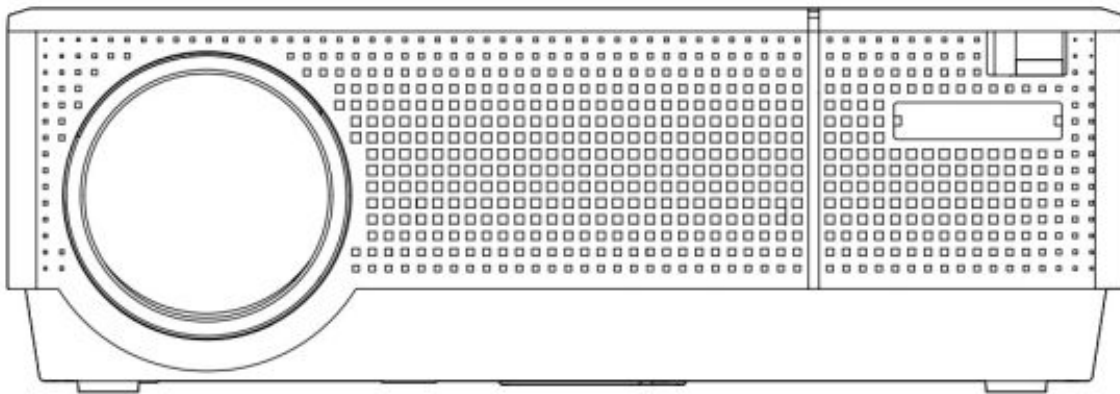




# Yaber Y31 TFT LCD Projector Instruction Manual

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**Yaber**  
Entertainment Projector  
Y31 TFT LCD Projector  
Instruction Manual



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## YABER Lifetime Professional Support

Dear customer,

Thank you very much for supporting YABER!

Please read this manual thoroughly before using the projector. If you have any issues, email your order number and description of your issue to: [service@yabertech.com](mailto:service@yabertech.com). Send your email ASAP, as we want to fix your issues the first time you have them.

Actually, many problems can be easily solved by setting, such as no signal, no sound etc. We promise all the projectors have been carefully checked and packaged before shipping.

Therefore, if you have any questions, please contact us and give us an opportunity to improve. We guarantee that we will provide you with a more satisfactory solution.

Thanks for your understanding!

Best regards, CYBER TEAM

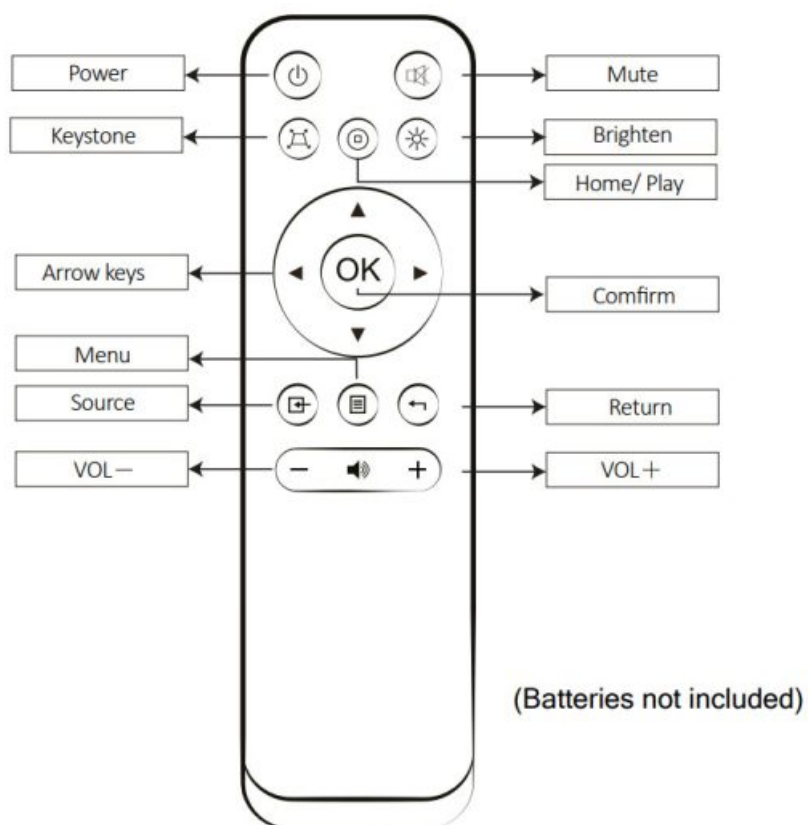
## Product Packing List

● YABER Y31 projector *1	● Power cord *1	● Instruction manual *1
● Remote control *1 (batteries not included)	● 3-in-3 AV cable *1	● 3-in-1 AV cable *1
● HDMI cable *1	● VGA cable *1	● Lens cleaning *1

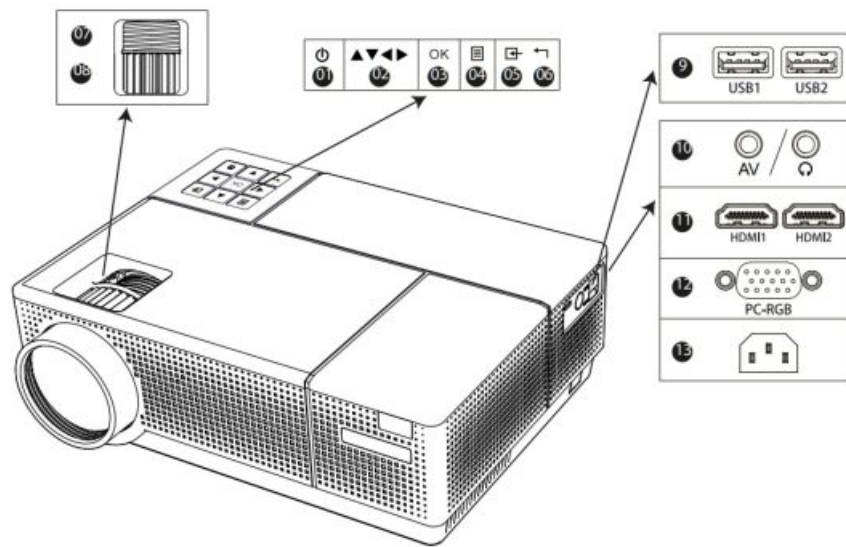
## Projector Specification

Native Resolution	1920*1080p	Recommended Projection Distance	7.8-12.8 ft
Display Technology	LCD	Minimum Projection Distance	5.8ft
Light Source	LED	Keystone Correction	±45°Manual
Display Colors	16.7M Full	Power Voltage	AC 100-240V
Aspect Ratio	4:3/16:9/auto	Projection Method	Front/Rear on Desk, Front/ Rear on Ceiling
Projector Weight	5.5lb	Focus	Manual Operation
Picture File	JEPG, PNG, BMP, MPO	Audio File	AAC/MP2/MP3/PCM/FL AC/WMA
Video File	MPEG1, MPEG2, H.263, H.264, AVS, VC1, MJPEG, RV30, RV40, HEVC		
Port	AV*1/VGA*1/USB*2/HMDI*2		

## PROJECTOR REMOTE

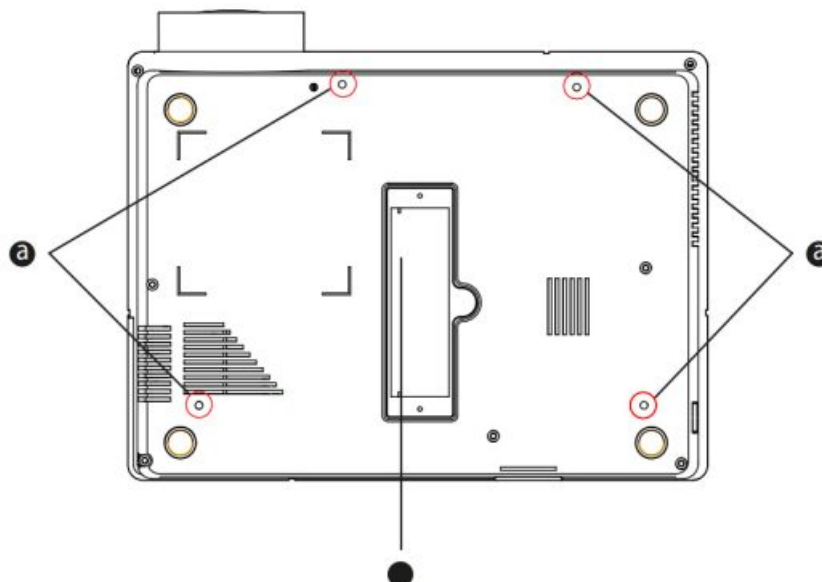


## PROJECTOR OVERVIEW



	Name	Description
1		This button can lead the projector to working/standby mode.
2		Adjust with parameters, the same function with the remote control.
3	OK	Confirm
4		Open or close the Menu.
5		Choose Source (PC-RGB,HDMI,USB, AV,etc.)
6		Back
7		Adjust the keystone ring to get a rectangle shape.
8		Adjust the focus ring to get the clearest image.
9		2*Multimedia inputs
10		AV Input / Headphone Jack(3.5mm)
11		HDMI signal input
12		VGA input
13		Plug the power cable




## Bottom



a	Projector Mount Hole ( 4 holes )	Fix with M4x1Omm screws
b	Dusting Mouth	Clean the dust if has a black spot

## STARTING PROJECTOR

### Turn on the projector

1. Install two AAA batteries in the remote control before using.
2. Press the Power key on the remote or panel, the indicator light will turn blue. 
3. Remove the lens cover of the projector, the lamp will start working 2 seconds later, when an image is projected on the screen the machine is working smoothly. If the first projection screen is not the start-up screen, press the " " button on the remote and select a USB source.
4. Adjust the keystone ring to get a rectangle shape.
5. Adjust the focus ring or rotate the lens of the projector to get the best image performance. (If it is still blurry, please try to adjust the projection distance.)
6. If you connect other devices, be sure to select the corresponding source. If you do not select the correct source, the projector will not be able to detect the signal.
7. Press the " " button on the remote control to enter the OSD Language to set your preferred language;

### Turn off the projector

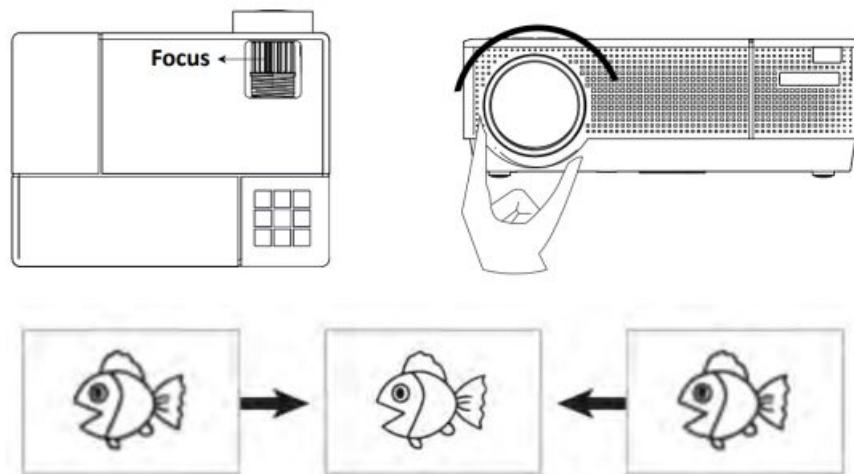
1. Press the Power button when the projector is in use, this will cause it to switch to standby mode.
2. When the projector switch into standby mode, the light will turn red from blue.

## IMAGE ADJUSTMENT

When using the projector for the first time, it normally displays an unclear image. This is due to the lens being out of focus or an incorrect trapezoid setting. Please follow the below steps to correct this:

### Focus Adjustment

- A.** Rotate the focus ring slowly. At the same time, check the resolution point carefully. The best focus point for the lens would be where the image is most clear.
- B.** Or you could rotate the lens of the projector slowly.



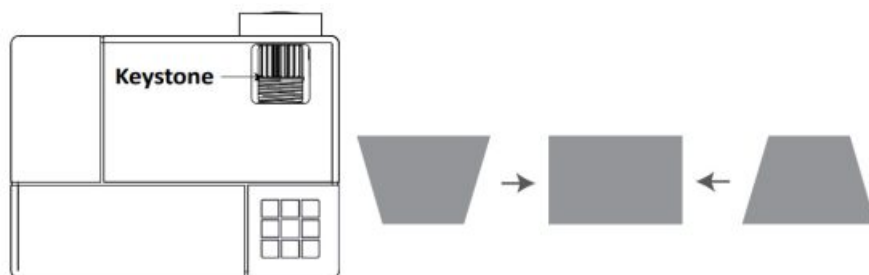
**Note:** If it is still blurry, please try to adjust the projection distance.

#### 4D Keystone Correction

If the projected image is in a trapezoidal shape, please adjust the keystone ring to get a rectangle shape.

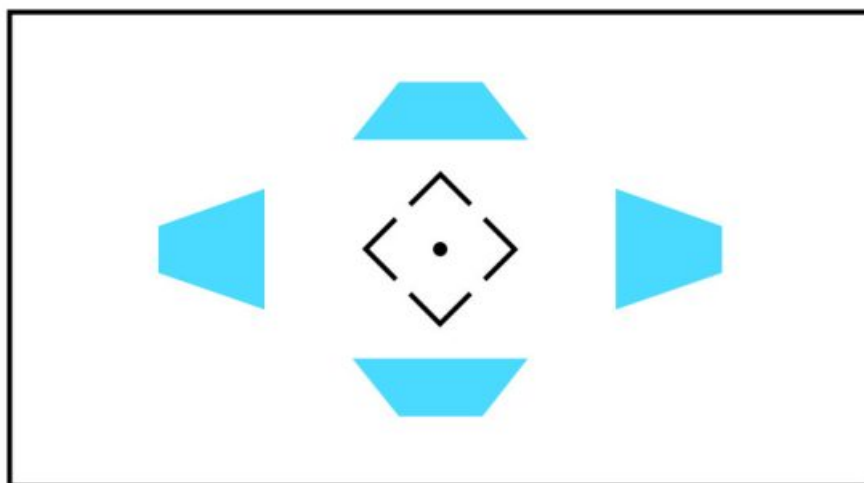
**Note:** Please turn off the automatic vertical keystone correction function before using this manual keystone correction function.

**Method 1: Rotate the keystone ring to adjust the trapezoid of the image. (Maximum adjustable:  $\pm 20^\circ$ )**



**Method 2: Press " " key on the remote control (Maximum adjustable:  $\pm 45^\circ$ )**

Press the " " key on the remote control, enter the setting page of the keystone correction, and then press the up, down, and right arrow keys on the remote control to adjust the image shape of the corresponding direction until you get the rectangular image you want.

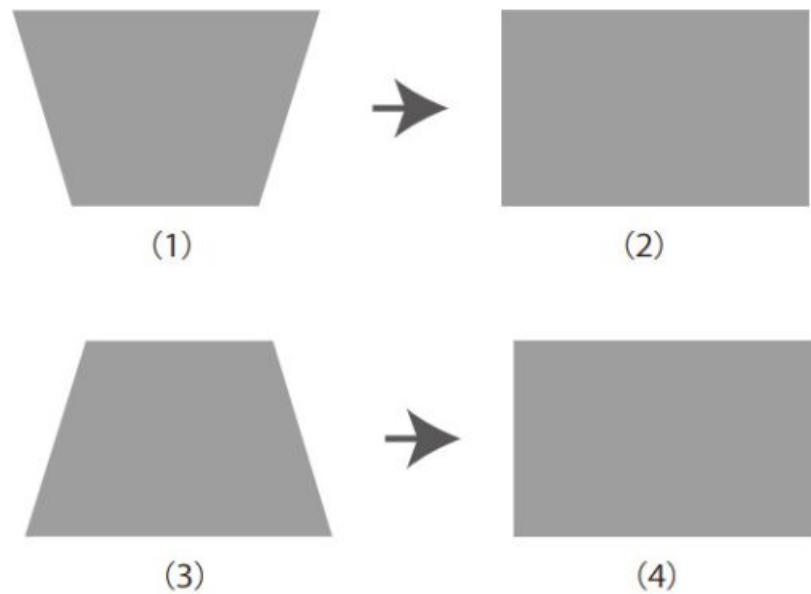


**Method 3: Vertical/ Horizontal Keystone Correction by remote. (Maximum adjustable:  $\pm 45^\circ$ )**

Vertical" Range: -45 — +45

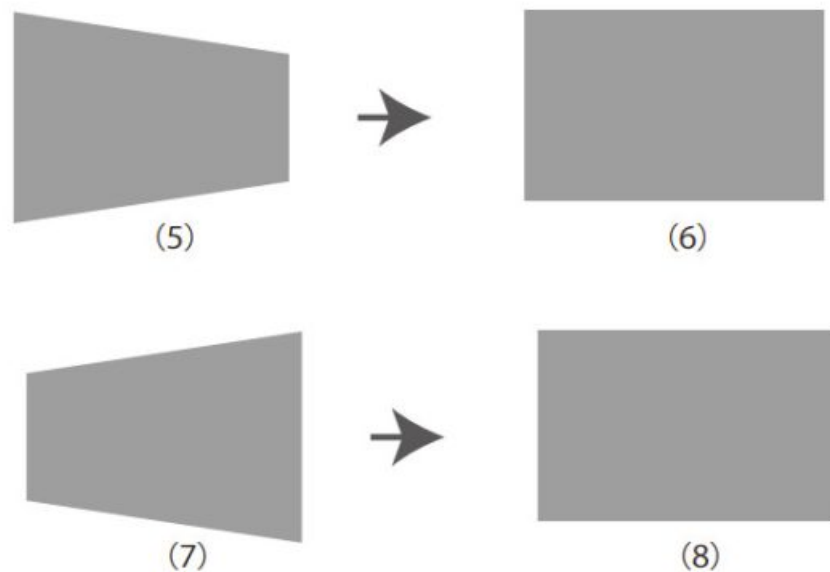
If the projection image is tilted vertically, as shown in (1), press the " " button on the remote control, select "Keystone" from the Options menu, then press the "OK" button and increase the vertical parameter "+", until to

achieve the projection effect (2). If as shown in (3), then decrease the vertical parameter “-“, until to achieve the projection effect (4).”




Horizontal” Range:-45 — +45

If the projection image is tilted horizontally, as shown in (5), press the ” e ” button on the remote control, select “Keystone” from the Options menu, then press the “OK” button and increase the horizontal parameter “+”, until to achieve the projection effect (6). If as shown in (7), then decrease the horizontal parameter “-“, until to achieve the projection effect (8).



#### Method 4: Automatic Vertical Keystone Correction

Press the “” button on the remote control, select “Keystone”, and press the “OK” button to turn on the Auto Vertical Keystone Correction. When the projector detects that the vertical direction is not a rectangle, it will automatically adjust the vertical direction.

**Note:** This auto-correction function can only correct the shape of the vertical direction.



**Note:** To get the best picture quality, when installing the projector, please try to keep the screen at the same level as the projector. If it is not possible, please use H / V- Keystone function to correct the shape of the image.

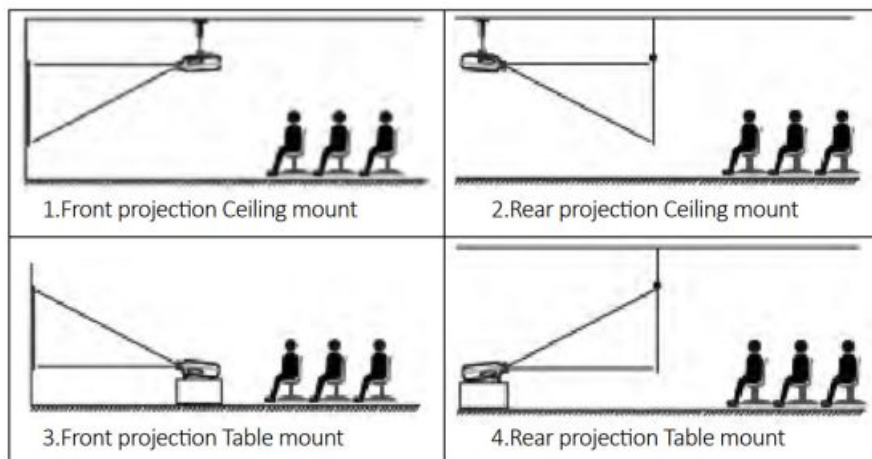
## PROJECTION DISTANCE AND SIZE

Please follow the data in the chart below, to adjust the image size and the distance. (Aspect Ratio: 16: 9, Default)

Distance (ft.)	Screen Size
6.	50"
8.	72"
11.	100"
13.	120"
14.	160"
18.0	200"

The image size depends on the distance between projector and screen, there may be 3% deviation among the above-listed data. Different settings cause various distances.

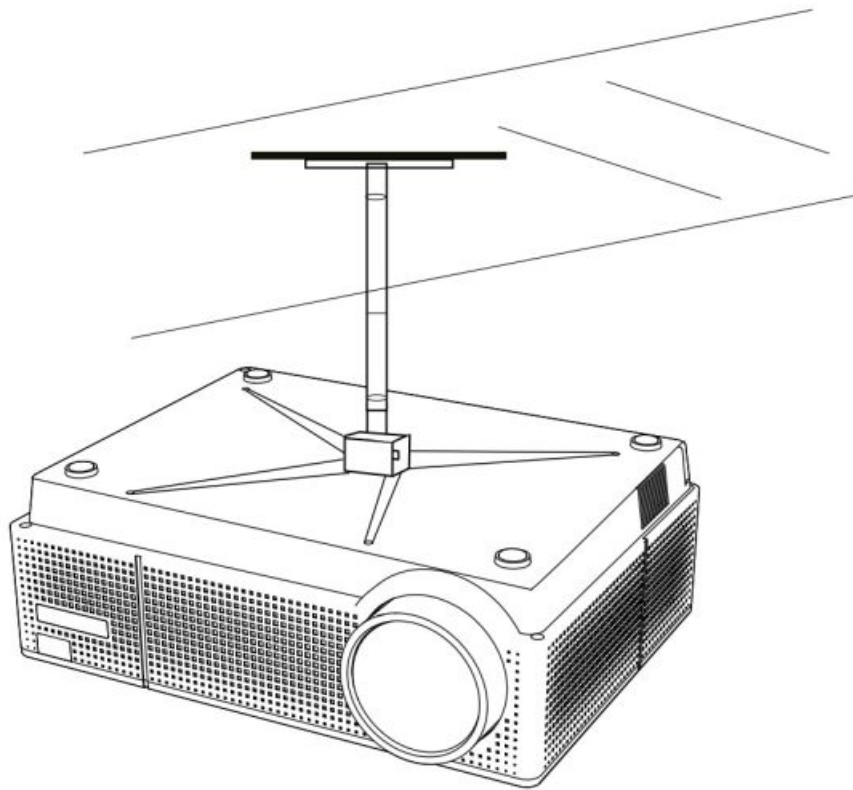
## PROJECTOR INSTALLATION



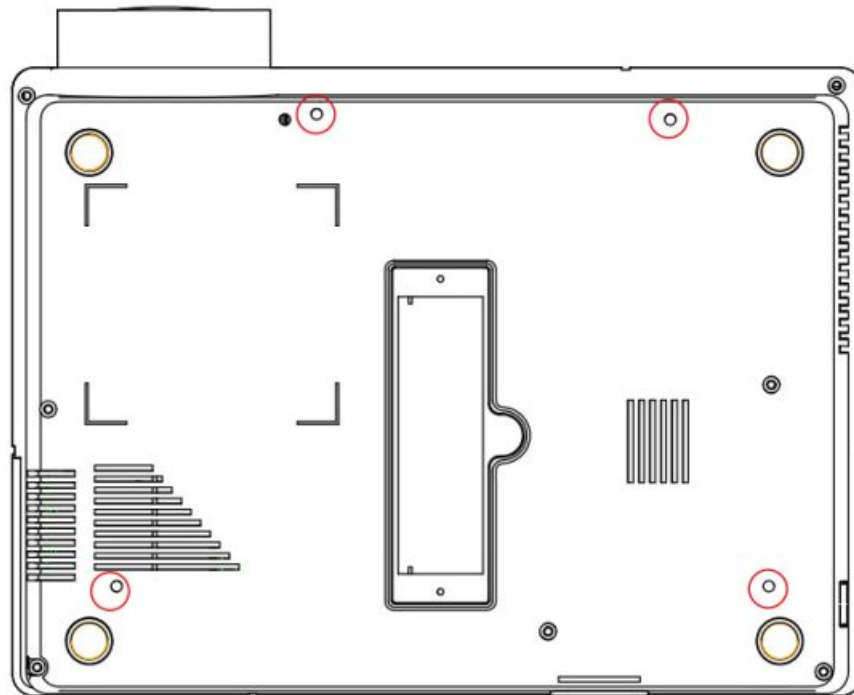
## INSTALL ON THE CEILING

1. Please purchase a Universal Projector Ceiling Mount Kit and four M4 x 10 screws.




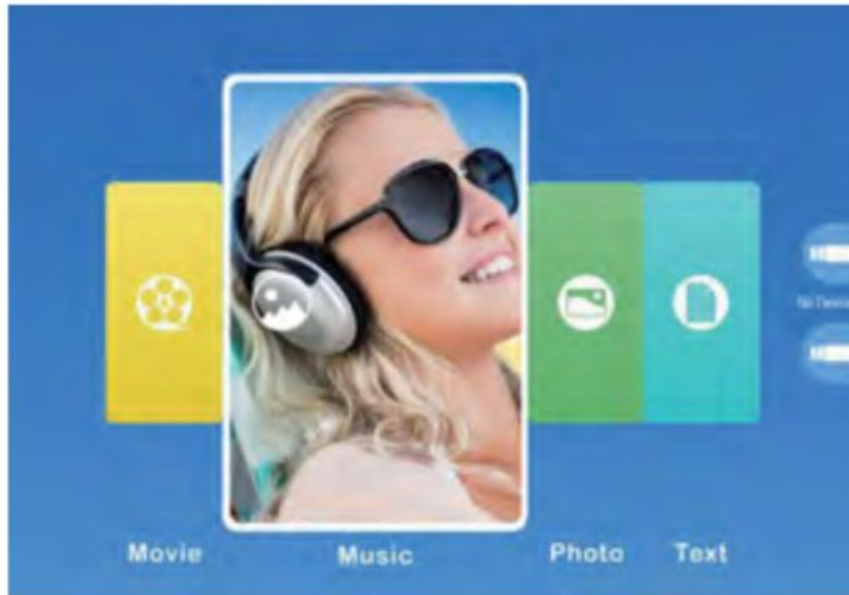


2. Open the 4 buttons on the back of the projector and use the M4 \* 10mm screws to hang the projector on the stand.




## SETTING UP PROJECTOR

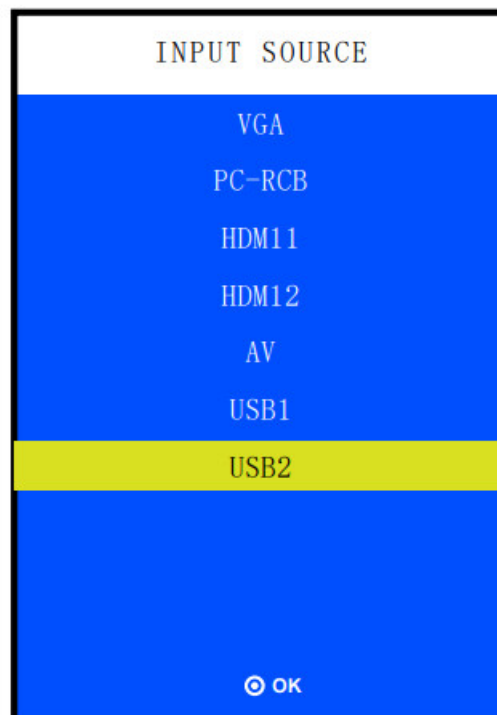
The projector's normal start-up screen is as follows. If the first projection screen is not this one, press the “” button on the remote control to select the USB source.








### Select the Input Source

When the “No Signal” prompt appears, you need to select the input source:

1. Press the “” button on the remote control to select the desired signal, then press the OK button on the remote control.
2. Once the signal is detected, the selected source information will be displayed on the screen after a few seconds.

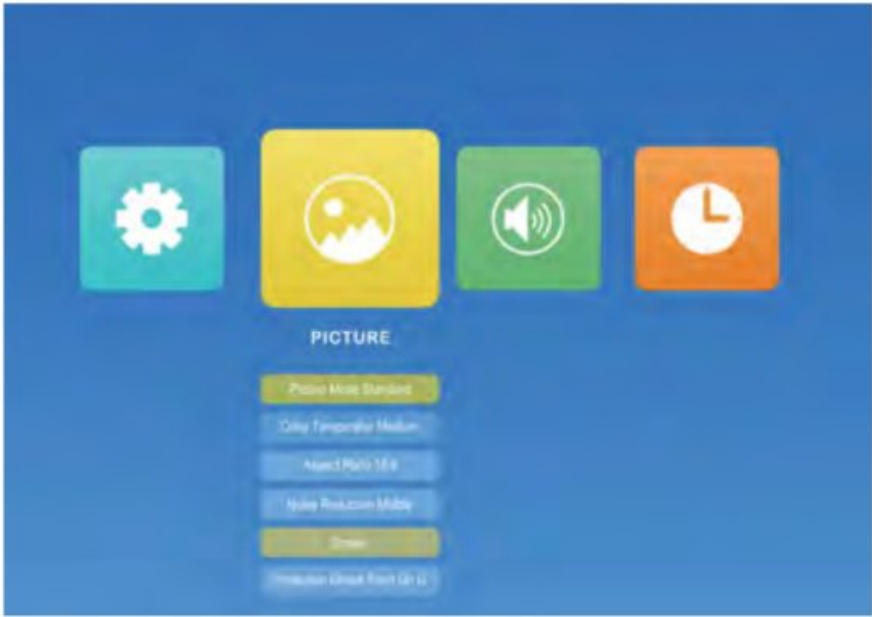


### Menu Setting Method

1. Press the “” on the remote, then the menu picture will display on the screen.
2. Press the “ / ” key, and the menu will move to “PICTURE”>“SOUND”>“TIME”>“OPTION”.
3. Select the adjust interface, and use the “ / ” key to choose the wanted item.

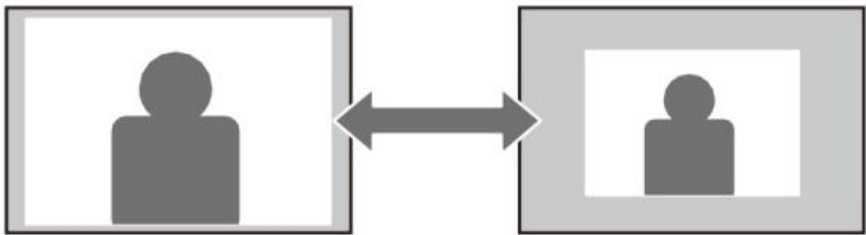
4. Press“OK” or “◀ / ▶” to adjust the item parameter.

PICTURE MENU

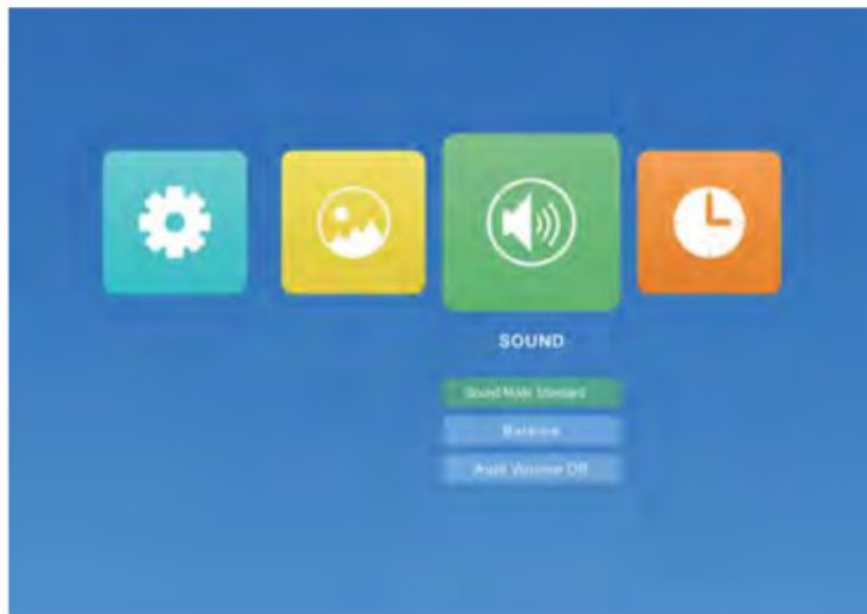


PICTURE MENU	MODE	FUNCTION
Picture Mode	Standard, Soft, User, Vivid	Switch among the image mode
Color Temperature	Medium, Warm, User, Cool	Switch among the color temperature mode
Aspect Ratio	Auto/ 4:3/ 16:9	Set up the aspect ratio of the image.
Noise Reduction	Off, Low, Middle, High, Default	Set up the intensity of noise reduction
Projection Direction	Front/Rear on Desk, Front/ Rear on Ceiling	Set up the projection mode
HOMI Mode	HEI Mode PC/AV	Set up the HDMI mode
Reduce display size	75%-100%	Reduce the projection size
Screen		To control devices connected through VGA by remote control.

You can reduce the height and width of the original size by up to 25%.

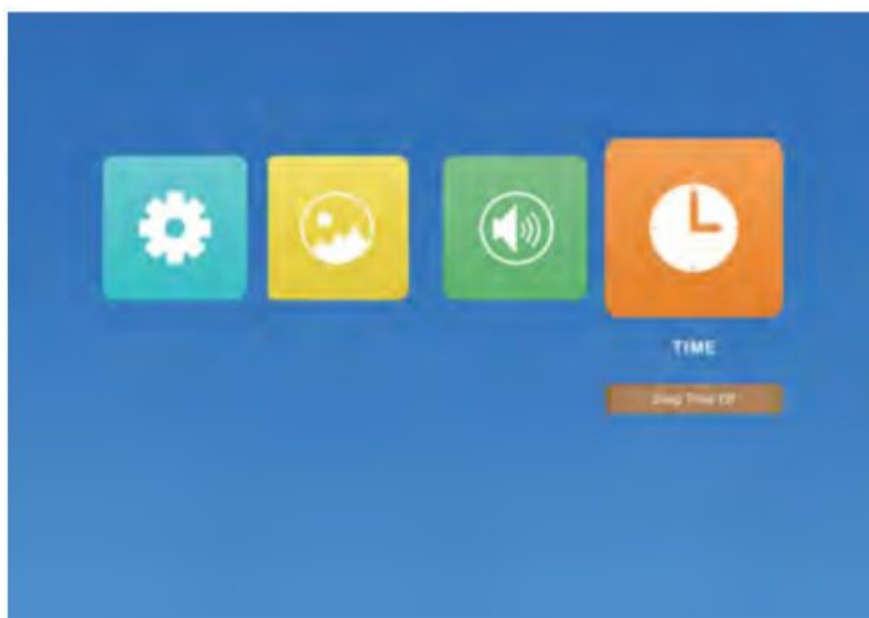


SOUND MENU



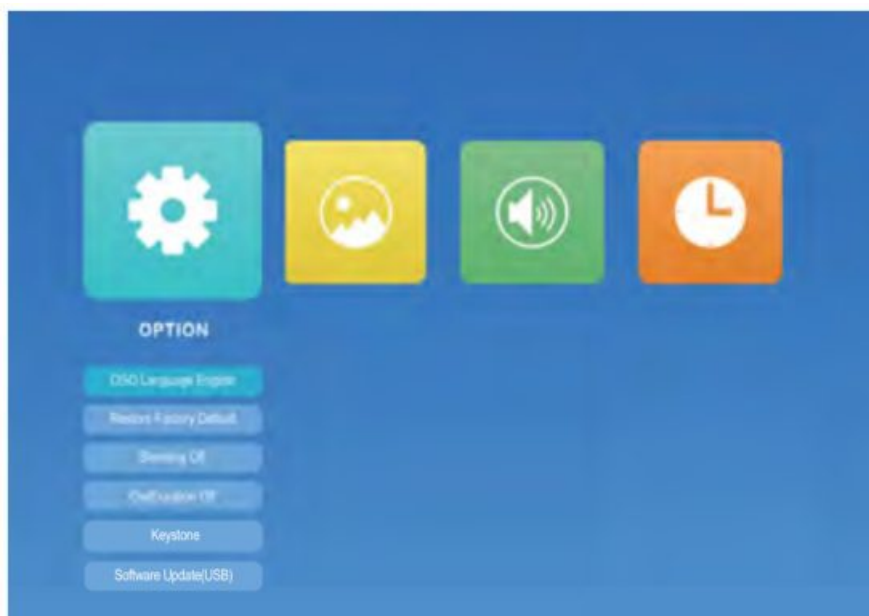
SOUND MENU	MODE	FUNCTION
Sound Mode	User,Standard,Music,Movie,Sports	Set up the sound mode
Balance	-5050	Balance the sound of the left and right channels of the speaker
Auto Volume	On, Off	Intelligently adjust volume

## TIME MENU



TIME MENU	MODE	FUNCTION
Sleep Timer	Off/min/20/min/30/min,etc	Shut off the projector after a set amount of time.

## OPTION MENU



OPTION MENU	MODE	FUNCTION
OSD Language	English, France, Italian, Spanish, etc.	Set up the language displayed in the operation interface
Restore Factory Default		Reset the projector
Blending	Off, Low, Middle, High	Adjust the transparency of the menu interface
OSD Duration	Off, SSec, IOSec, 15Sec	Adjust the duration of keeping the menu in interface
Keystone	Horizontal/Vertical/Rotate/Auto Adjust On or Off/Reset	Horizontal/Vertical Keystone Correction-45/one-click recovery
Software Update(USB)	Update software	Update the projector's software version

Note:

1. Vertical Adjustment Range:  $-45 \sim +45$ :

If increase the vertical parameter is, the top of the projected screen will gradually be smaller; If decrease the vertical parameter, the boom part of the projected screen will gradually be smaller.

2. Horizontal Adjustment Range:  $-45 \sim +45$ :

If increase the horizontal parameter is, the right side of the projected screen will gradually be smaller; If decrease the horizontal parameter is, the left side of the projected screen will gradually be smaller.

3. Rotate Function Range:  $-45 \sim +45$ :

When the projector is suspended from the ceiling, it is convenient to rotate the screen with this button.

4. Auto Vertical Keystone Correction: On/Off



Turn on the auto vertical keystone correction, if the projector detects that the vertical direction is not a rectangle, it will automatically adjust the shape of the vertical direction.

Reset: Press this button, it can restore all the parameters to 0 (including keystone correction and rotate parameter)

## Connecting to the Computer

Use the HDMI or VGA cable in the package to connect with the projector.

(An HDMI connection is recommended for projecting movies, videos, and other files which need to be HD.)

1. Turn on your computer and the projector;
2. Connect the HDMI/VGA cable to your computer's HDMI/VGA port;
3. Connect the other end to any available HDMI/VGA port on your projector;
4. Press the "Source" button to enter the interface of Input Source;
5. Select HDMI/ PC-RGB source to project any files on your computer;
6. On your laptop, hold down the key  Win +  board keys to change your display mode:



**The computer only:** is the default option – only displays on the main monitor.

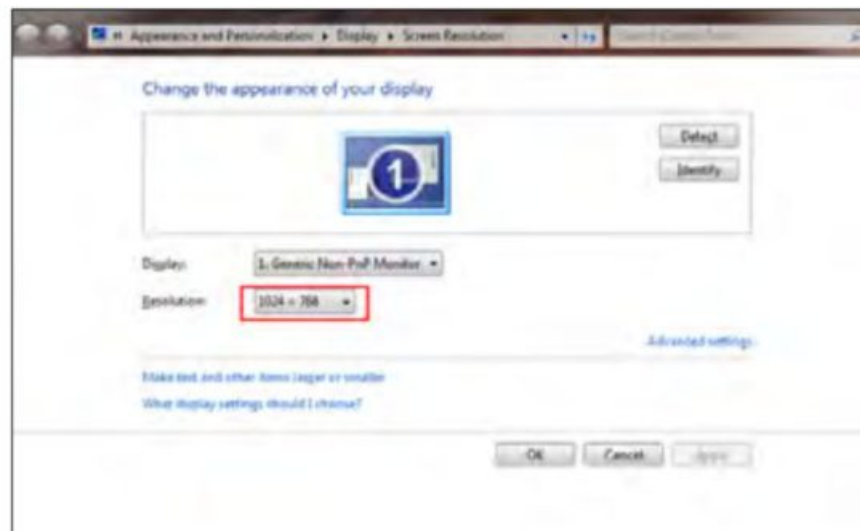
**Duplicate:** makes all of the monitors display the same thing by duplicating the desktop on each monitor.

**Extend:** makes all of your monitors act like one big monitor extending the desktop across all of them

**Projector only:** Displays only on the secondary monitor like a projector.

7. You can change your screen resolution:

Choose Start→Control Panel→Appearance and Personalization→Adjust Screen Resolution



(**Note:** VGA connection can only transmit analog signal of video not audio. An external speaker is required when the device is connected via VGA cable.)

## Connecting to the Mobile Device

Connect with Android phone:

(Note: check if your Android phone supports the MHL function or not, and the MHL-HDMI cable is not included)

1. Connect the projector and the Android smartphone with the MHL-HDMI cable.
2. Choose the signal source: "HDMI"

**Connect with the IOS system:**

1. Connect the projector and iPhone with a Lightning-to-HDMI cable (not included)
2. Choose the signal source: "HDMI"

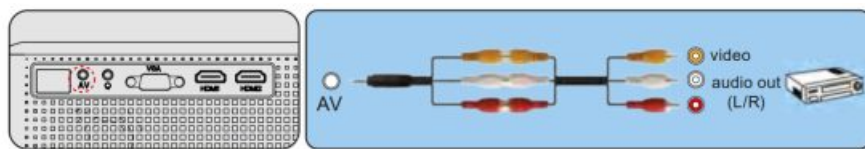
### Connect with an Anycast:

1. Plug in Anycast with the micro USB port and another USB port to your power adapter.
2. Connect Anycast to your Projector's HDMI port and switch the Projector source to HDMI.
3. You will see the Anycast main menu on the Projector screen.

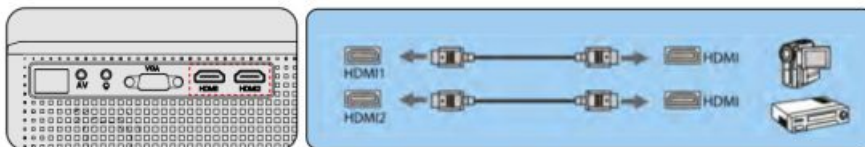
### Connecting to the DVD Player

Use the AV cable in the package.

1. Turn on your DVD player and the projector;
2. Connect the colorful female connectors to your DVD player's RCA cable;
3. Connect the black connector to the Audio-in port of the projector;
4. Connect the yellow connector of another side to the video port of the projector;
5. Press the Source button on the projector or the S button on the remote to select the correct AV source.

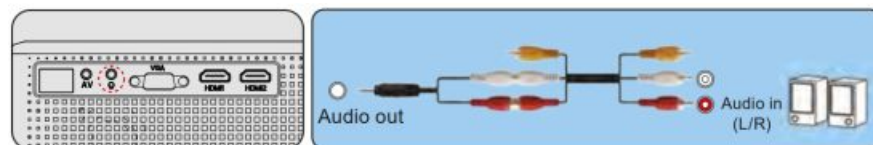


Or use the HDMI cable in the package:



### Connecting to the Soundbar

1. Use the supplied AV cable to connect the soundbar to the projector.
2. Turn on the projector and the soundbar.



If the display of the projector is available but without audio:

Due to copyright issues, the projector does not support Dolby Sound. For the BD player, please turn off the Dolby Sound function.

### WARRANTY

Thank you so much for your purchase and support!

Our product provides a 3-year warranty. Any questions please feel free to contact YABER via [service@yabertech.com](mailto:service@yabertech.com).

## TROUBLESHOOTING

The problems listed below might occur during the operation of your projector. Please refer to the possible factors which might cause the issue to do troubleshooting.

1. Why is the display of the projector available but without audio?

- \*The Projector or the connected device (PC, DVD, etc.) is muted
- \*Dolby sound is not supported, exit to play again
- \*The audio format is not supported by the projector
- \*VGA connection can only transmit analog signal of video not audio. An external speaker is required when the device is connected via a VGA cable.
- \*Encryption applied to the videos or media player which holds the video. Try more videos to define this possibility.
- \*Exclude the above possibilities, try another HDMI cable /external speaker, and a 2.0USB disk within 32G/USB hard disk within 1TB to play directly to check if the video and audio are both available.

2. Why is the audio of the projector available but without display?

- \*The video format is not supported by the projector
- \*Encryption applied to the videos or media player which holds the video
- \*If the lamp of the projector is off with only audio playing, the lamp is defective. Please contact YABER for a replacement.
- \*Try another HDMI cable if you select the HDMI input source

3. Why does the projection screen show no signal?

- \*Make sure all cables are plugged correctly and firmly
- \*Make sure you select the right input source. For example, if you insert a USB drive, please select USB in the interface of Input Source
- \*USB 2.0 disk is supported on this projector. If a USB 3.0 is connected, it will only show No Signal.

4. How can I do if the image is blurry or out of shape?

- \*Adjust the focus and keystone ring by moving it reward/rightward all it shows the best images
- \*Place the projector on a flat surface horizontally or vertically. An inclination of any angle may result in blurry displays or uneven colors
- \*Darker environment suggested achieving the best projecting performance
- \*The eligible distance of 5.8ft /50 inch- 18ft/200 inch between the projector and projecting screen/wall
- \*Projecting wall or screen is clean white if possible.

5. How can I do if the image is upside down?

- \*Enter Menu-Picture-Projection Direction to flip the projection image accordingly.

6. What can I do if the projection screen is not square or allied horizontally?

- \*Make sure the projector is placed on a flat surface with a projector light in the middle of the screen.
- \*Make sure the projector screen is placed horizontally.

7. What can I do if there is color distortion?

- \*Make sure the video source has a fine resolution.
- \*Adjust the colors: enter Menu-Picture-Color Temperature, then select different modes and adjust the value accordingly.
- \*Reset the projector to manufacturer setting: enter Menu-Open-Restore Factory Default to reset.

8. What can I do if the remote is unresponsive?



\*Make sure the batteries are installed correctly and the power is enough.

\*The remote works with the projector through the IR receiver. The remote works only when the IR receiver is within the direct reason distance and will be unresponsive if the IR receiver is blocked or covered.

9. What should I do if there are small dots on display?

\*It may be caused during installing or shipping, please contact YABER to get the video about how to clean it.

10. Can this projector support 3D effect?

\*The projector supports a 3D video source, and 3D viewing performance is achievable with Red-Blue 3D Glasses, but please understand the experience will not be beer than in the theater and we do not recommend it if you have a higher expectation about 3D effect.

11. Why doesn't anything work in the main interface, especially with external storage connected?

\*Correct input source must be selected when you use the USB disk or other device; otherwise, No Signal will be shown on the screen.

12. Why doesn't the projector's lamp light up?

\*Please contact YABER for assistance when this occurs.

13. What kind of cable do I need when connecting TV BOX, Firestick, and DVD Player to the projector?


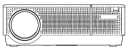

\*HDMI cable for all devices mentioned above. For some PC without an HDMI ports, a VGA cable will work. Certain DVD players require the AV cable connection.

14. Why do some lag/jerky appear when playing video or play games?

\*Due to the technical bottleneck of the current 1080p projectors, most of the 1080p projectors on the market cannot smoothly play 1080p/60fps videos. Hope you could understand.

Please change the 1080p/60fps to 1080p/30fps. If the problem cannot be resolved, please contact [service@yabertech.com](mailto:service@yabertech.com).

## Documents / Resources

  	<a href="#">Yaber Y31 TFTP LCD Projector</a> [pdf] Instruction Manual Y31, TFTP LCD Projector, Y31 TFTP LCD Projector
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## References

- [🌐 instellung.Bi](#)
- [🌐 temp.de](#)
- [📺 Se connecter à un projecteur avec Windows 7 - YouTube](#)
- [📺 Modifier la résolution de l'écran - YouTube](#)