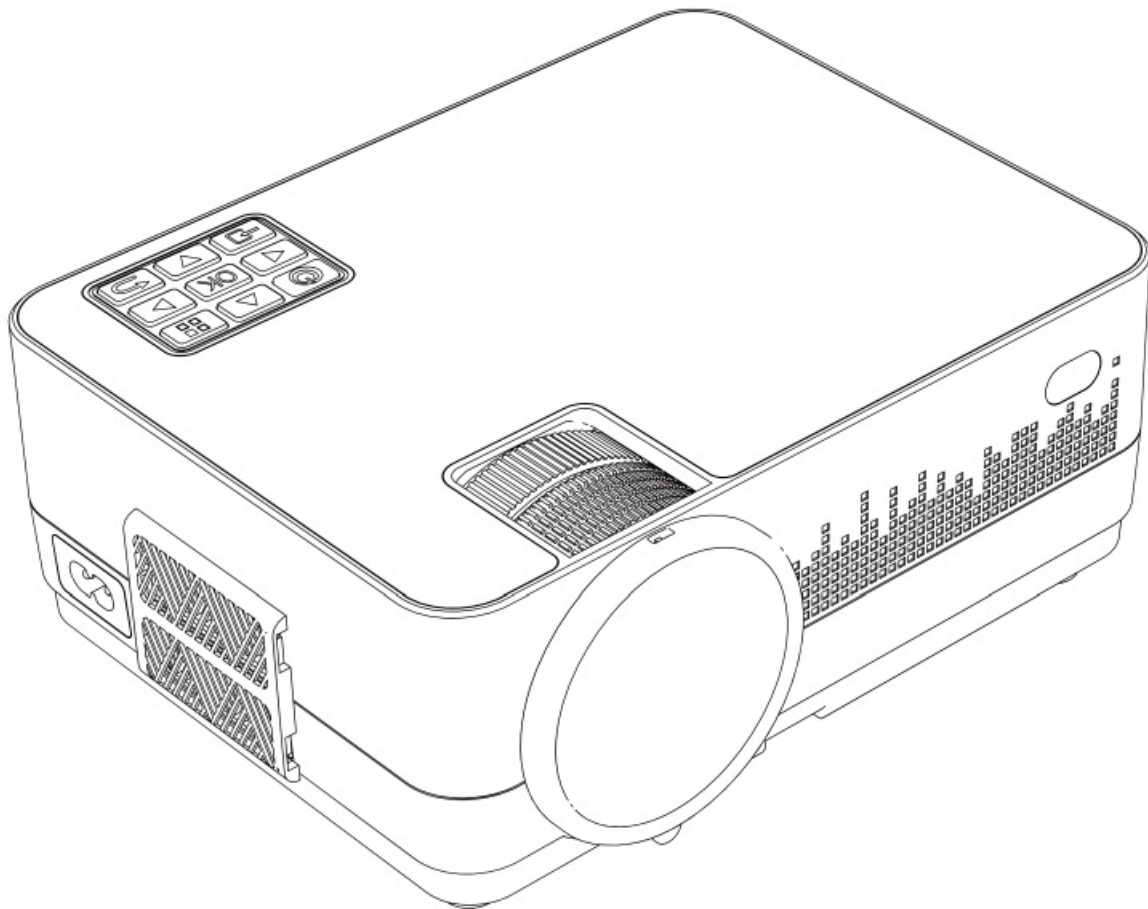

Optical adjustments
The projector corrects the image deformation by the optical keystone correction. See the example below

- However, this projector does not have a horizontal keystone correction function. The projector must be placed horizontally to the projection screen.
- If you encounter the problem as shown above, it is probably because the projector has not been placed horizontally to the projection screen, or the projection screen is not vertically positioned.
- **Solution**: Adjust the projector's position so that it is horizontal to the projector screen

Connections
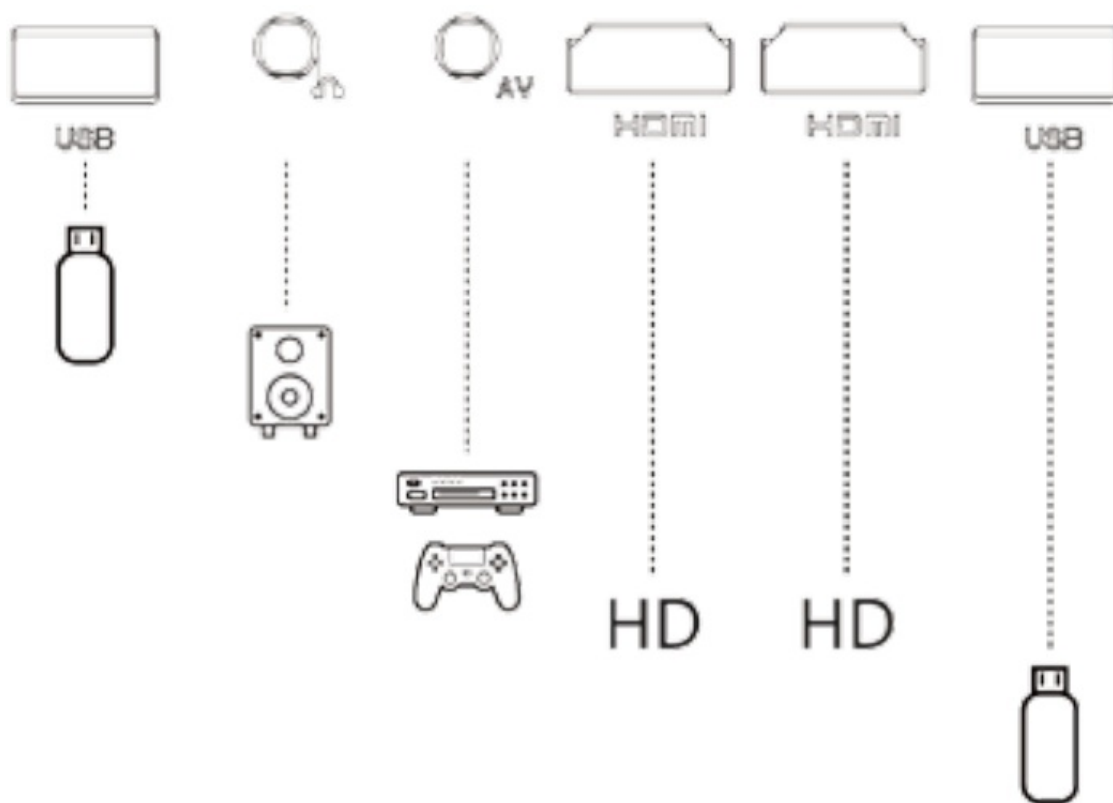
Playing media files from a USB Drive

- Insert a USB storage device into a USB port.
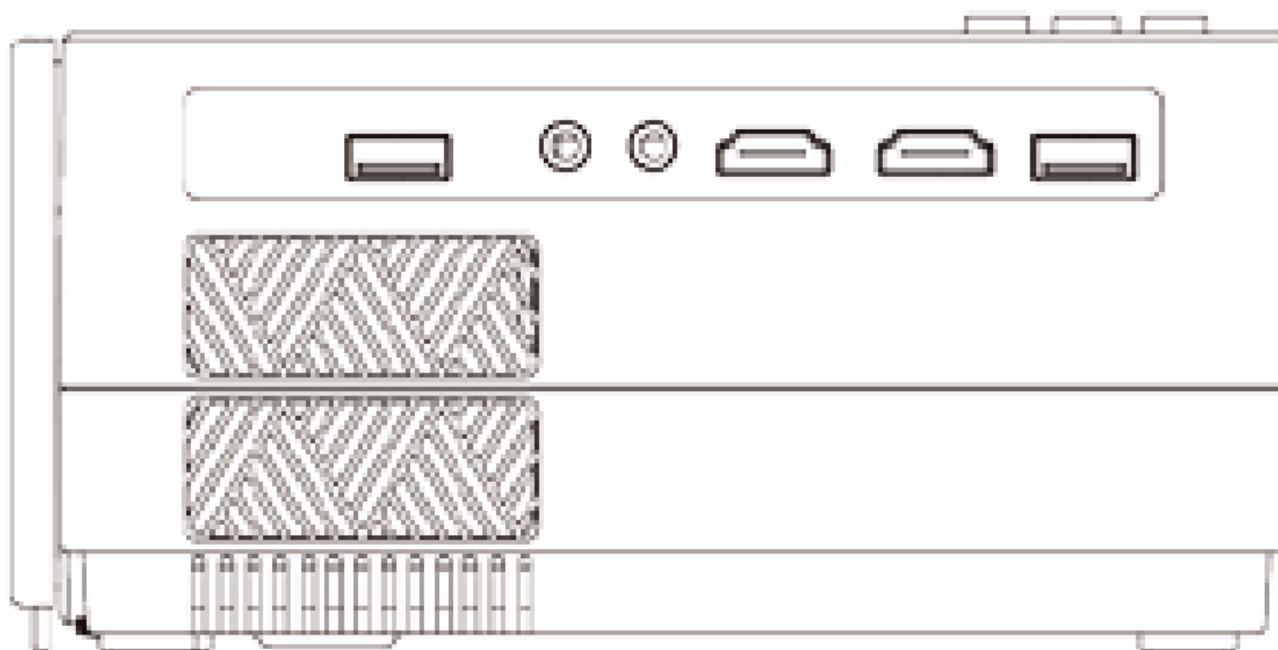
- Pick USB at the Signal Sources menu.

- **Supported multimedia file formats and types**

Multimedia	Audio file	MP3/WMA/OGG/AAC/MA4/FLAC/APE/WAV
	Picture file	JPEG/BMP/PNG
	Video file	MPEG1, MPEG2, FLV, MPEG4, RM, AVI /RMVB, MOV, MKV, DIVX, FVOB M-JPEG (only unspported 640*480)
	Text file	TXT

- Choose the content you need to display: Video/ music/ photo/ text.
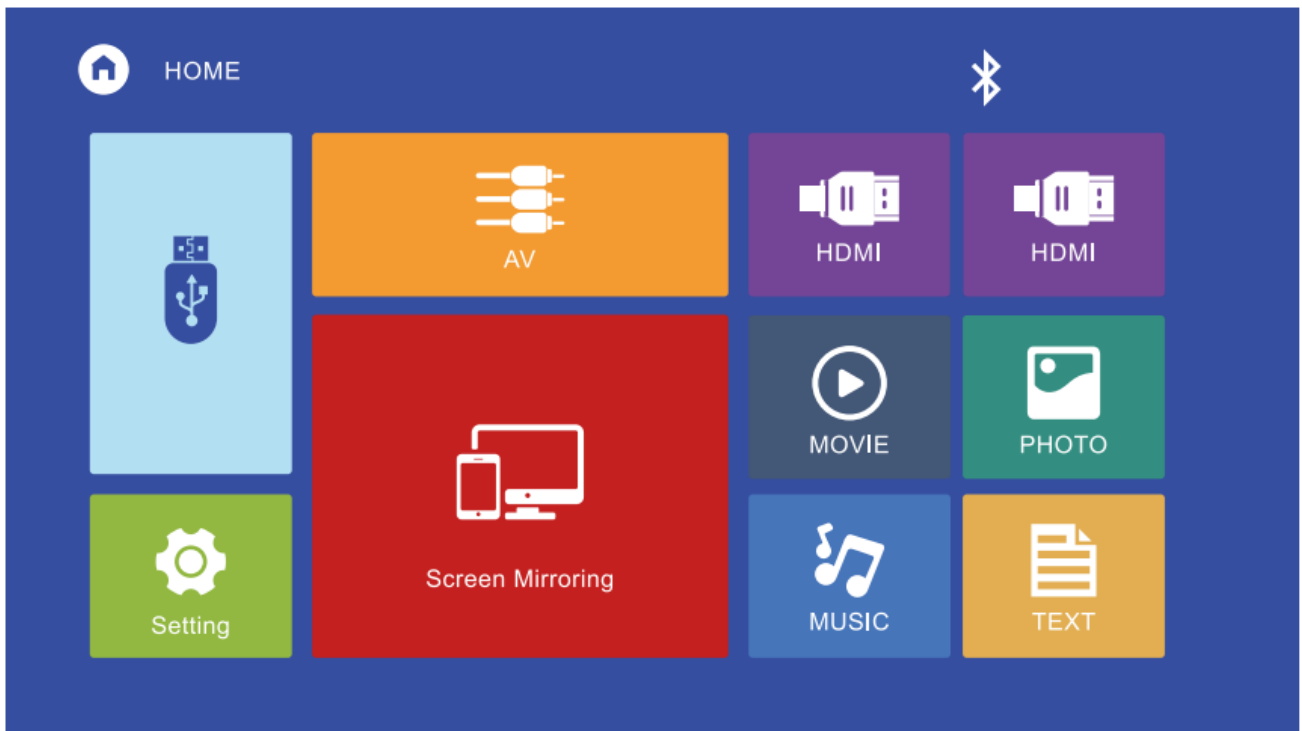
- Choose the file you want to play. Press the ” ▶❚❚ ” key to play or to pause.
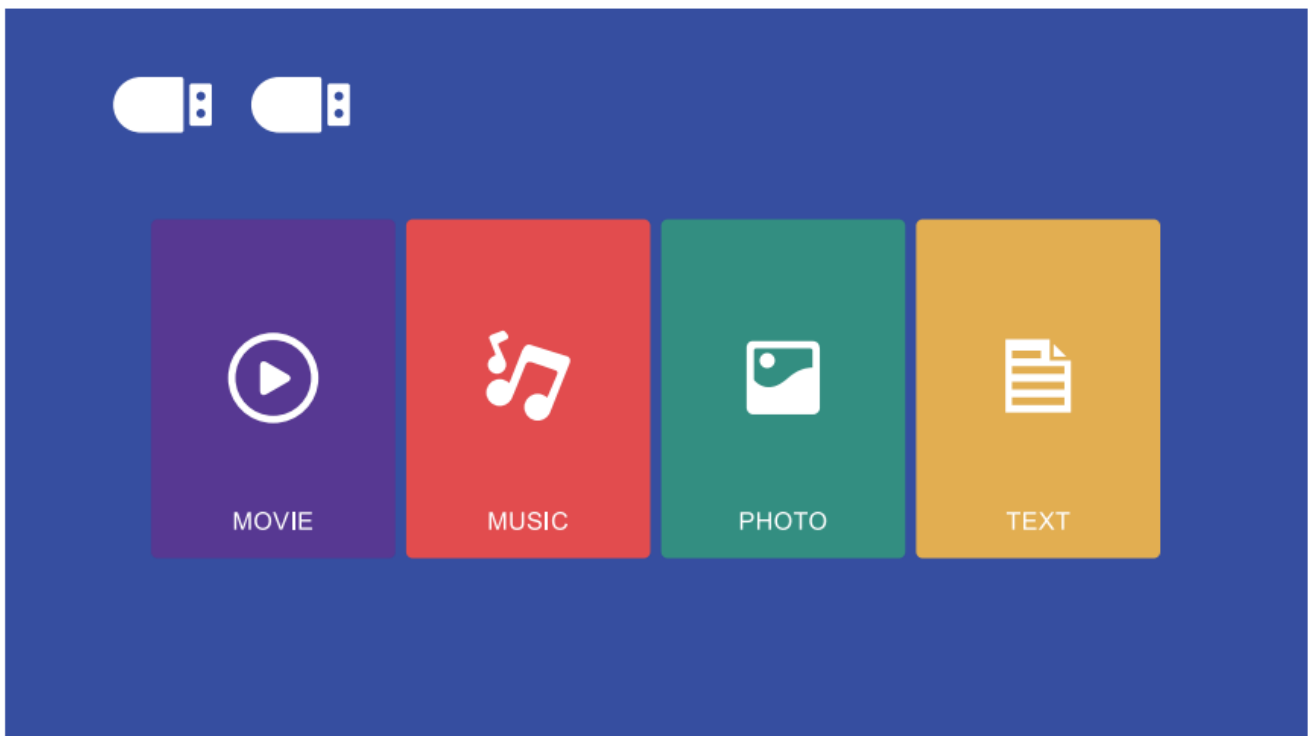
AV video connection

Use a 3-in-1 AV cable to connect to the projector as shown below. Once connected, pick AV at the Signal Sources menu.

Input Source

AV

HDMI 1

HDMI 2

Screen Mirroring

VGA

USB

Supports NTSC/PAL.
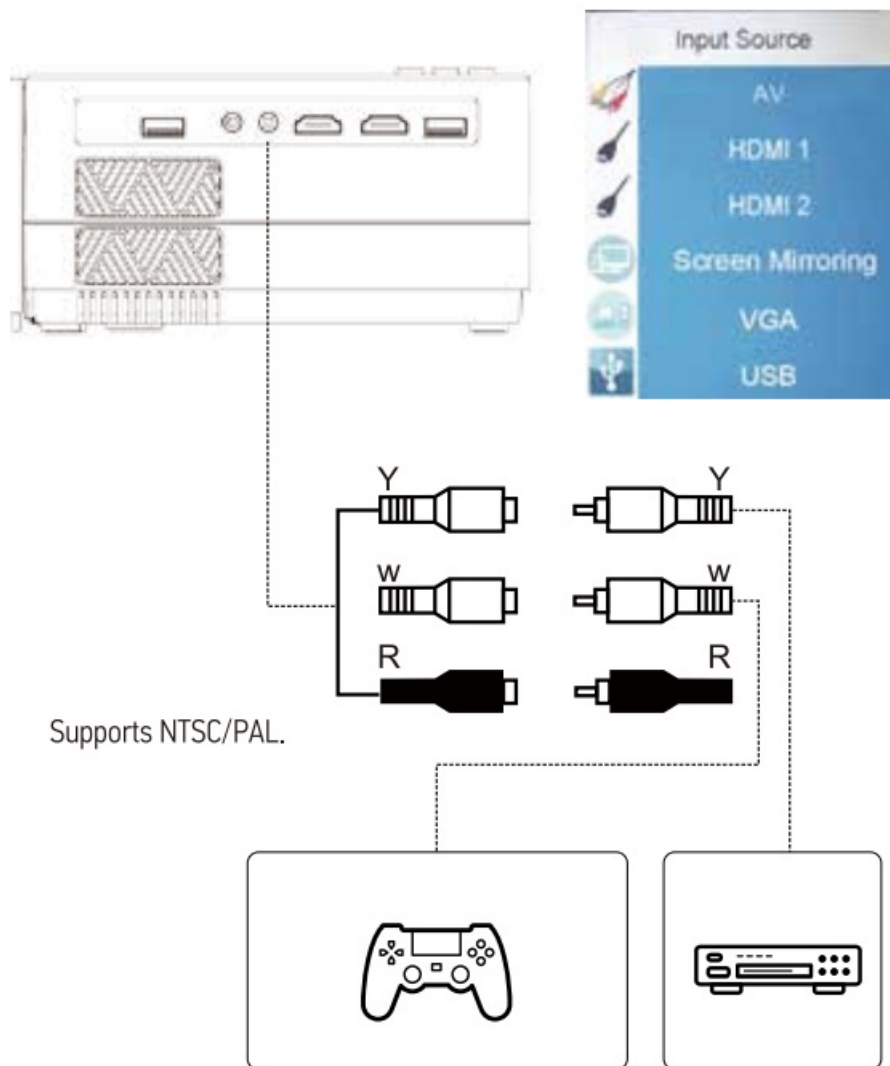
HDMI connection

Use the HDMI slot to connect computers and HDMI compatible devices. Once connected, pick HDMI1 or HDMI2 at the Signal Sources menu.
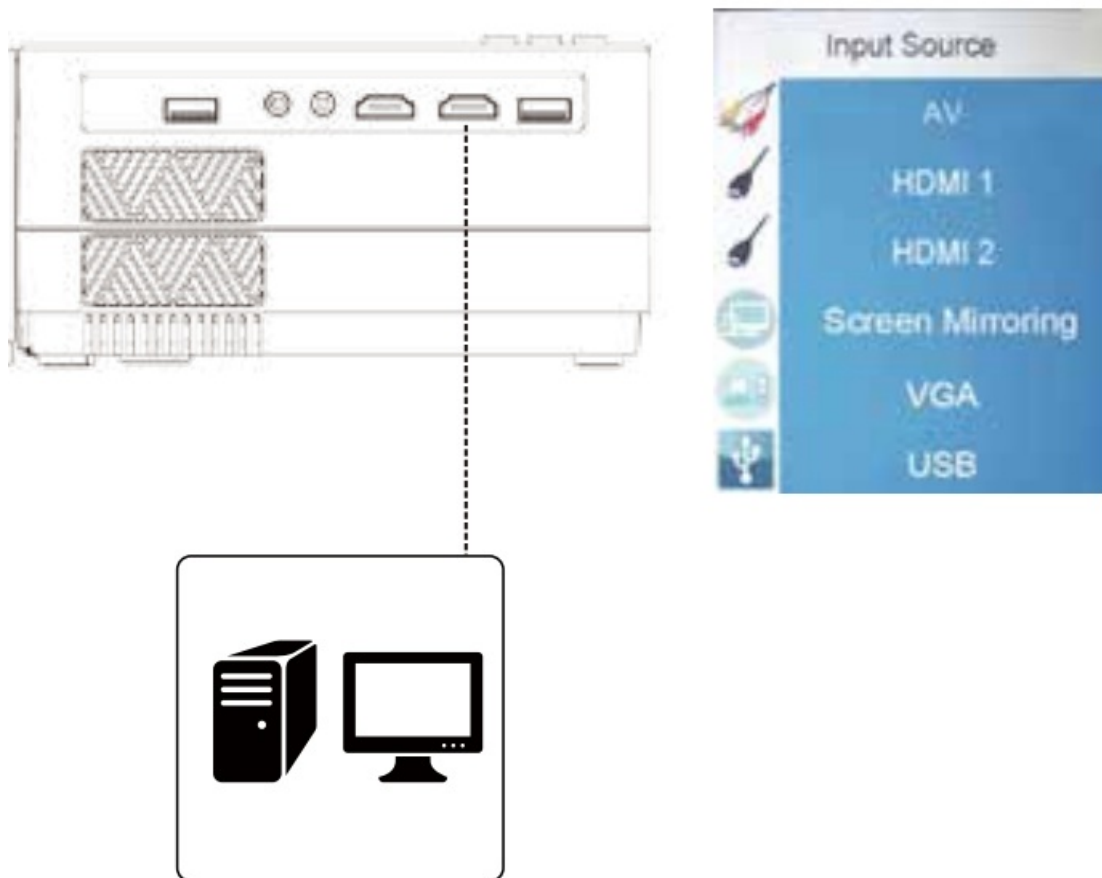
Supported resolutions

576P,480P, 720P, 1080P,640×480,800×600, 1024×768, 1280×1024, 1280×720, 1440×900, 1366×768, 1920×1080, 1280×800, 1440×960,680×1050

3.5mm audio connection

Use a 3.5mm audio jack to connect headphones/speakers. Note: Dolby sound is not supported.
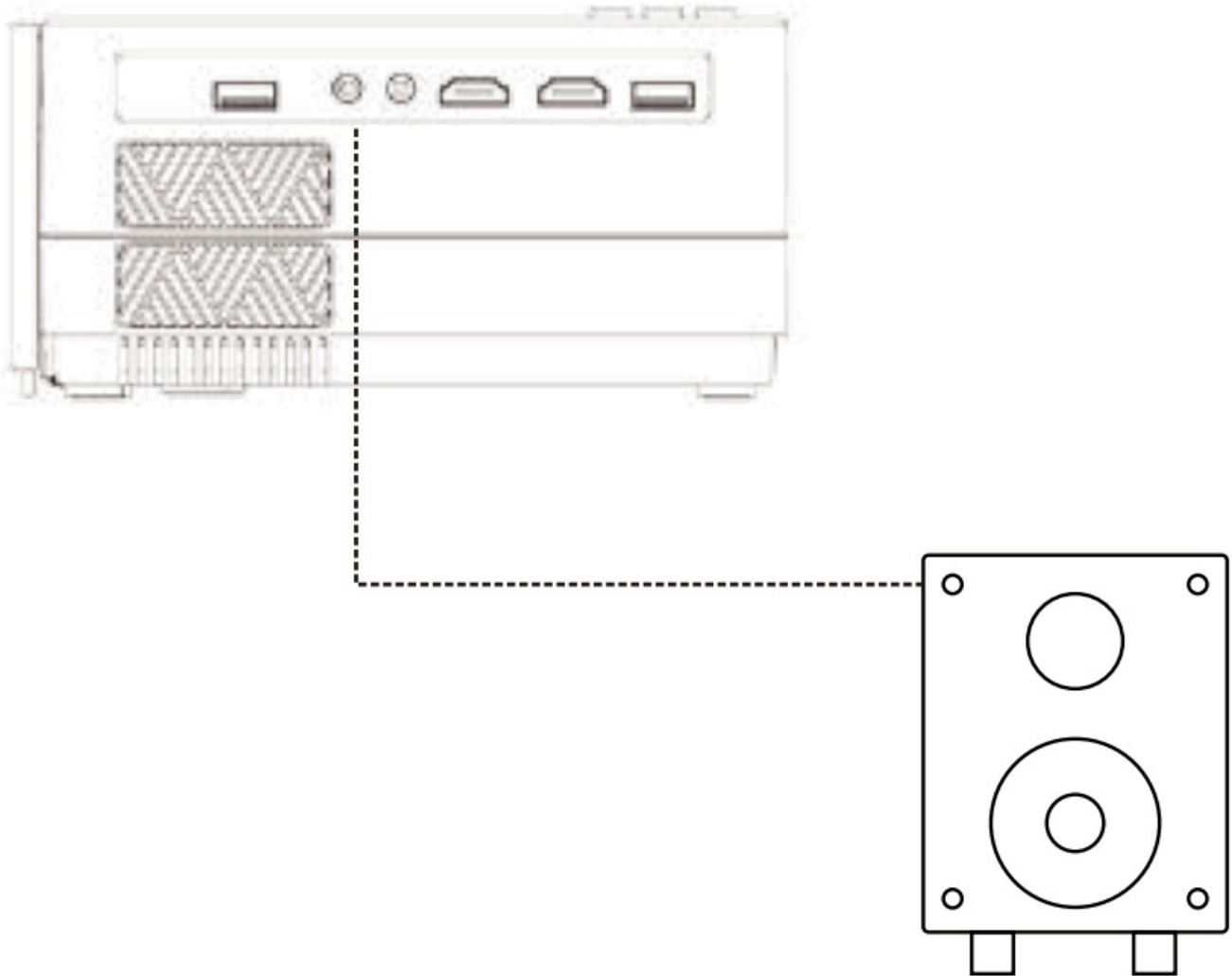
Menu settings

1. **Remote control user guide**

   Press the" ☰ "key to enter the main menu, then press the ' ◄ / ► " key to enter each sub-menu.

   Press the " ▼ / ▲ " key to select the sub-menu, then adjust the parameters as required, and press the "OK" key to confirm.

2. **Using the Sub-menu**

   The Sub-menu picture provided below is for reference only, and may differ from the actual design.

   - .**Available adjustments:** Picture Mode/Color Temperature/ Aspect Ratio/Noise Reduction/Screen/Projection Direct/HOM! Mode/Reduce Display
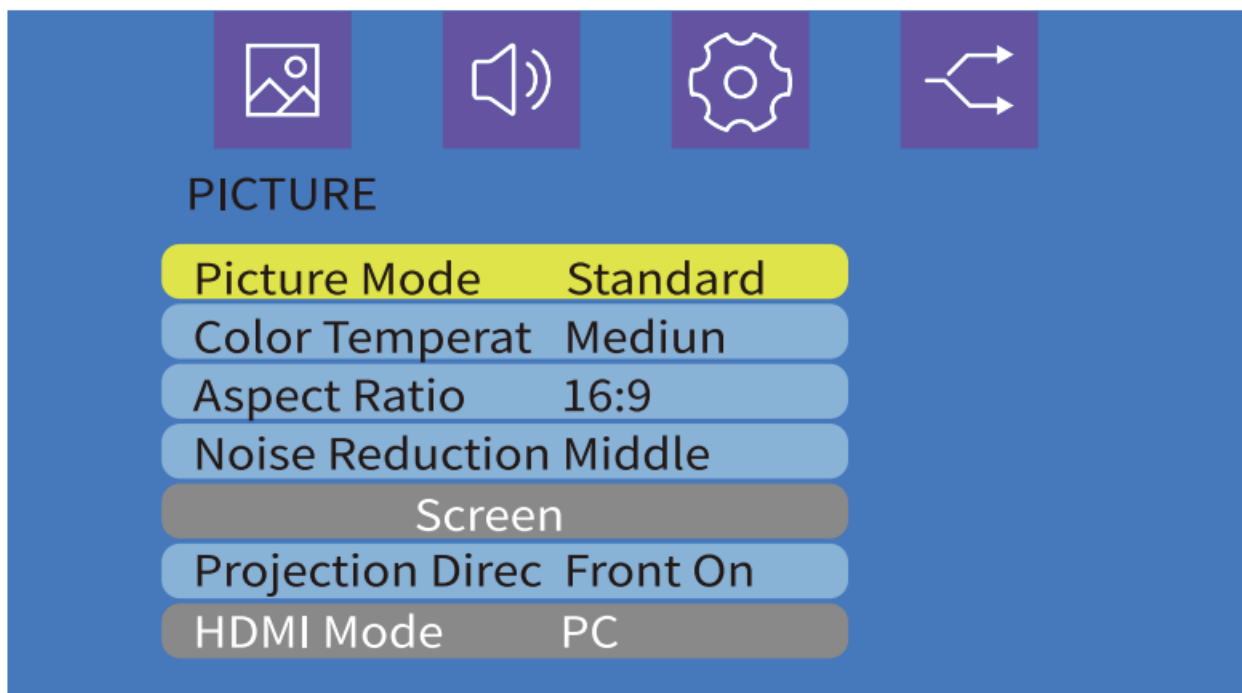
Zoom

Adjust the size of the image using the Zoom function in the Reduce image sub-menu.

- **Zoom range**: 75%-100%
- **(Note:** This function is only valid in the video screen)

- **Sound sub-menu:**
  - **Available adjustments**: Sound Mode/Balance/ Auto Volume/Volume/BT Setting
-
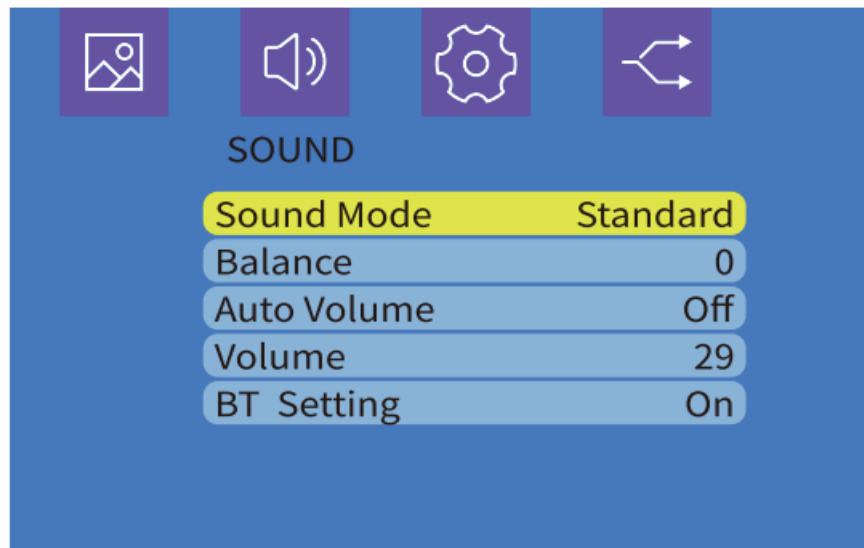
Bluetooth mode

- Turn on/off Bluetooth

- When the Bluetooth is turned on, search for nearby Bluetooth speakers or earphones to pair the device.

- Press the "OK" button to pair the device.

- When the device is connected, press the "OK" button again to disconnect the device.
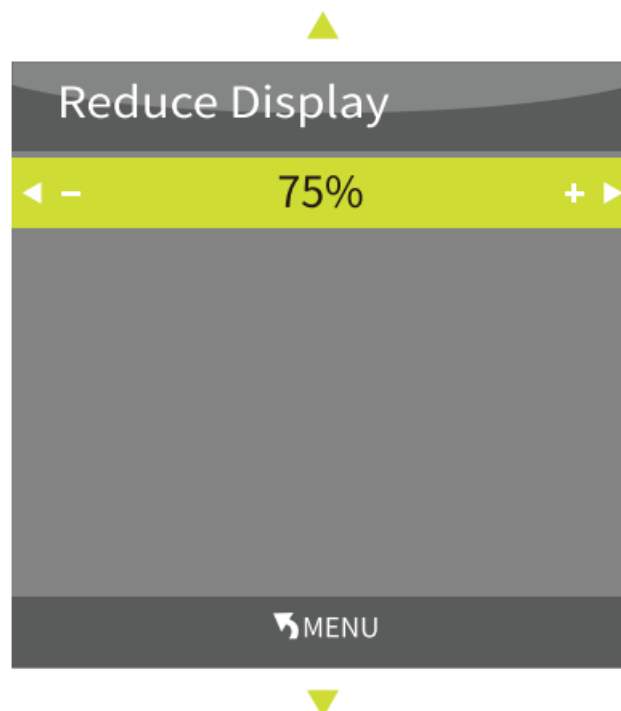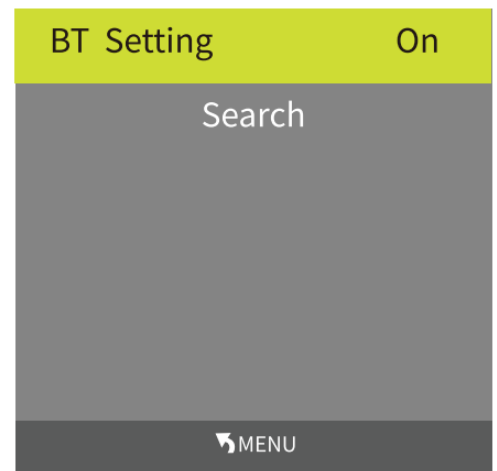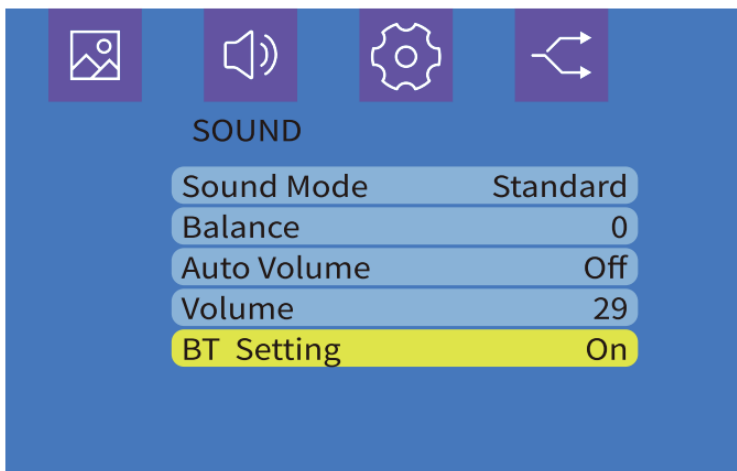

- **Settings sub-menu**

  - **Timer:** The projector enters standby mode automatically when the set duration of the timer elases.
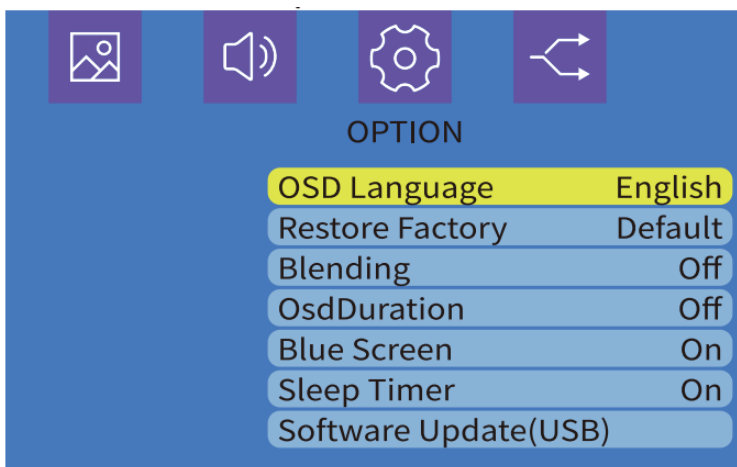
  - **Timer shutdown**: After selecting the timer shutdown duration in the menu, after the selected time is completed The machine will enter standby

- **Input Source sub-menu:**

  - **Available adjustments:** AV/HDMI 1/HDMI 2/Screen Mirroring/VGA/USS

Screen Mirroring

1. Select Screen Mirroring in the Input Source list
2. Press the OK key to enter the interface
3. Pick the appropriate variant (Figure 1)
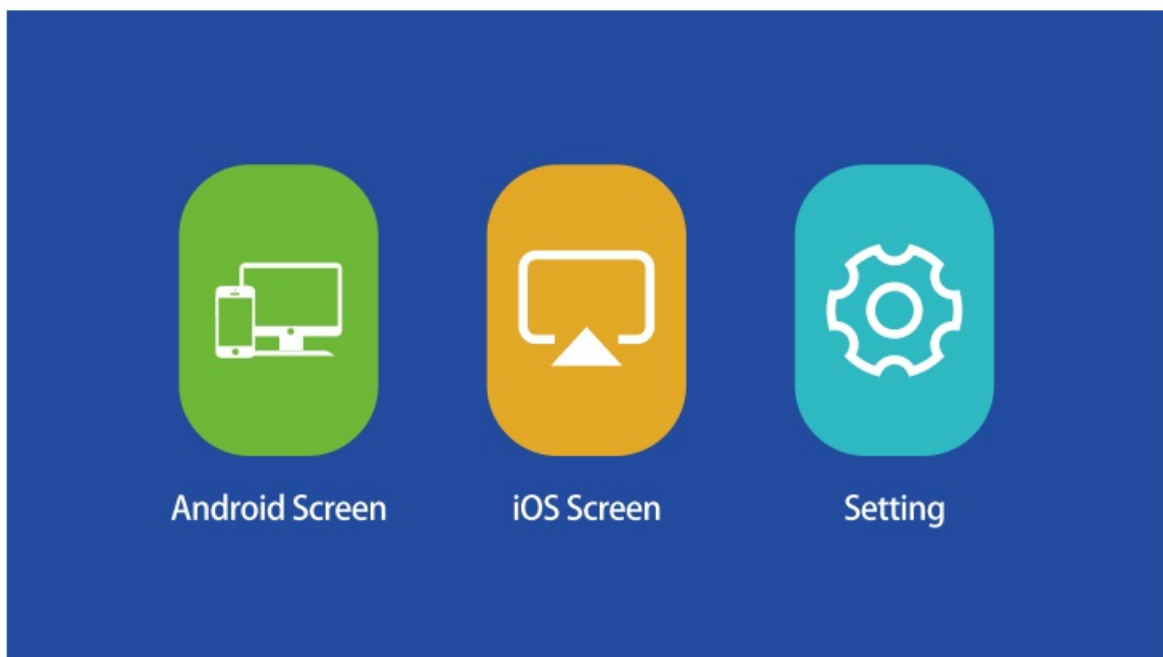
Android os
Android Screen has two connection methods.

Method 1: Wireless connection (Recommeded)

1. Select Android Screen function

Screen Mirroring for Android System

1.On your Android device, turn on WLAN (not necessary to connect to any Wi-Fi router)
2. Launch the Multi-screen/ Wireless Display / Screen Mirroring / Smart View function
3.Select "DBPOWER-809xxx" from the searching result list

2. Turn on the WLAN on the Android device
3. Launch the Multi-screen / Wireless Display/ Screen Mirroring / Smart View/Cast function (Figuer1)
4. Select "DBPOWER-XXXX" from the searching result list (Figure 2)
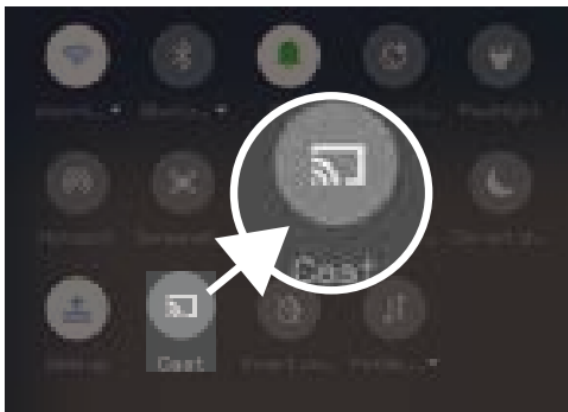
Figure 1

Figure 2

- Some Android devices may not support screen mirroring due to the compatibility.

Method 2: Wired connection

1. Select Android Screen function.
2. On your Android device, find Developer options and turn on USB debugging.
3. Connect your Android device to the projector OUT5V port via the ORIGINAL USB cable.
4. For the first time, when the "Allow USB Debugging" window appears, select
   "Always allow from this computer" and tap "OK" to start screen mirroring.

Figure 1

Tips
USB debugging steps may vary due to different devices Android OS differences. Search for "How to open the USB debugging mode on "Your device" • in Google. Actual prompts are based on Samsung Galaxy S8+ OS.

1. Open the 'Settings', tap About->Software information->Build number;
2. Tap "Build number· seven times until it shows Developer mode is turned on;
3. Go back to settings, scroll down and select 'Developer options';
4. Find the "Debugging" section;
5. Tap the toggle next to "USB Debugging".
    1. Some Android devices may not support screen mirroring due to the compatibility.
    2. Some Android devices may only transfer the display without audio due to the protocol restrictions.

B. iOS

iOS has 4 connection methods
Method 1: Wireless connection with Wi-Fi router (Recommended)

1. Connect the projector to a Wi-Fi router;
2. Select iOS Screen Mirroring function;
3. Connect your iOS device to the same Wi-Fi router
4. Turn on Screen Mirroring on your iOS device, find the projector for pairing.

Screen Mirroring for iOS System

1. On your iOS device, turn on Wi-Fi and connect to WT?
2. Open Control Center and Screen Mirroring
3. Select "DBPOWER-809586" from the searching n NETGEAR710

Method 2: Wireless connection without Wi-Fi router

1. You don't need to connect the projector to Wi-Fi router;
2. Select iOS Screen Mirroring function;
3. Turn on Wi-Fi on your iOS device and search for the network name of the projector (for example DBPOWER-809586);
4. Pick it and enter the password: 12345678. Your iOS device will connect to the projector automatically.
5. Turn on Screen Mirroring on your iOS device, find the projector for pairing.

Screen Mirroring for iOS System

1. On your iOS device, turn on Wi-Fi and connect to DBPOWER-809586 (pwd. 12345678)
2. Open Control Center and Screen Mirroring
3. Select "DBPOWER-809586" from the searching result list.

Method 3: Streaming with your Wi-Fi router

1. Turn on the projector, select Screen Mirroring as the input source to enter the Screen Mirroring interface for iOS;
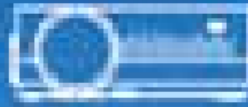
Screen Mirroring for iOS System

1. On your iOS device, turn on Wi-Fi and connect to DBPOWER-800568 (pwd: 12345678)
2. Open Control Center and Screen Mirroring.
3. Select "DBPOWER-800568" from the searching result list.

2. Open the 'Settings', connect your iOS device to the "LEISURE470-XXXXXX"
   Wi-Fi (pwd: 12345678);

3. Open the http:/ /192.168.49.1 webpage with the browser on your mobile device. Tap Wi-Fi AP > Scan, select
   your router's Wi-Fi and enter the appropriate password. Tap 'Connect' to continue;
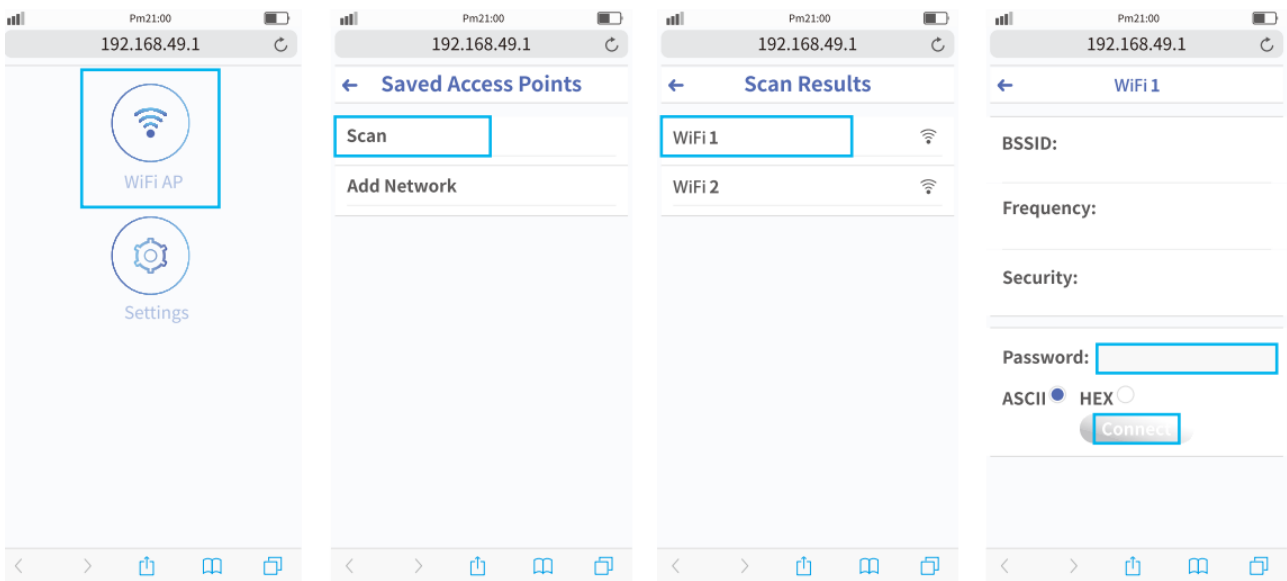
4. Your router's WiFi will be displayed on the Screen Mirroring interface for iOS after a successful connection;

Screen Mirroring for iOS System

1. On your iOS device, turn on Wi-Fi and connect to WT?
2. Open Control Center and Screen Mirroring
3. Select "DISPOWER-800586" from the searching result list

5. Open the 'Settings', connect your iOS device to the same router's WiFi;

6. Turn on Screen Mirroring on your iOS device, find the projector (LEISURE470-XXXXXX) for pairing.

Trips
If you'd like to connect to another Wi-Fi router, please repeat the above procedures.

Method 4: Wired connection

1. Select iOS Screen Mirroring function;

2. Connect your iOS device to the projector OUT5V port via the original USB cable.

3. Confirm the screen mirroring: when the "Trust this Computer?" window appears, tap "Turst" to start screen mirroring.

Trust This Computer?

Your settings and data will be accessible from this computer when connected wirelessly or using a cable.

Trust   Don't Trust

4. Confirm "Tursi", then the screen mirroring will start

Setting

Description

- **WiFi:** Connect to Wi-Fi router
- **Reset:** Restore the Screen Mirroring function to its original system state OTA: Online update
- **Mirror Setting:** Mirror mode/ Airplay mode

PROJECTOR INSTALLATION

- Please refer to the following diagram for the projector ceiling mounting.
- Please do not place the projector near heat sources to prevent the projector from overheating.
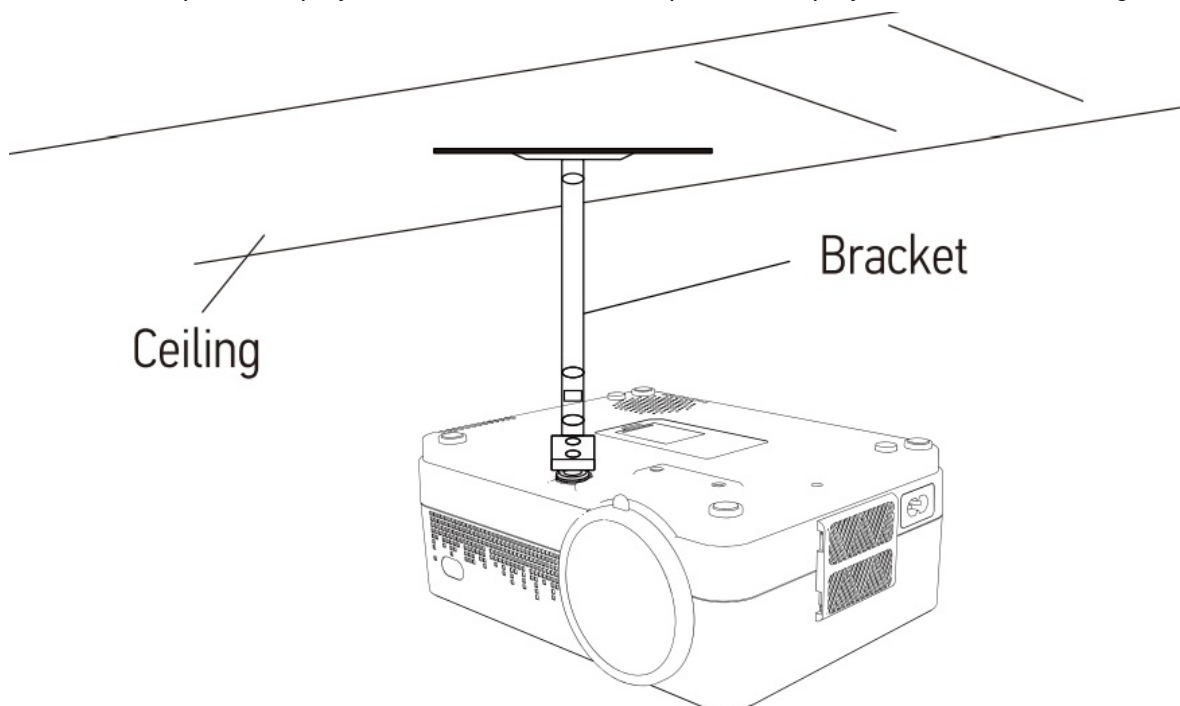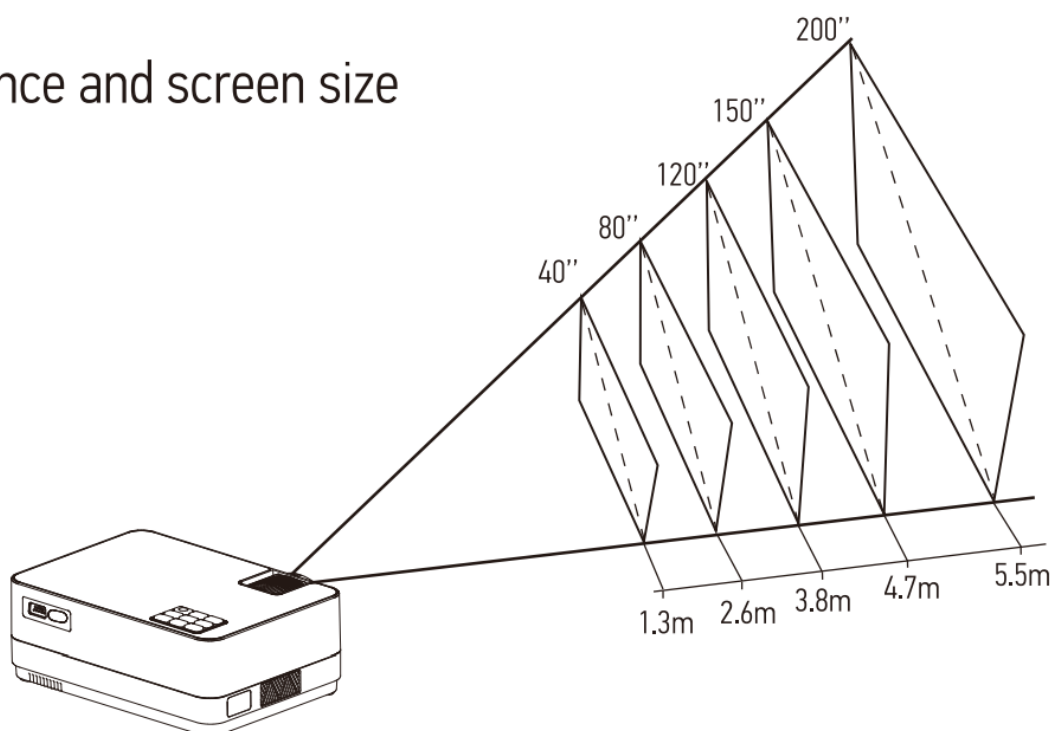

- Contact a professional installer for the projector ceiling mounting.
- Please ensure that the screws used for ceiling mounting are of high quality and the length is enough to prevent the projector from falling.

Slots pattern on the projector plate

Throw distance and screen size

40" 80" 120" 150" 200"

1.3m 2.6m 3.8m 4.7m 5.5m
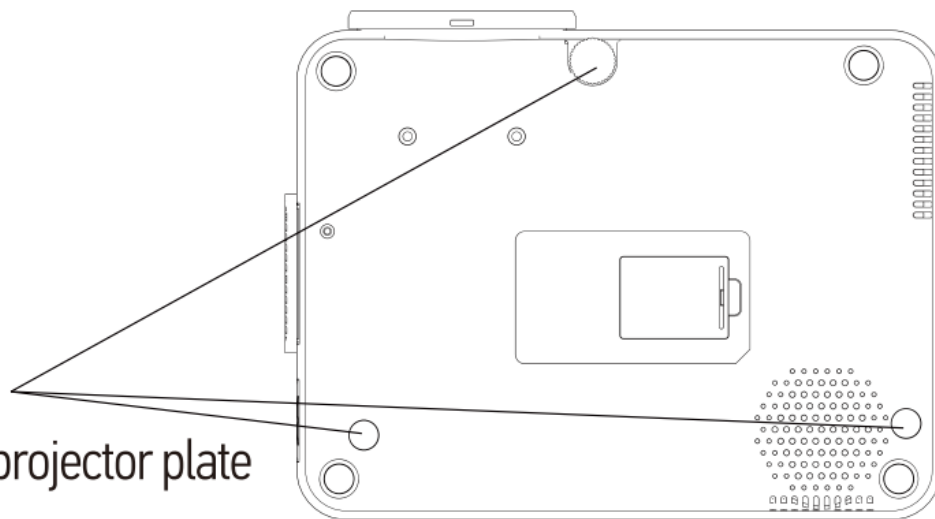
- For reference only. Throw distance and screen size may vary due to different configurations.

Technical Specifications

Imaging Technology	LTPS LCD	Color Reproduction	16.7kk
Resolution	1920*1080	Keystone	Manual Correction ± 15˚
Highest Resolution	1920*1080	Power Voltage	100V–240V 50/60Hz
Light	LED	Integrated watt	65W (Max)
Life Span	50,000 hrs	Input	USB/VGA/HDMI/AV
Lens	Multichip Coated	Output	Earphone USB(5V–500MA)
Operation Mode	Lens (F=135) Manual Operation	Speaker	5Ω 3W
		System support	Support multi-media
		Language support	Support 23 Language
Throw Distance	1.3–5.5M	Unit size	221*174.7*87.3mm
Screen Size	40–200 Inches	Projector Ratio	1.44:1
Aspect Ratio	4:3/16:9	Net Weight	1.42KG

Documents / Resources

DBPOWER L23 5G WiFi Bluetooth Projector [pdf] User Manual
L23 5G WiFi Bluetooth Projector, L23, 5G WiFi Bluetooth Projector, WiFi Bluetooth Projector, Bluetooth Projector, Projector

References

- **User Manual**