

# USER MANUAL



# CONTENTS

## ENGLISH

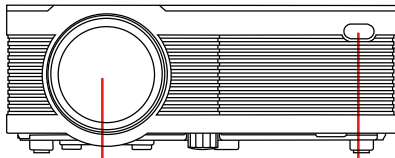
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## SAFETY NOTICE

- ☹ Please read the user manual carefully before using the projector.
- ☹ Please use standard power cord with ground wire to ensure stable power supply.
- ☹ Please use the same power voltage with the projector marked.
- ☹ Please do not disassemble the projector by yourself, otherwise we will not provide free warranty service.
- ☹ Please do not look into the lens when the projector is working, otherwise it will damage your eyes easily.
- ☹ Please do not cover the projector ventilation hole with cloth, carpet and other materials.
- ☹ Please keep the projector away from the rain, water or any other liquid as it is not waterproof.
- ☹ Please don not put the projector under the rain or moisture to avoid electric shock.
- ☹ Turn off the power and turn off the power, if you do not use the projector for a long time.
- ☹ Please use the original packing foam or other anti-shock material when moving projector.
- ☹ Please contact us for help firstly if the projector has any problem.
- ☹ Do not stare at the lamp. May be harmful to the eyes.
- ☹ If a fault should occur during operation of the unit, switch the power supply off or disconnect the power plug and disconnect device.
- ☹ Use only qualified ceiling mount kit to mount the projector and ensure it is securely installed. A mount with M6 screw is recommended.

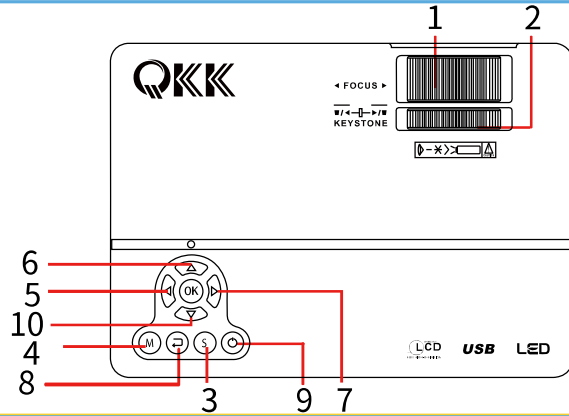
# PRODUCT INTRODUCTION



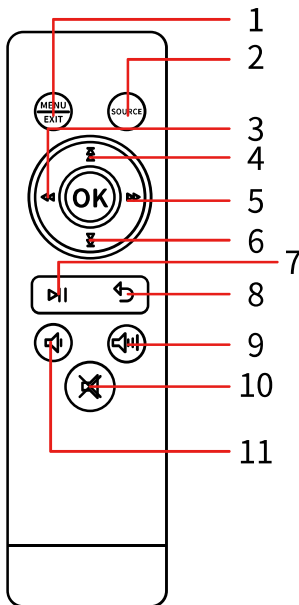
1

2

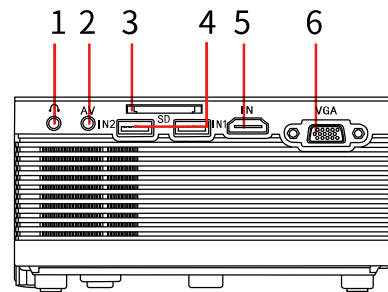
- 1. Lens
- 2. IR Receiver



- 1. Focus
- 2. Keystone
- 3. Source
- 4. Menu
- 5. Left/Volume-
- 6. UP/Last
- 7. Right/Volume+
- 8. Return
- 9. Power
- 10. Down/Next



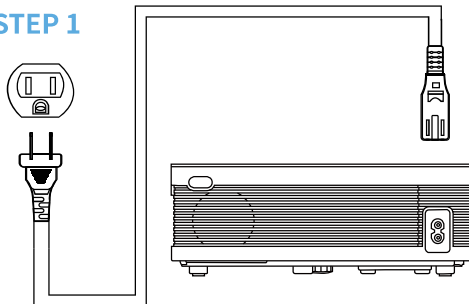
- 1. Menu
- 2. Source
- 3. Left/Fast Backward
- 4. UP/Last
- 5. Right/Fast Forward
- 6. Down/Next
- 7. Play/Pause
- 8. Exit/Return
- 9. Volume+
- 10. Mute
- 11. Volume-



- 1. AUX
- 2. AV
- 3. TF or SD
- 4. USB
- 5. HDMI
- 6. VGA

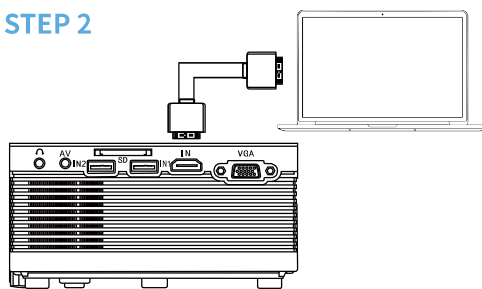
# QUICK START

## STEP 1



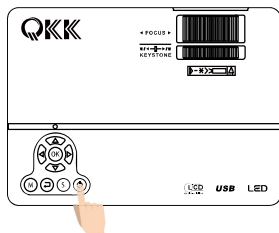
Connect the power cable into the projector

## STEP 2



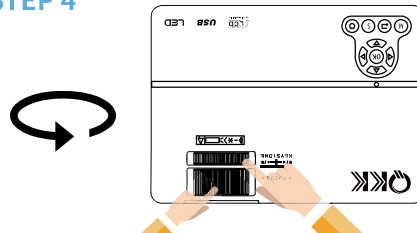
Connect your device to the projector

## STEP 3



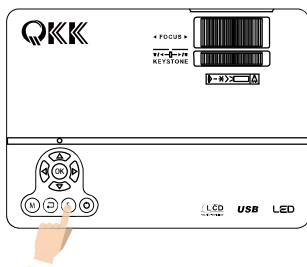
Press the power button

## STEP 4



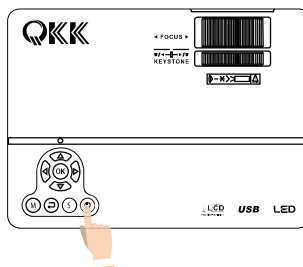
Adjust the projector high, lens and keystone

## STEP 5



Click the source button to choose signal

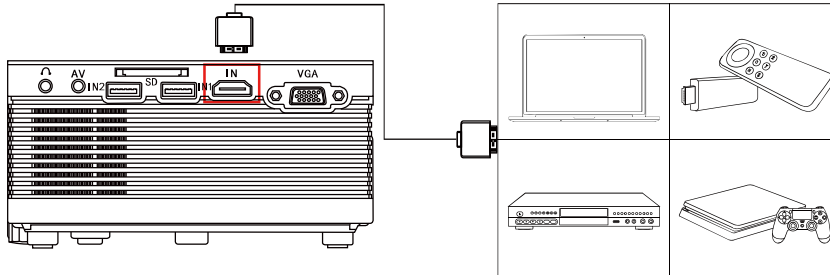
## STEP 6



Turn off the projector after using

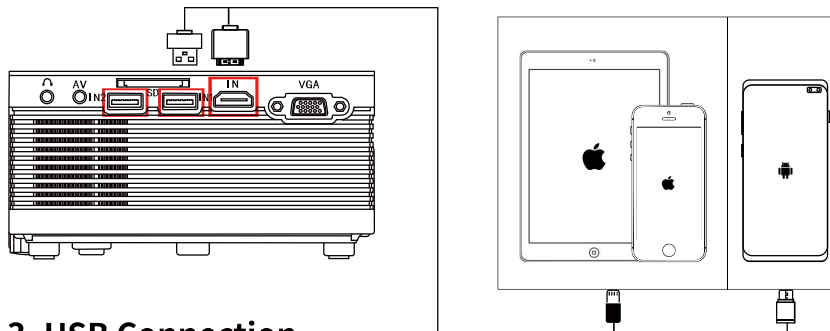
## SIGNAL SOURCE

### 1. HDMI Connection



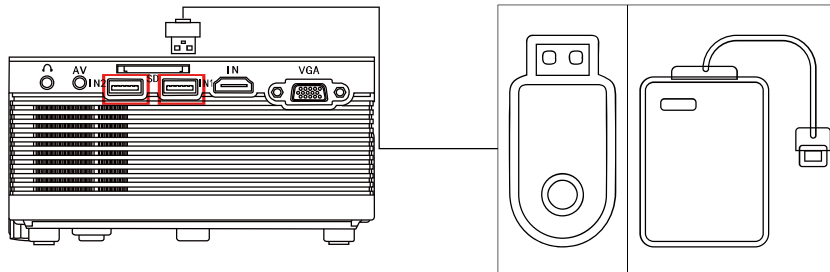
### 2. Smart phone / Tablet Connection

iOS: Lightning to HDMI Adapter, Android: Micro USB or Type-C to HDMI Adapter



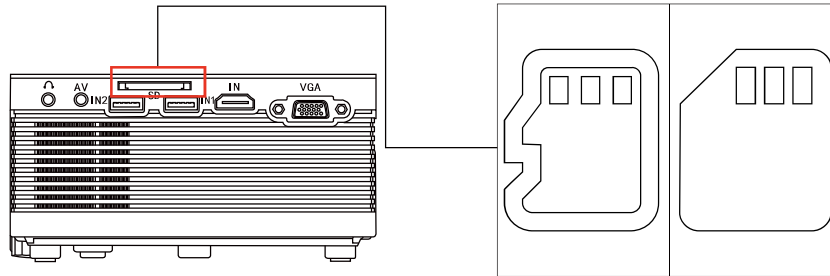
### 3. USB Connection

Click the button " Source " to go to the full screen mode.



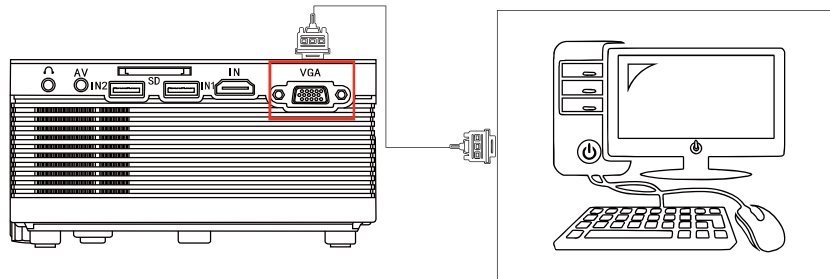
#### 4. TF or SD Card Connection

(Note: The supported USB stick and TF / SD card is not over 32G)

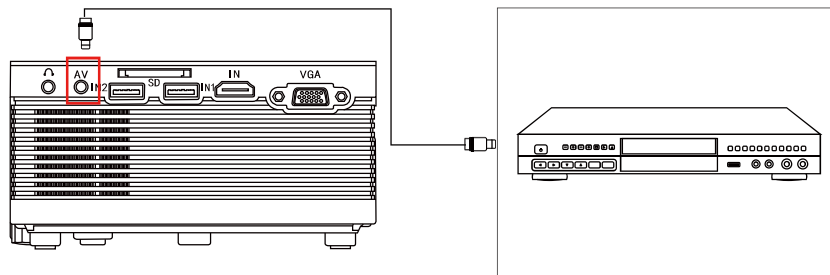


#### 5. VGA Connection

Set the computer display attributes and select CRT output mode, if the projector and PC don't display images at same time.

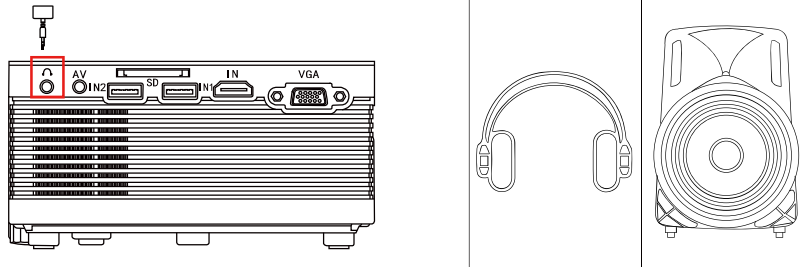


#### 6. AV Connection



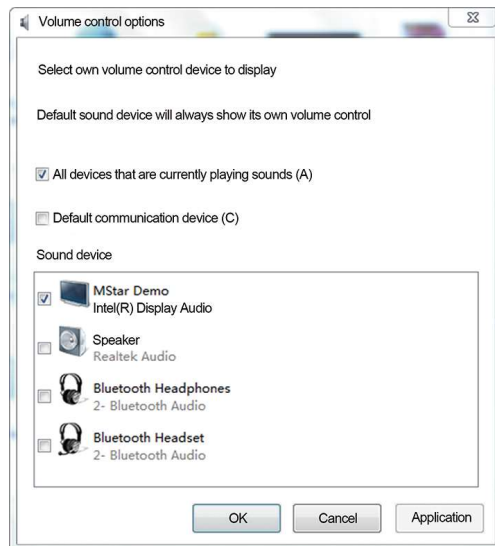
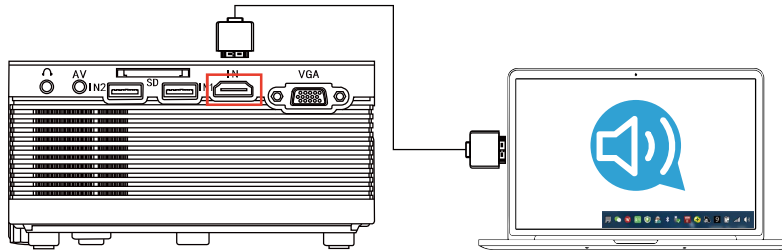
## 7. Audio out Connection

Note: Bluetooth function not supported.



## 8. Laptop Connection

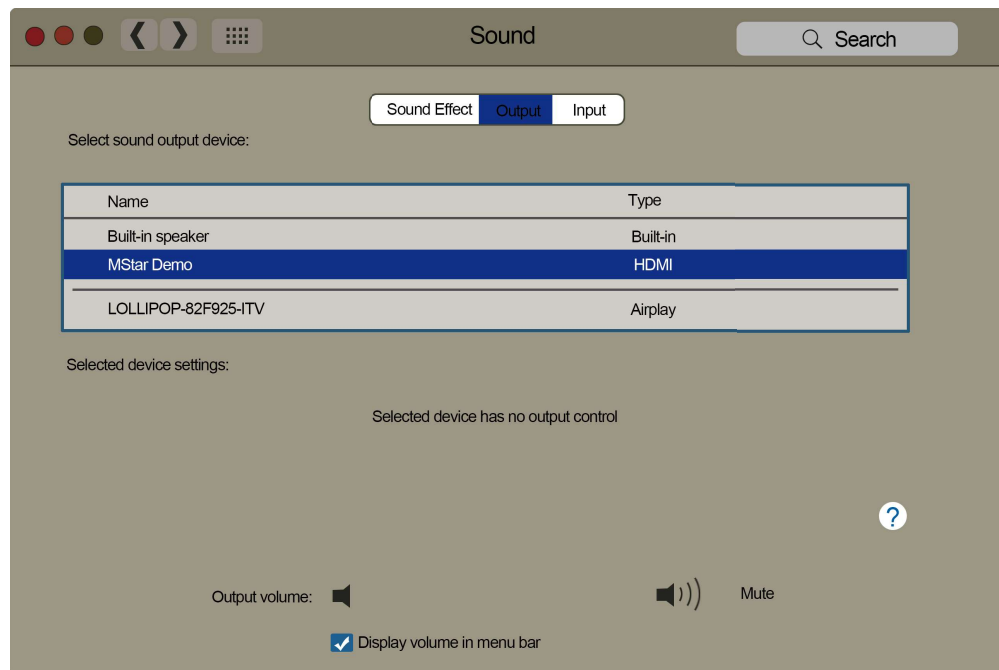
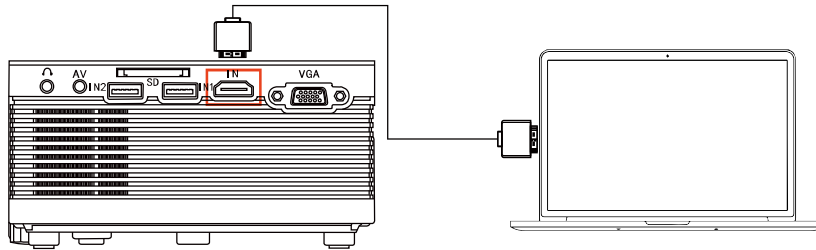
Note: Choose MStar Demo as the default audio output on your Laptop.





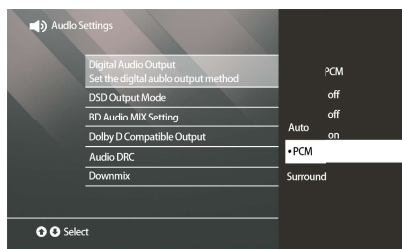
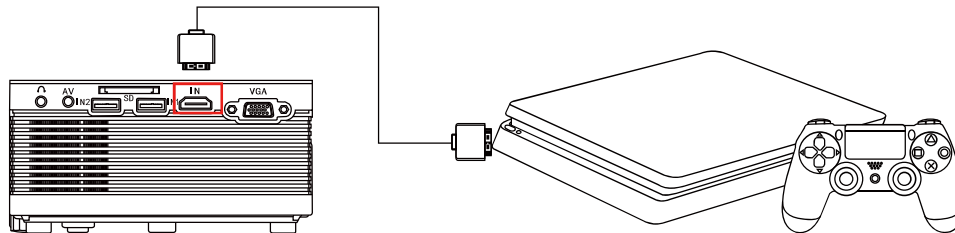
## 9. Macbook Connection

- 1) Use Type-C or Mini Displayport to HDMI Adapter and choose HDMI connection
- 2) Note: Choose MStar Demo (HDMI) as the default sound output on your Macbook.



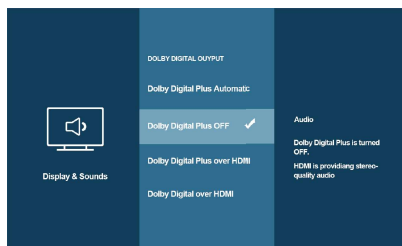
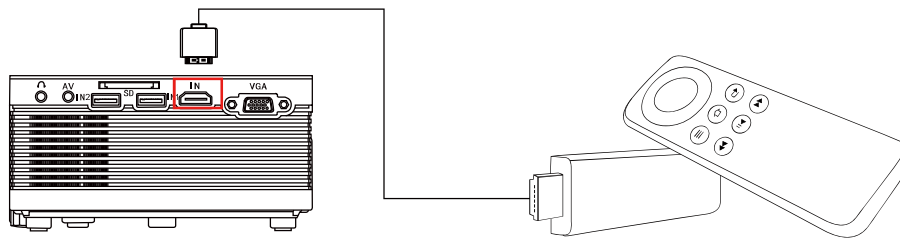
## 10. PS4 / XBoX Connection

Choose PCM as the audio output on the device.



## 11. TV Stick / Box Connection

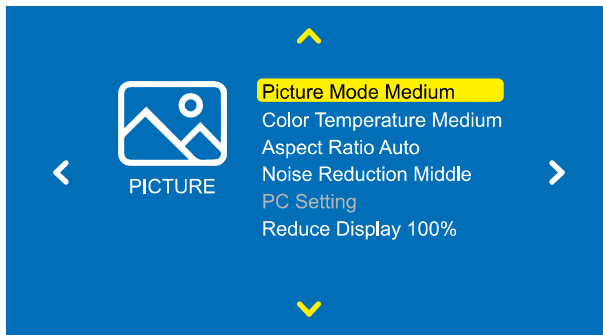
Turn off the Dolby Digital output on the device if you have no sound.



## PERSONALIZATION SETTING

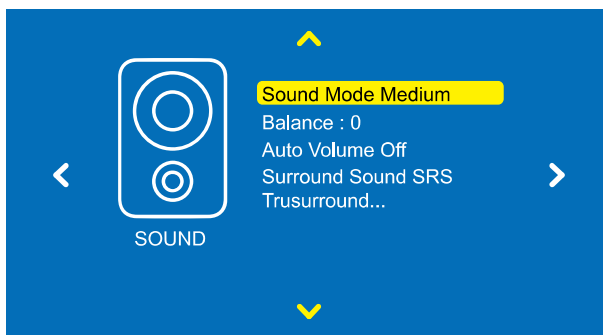
### 1. Picture Settings

- 1) Set up contrast, brightness and color sharpness under picture mode - user mode.
- 2) Switch color temperature between medium, warm, user and cool to meet different usage.
- 3) Switch the aspect ratio between 16: 9 and 4:3.



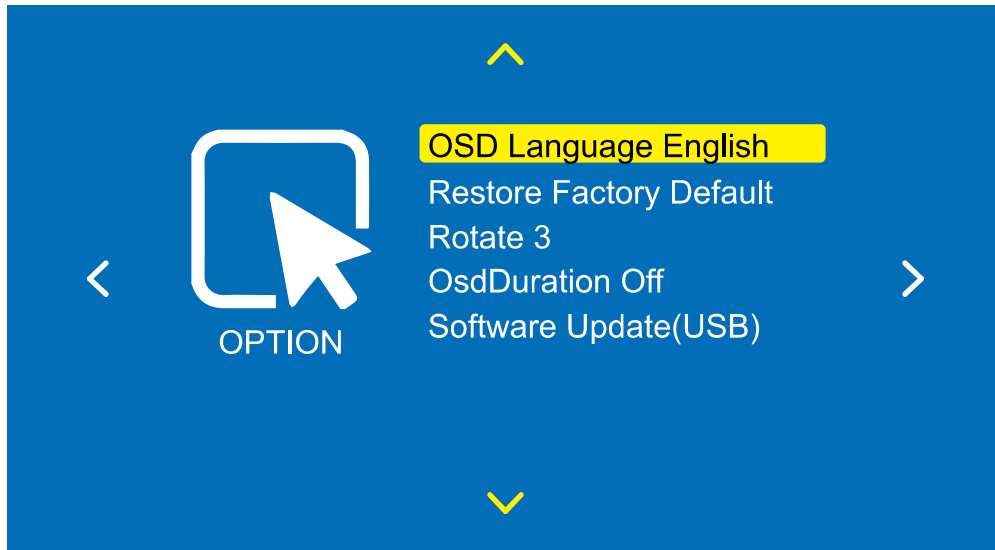
### 2. Sound Settings

- 1) Set up standard, music, movie, sport and user in the sound mode.
- 2) Balance the sound of left and right speaker channel by setting the sound balance.



### 3. Option Settings

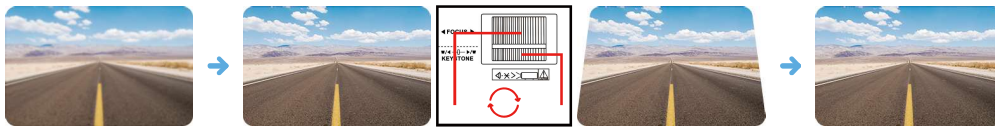
- 1) Change the menu language in the OSD language settings.
- 2) Click the restore factory to reset the projector.
- 3) Contact the customer support before you start any software update.



## BASIC OPERATION

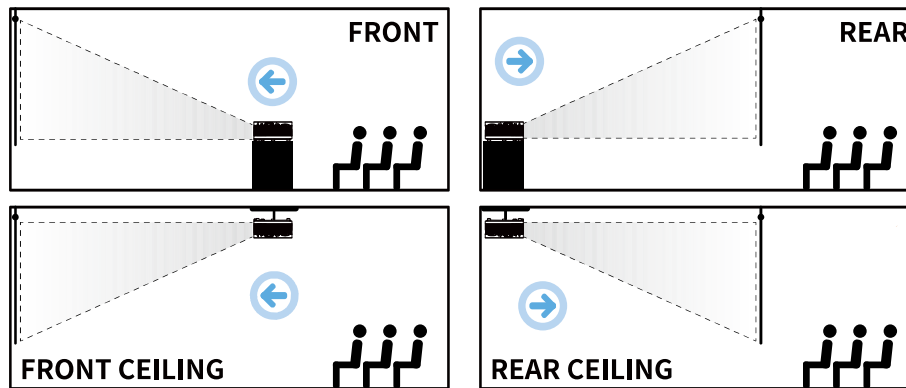
### 1. Focus & Keystone

- 1) Rotate the lens to get the image in focus and have the best picture quality.
- 2) Rotate the keystone to get horizontal projection screen.

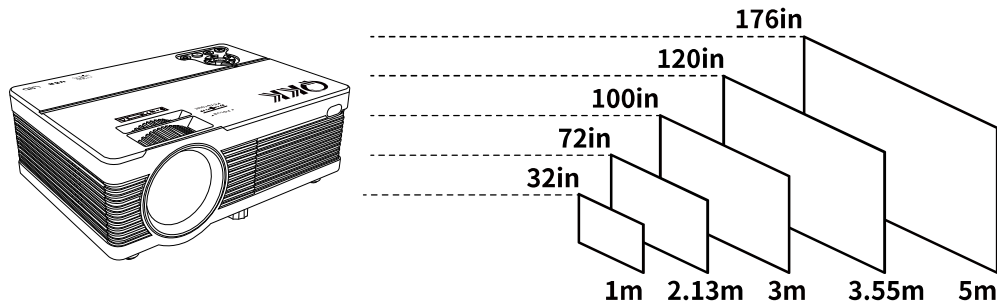


### 2. Projection Modes

Note: Change the settings in Menu - Picture - Projection Mode



### 3. Projection Distance & Size



## SPECIFICATION

<b>Projection Tech</b>	LCD
<b>Max Supported Resolution</b>	1920 * 1080
<b>Display Colors</b>	16.7M
<b>Lamp Color Temperature</b>	20000K
<b>Lamp Life Time</b>	50000 - 60000 H
<b>Power Supply</b>	AC IN: 100V-240V, 50/60HZ
<b>Projector Consumption</b>	50W
<b>Light Source</b>	LED
<b>Keystone Correction</b>	Optical $\pm 15$ Degree
<b>Projection Size</b>	32 - 176 Inch
<b>Projection Distance</b>	1 - 5 M
<b>Audio Frequency</b>	2W+2W
<b>Aspect Ration</b>	16:9 or 4:3
<b>Signal Ports</b>	VIDEO INPUT(1.0Vp-p $\pm 5\%$ )
	VGA INPUT (800 X600@60Hz 1024X768@60Hz)
	HDMI INPUT(480i 480p 576i 720p 1080i 1080p)
<b>USB &amp; TF Card</b>	Video Format: MPEG1, MPEG2, MPEG4, RM,
	AVI, RMVB, MOV, MKV, DIVX, VOB, M-JPEG
	Audio Format: MP3/WMA/ASF/OGG/AAC/WAV
	Image Format: JPEG, BMP, PNG