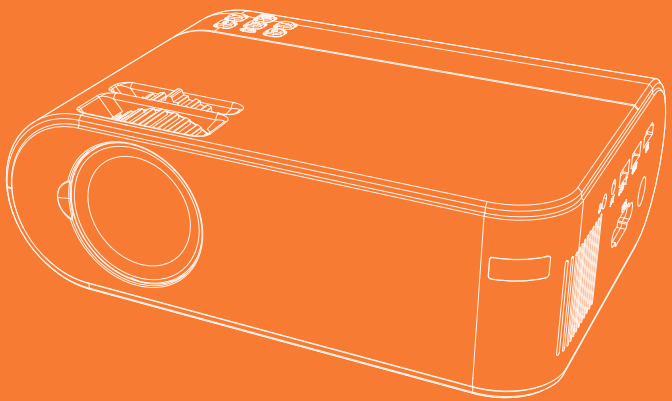
Yaber

Entertainment Projector



U2 Projector

V.22.5.19

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YABER Lifetime Professional Support

Dear Customer,
Woohoo! Your projector is already in your hands! Let's get started!

Do you have any questions on how it works? Please read this manual thoroughly before using the projector. Are you satisfied with your projector? If you have any issues, email your order number and description of your issue to: **aftersales@yabertech.com**. Send your email ASAP, as we want to fix your issues the first time you have them.

Customers sometimes can experience some confusion when using the projector. Rather than trying to communicate directly with us, many buyers instead just leave a review on the product page. However, most negative reviews are caused by non-standardized use rather than a defect in the product itself. 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.

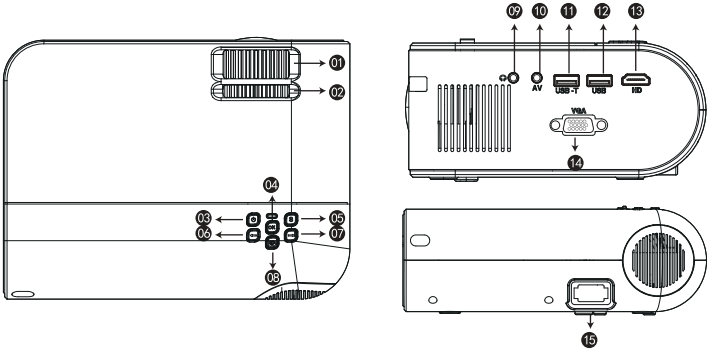
Therefore, if you have any questions, please contact us and give us an opportunity to improve. We guarantee that we will provide you more satisfactory solution.

Thanks for your understanding!
Best regards,
YABER TEAM

Product Packing List

- ●U2 Projector * 1
- ●Power Cord * 1
- ●Instruction Manual * 1
- ●3-in-1 AV Cable * 1
- ●HDMI Cable * 1
- ●Lens Cleaning Cloth*1
- ●Support Base*1
- ●Remote Control * 1 (Batteries not included)
- ●Projector Screen*1

Product Description



01.Focus Ring
02.Keystone Ring
03.Power
04.OK
05.Source
06.Left Move
07.Right Move
08.Return
09.Earphone Port
10.AV Port
11.USB-T
12.USB
13.HDMI
14.VGA
15.Power Cable Port

	Name	Description
01	Focus Ring	Adjust the focus ring to get the clearest image.
02	Keystone Correction	Adjust the keystone ring to get a rectangle shape.
03	Power	This button can lead the projector to working/ standby mode.
04	OK	Confirm
05	Source	Choose Source (AV,HD,VGA,MEDIA,Screen)
06	Left Move	Left Move
07	Right Move	Right Move
08	Return	Back
09	Earphone Port	Earphone port
10	AV Port	AV input

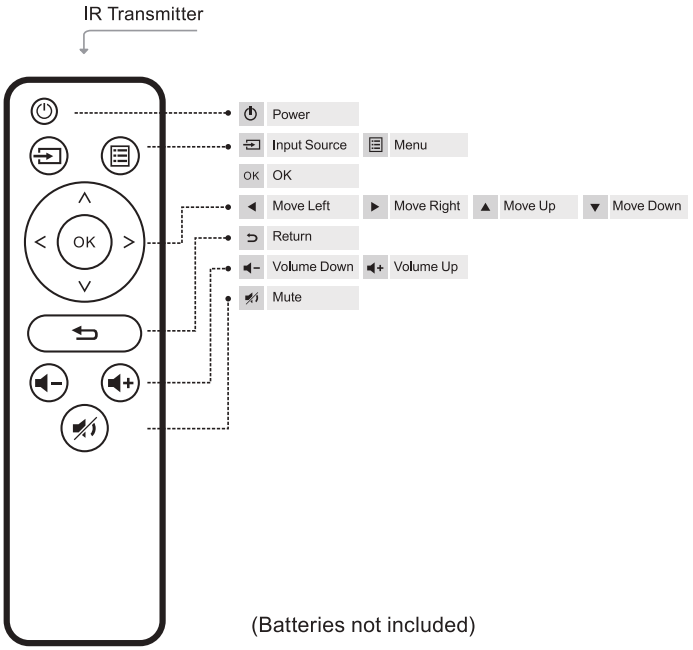
11	USB-T	Wired screen mirroring port (With Original USB cable)
12	USB	USB port
13	HDMI	HDMI input
14	VGA	VGA input
15	Power Cable Port	Plug the power cable

Pictures shown are for illustration purpose only.Actual product may vary due to product enhancement.

Projector Specification

INative Resolution	1280*720p	Recommended Projection Distance	3.6-14.2ft
Display Technology	LCD	Minimum Projection Distance	3.6ft
Light Source	LED	Keystone Correction	±15°Manual
Display Colors	16.7M Full Color	Power Voltage	AC 100-240V
Aspect Ratio	4:3/16:9/ zoom1/zoom2	Projection Method	Front/rear on desk, Front /rear on ceiling
Projector Weight	2.2lb	Focus	Manual Operation
Picture File	bmp./jpg/png/gif	Audio File	AAC/MP2/MP3/ FLAC/WAV
Video File	MP4/MKV/MPG		
Port	AV, USB, USB-T, HDMI, VGA, 3.5mm Headphone Jack		

Remote control



Replace the remote control battery

1. Push to open the battery cover.
2. Remove both old batteries and install new ones (AAA). Make sure that the polarity of the batteries (+/-) is correctly aligned.

Thanks

Thank you very much for purchasing the YABER U2 projector.
Please read this instruction manual carefully before use. Also, please keep it handy so you can check it at any time.
If in doubt, do not hesitate to contact **aftersales@yabertech.com**.
We can provide after-sales service until satisfaction.

Please Attention:

The Mirror display function doesn't support protected videos due to copyright protection. (Netflix, Prime Video and Hulu etc.)

Important safeguards

These safety instructions are to ensure the long life of the projector and to prevent fires and shocks. Read them carefully and pay attention to all warnings.

Installation

1. For best results, use the projector in a dark room.
2. Place the projector on a flat, level surface in a dry area away from dust and moisture.
4. Exposure to direct sunlight, smoke or steam may damage internal components.
5. Handle the projector carefully. Falling or shaking can damage internal components.
6. Do not place heavy objects on top of the projector.

Adjust the Tilt Base and Hang Ceiling

Adjust the tilt base:

Install the screws (included in the package) to place ①, lift the front edge of the projector to the desired height.

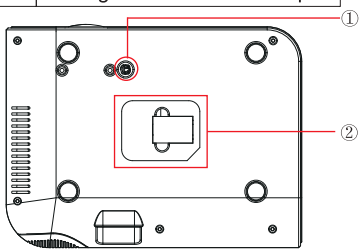
Hang ceiling:

Please purchase the projector stand and M5 screw additionally.

Install the projector stand to place ①, and hang the projector on the ceiling.

(Note: You can install the Tripod Stand to the place ①)

2	Dusting mouth	Cleaning the dust through the dusting mouth if has black spot



Supply

1. The projector is designed to operate with a 100-240 V ~ 50/60 Hz AC adapter. Ensure that the power supply meets this requirement before attempting to use the projector.
2. Handle the power cord carefully and avoid bending it too much. A damaged cord can cause electric shock or fire.
3. If the projector will not be used for a long time, unplug the power cord from the outlet.

Cleaning

1. Unplug the projector before cleaning it.
2. Periodically clean the cabinet with a damp cloth. If it is very dirty, use a mild detergent. Never use strong detergents or solvents such as alcohol or thinners.
3. Use a blower or lens paper to clean the lens and be careful not to scratch or damage the lens.

FAQ

1. At the time of switching on, the indicative light does not work
①. The power supply may not be well connected
②. Check the overheating protection system

2. Pressing the power button on the remote control does not turn on the projector
①. The remote control batteries are empty
②. The signal between the remote control and the IR sensor is obstructed
③. Strong direct light on the IR sensor?

3. No image on the screen
①. Is the channel setting correct?
②. Is there an input signal?
③. Is the input cable inserted correctly or is it in the wrong position?
④. In PC mode the refresh rate is> 75KHz?

4. The image works but there is no sound
①. Are the input cables connected correctly?
②. Volume at minimum or silent
③. Check that the audio format of the video is in the supported list

5. Turns off automatically after being turned on for a while
①. Is there a barrier around the fan?
②. Small or large voltage fluctuations
③. Check the overheating protection system

6. I can not find devices connected with hard drives or flash drives
①. Re-insert the device
②. Check if the device is working

7. Unable to play video
①. Is the video format correct?
②. The file is corrupted?
③. The device is damaged

STARTING PROJECTOR

Turn on the projector

1.Install two AAA batteries in the remote control before using.

2.Remove the lens cover of the projector.

3.Press the Power key on the remote controller or panel, the indicator light turn off from Red..

4.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 "S" button on the remote controller and select Media source.

5.Adjust the keystone ring to get a rectangle shape.

6.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.)

7.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.

8.Press the Menu button on the remote control to enter [Setup] option - OSD Language to set your preferred language.

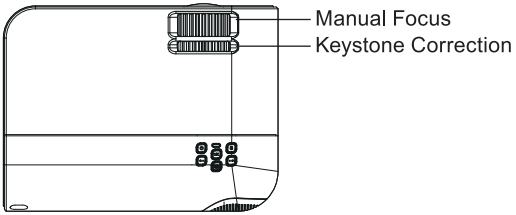
Turn off the projector

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.

Keystone and Focus

If the projected image is in a trapezoidal shape, it can be resolved by Keystone correction. (Do Manual Keystone Correction)



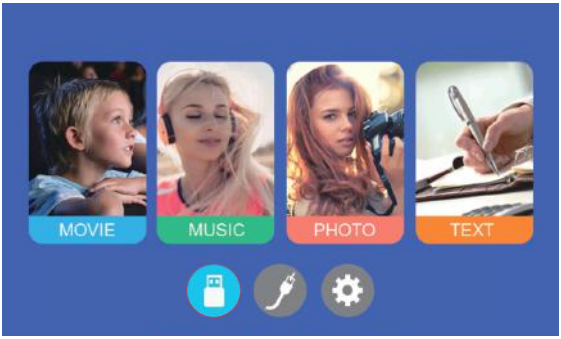
Note: If the Keystone correction fail to resolve image shape, please reduce the vertical height of the projector in relation to the center of the screen.

The projected image may be blurry or difficult to see, this is due to lack of Focus adjustment with the lens, please follow the processes below to adjust the Focus. (Do Manual Focus, find the most sharpness picture on the screen)

Note: It is normal when sharpness in the central, blur in the edge.

Setting the Main Menu:

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 controller or "S" on the projector to select Media source.

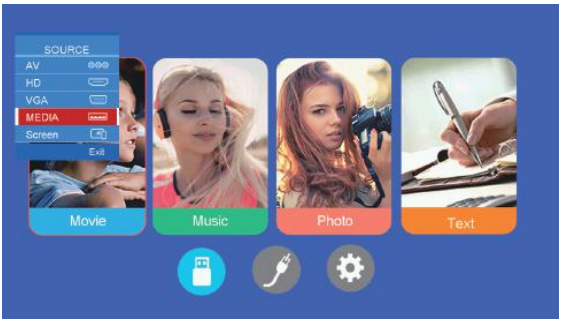


Select the Input Source

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 to conform the input source by the remote control.

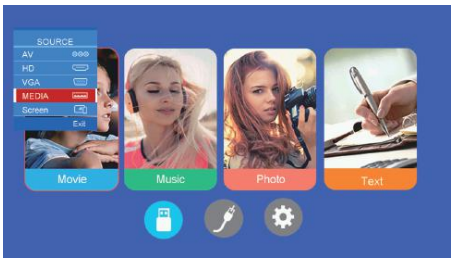
2. Once the signal is detected, the selected source information will be displayed on the screen after a few seconds.

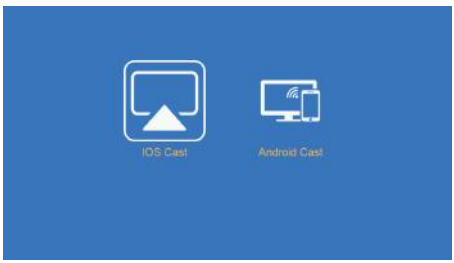


Screen Mirroring Methods

Warming Tips:

1. The fluency of screen mirroring with wireless connection will be affected by the network environment. A bandwidth of 100Mbit or more is recommended when using screen mirroring.
2. Make sure your mobile device is close to the projector when using wireless connection. A distance within 1 meter is recommended.
3. Some mobile devices may not support screen mirroring due to the compatibility.
4. Any questions, please feel free to contact YABER via **aftersales@yabertech.com.**





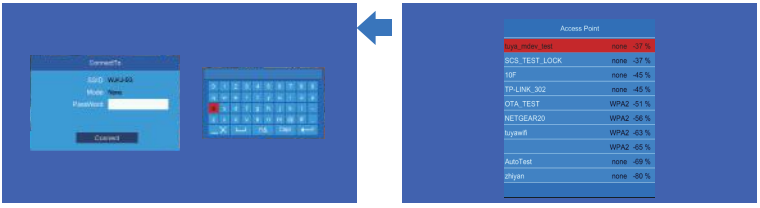
At first, turn on the the projector, press the " " bottom on the remote controller,then it will shows "Source" option on the projection image. Choose the "Screen ", then press "OK" you will get this menu:

Wireless Projection Method

1. IOS Cast(for IOS Devices)

Step 1

Select "IOS Cast" with left or right move button on the remote controller or projector,then press the OK button to enter the Network Setup - Select your home WIFI from the list - Connect the U2 projector to your home WIFI.



Step 2

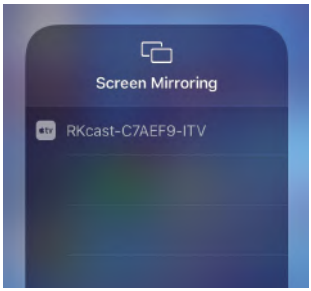
Select the [Settings] menu on your IOS device - Turn on the [WIFI] function - Connect your IOS device to the same home network as the projector.

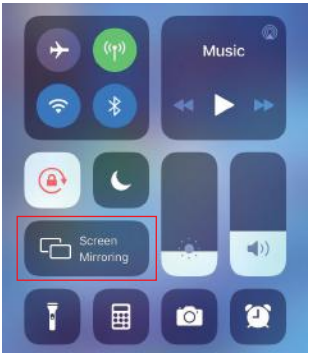
Step 3

Open Control Center- Tap the Screen Mirroring button-Connect [RKcast-xxxxxx]

① Open control center.

② Tap on Screen Mirroring-Select the Device name [RKcast-xxxxxx]





2. For Android Users

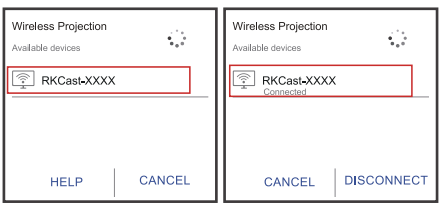
Android Cast(for Android Devices)

Step 1

Select "Android Cast" with left or right move button on the remote controller or projector, then press the OK button to enter Android Cast.

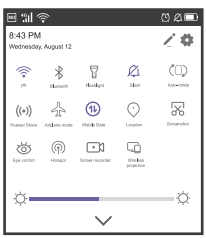
Step 2

Select the [Settings] menu on your Android device -- Select the [Screen mirroring] function -- Select your Miracast receiver named [RKCast-XXXX] -- your Android device screen will be displayed on the projection screen after 3 seconds.



Step 3

On your Android device, tap [Settings] -[WLAN Display] -Turn [Wi-Fi] ON, Connect your home WiFi.



Menu Setting Method

1.Press the " ☰ " on the remote controller, then the menu picture will display on screen.

2.Press"◀/▶"key, the menu will move to "Picture>Sound>Projection>-Time>Setup".

3.Select the adjust interface,use"▲/▼" key to choose the wanted item.

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

5.Press" ⮌ " to quit the chosen menu after finishing adjusted, and then can choose other menu by pressing "◀ / ▶"key.

PROJECTOR IMAGE SETTING

Picture Menu

PICTURE MENU	MODE	FUNCTION
Picture Mode	Standard, Mid, Personal, Dynamic	Switch among the image mode
Brightness	0~100	Adjust the brightness parameter 0-100
Contrast	0~100	Adjust the contrast parameter 0-100
Sharpness	0~100	Adjust sharpness parameters 0-100
Saturation	0~100	Adjust saturation parameters 0-100
Color Temp	Standard, Warm, Cool	Adjust color temperature
Aspect Ratio	Dot to Dot,4:3,16:9, Full,Zoom1,Zoom2	Ajust the video aspect ratio
Screen Mode	Auto,Video,VGA	Ajust screen mode
Advanced Settings	Strong, Medium, Weak, Off	Adjust dynamic contrast

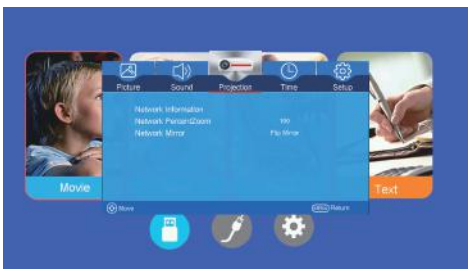
Note:

Only if you open the movie, the aspect ratio could be adjusted by PICTURE MENU. PICTURE MENU couldn't change the parameter of aspect ratio in other situation.

Sound Menu

SOUND MENU	MODE	FUNCTION
SOUND MODE	Personal, Standard, Music, Movie	Set up the sound mode
Treble	0~50	Adjust the treble parameter 0-50
Bass	0~50	Adjust the bass parameter 0-50
Balance	0~50	Adjust the balance parameter -50~50
Surround Sound	On, Off	Set up the surround sound mode
AVL	On, Off	Set up the AVL(AUTO VOICE LEVEL) mode

Projection Menu



Projection MENU	MODE	FUNCTION
Network Information	WIFI List	Display WiFi access point
Network PercentZoom	75%~100%	Reduce the screen size up to 25%
Network Mirror	Flip Mirror, Normal, Flip, Mirror	Set up the projection mode

<ZOOM Function>

When playing an image or video, if you want to reduce the size of the projected image or video, you can use the remote control to select the

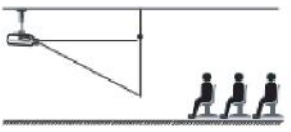
ZOOM to adjust the projection size:

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

Network Mirror（projection mode）

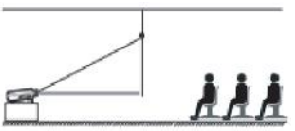
The projector can be hanged on the ceiling with special hanger frame, and placed on the stable desk to project the image according to the operating environment and requirements. In addition, the projector can be installed with following methods:

1.Front projection Ceiling mount



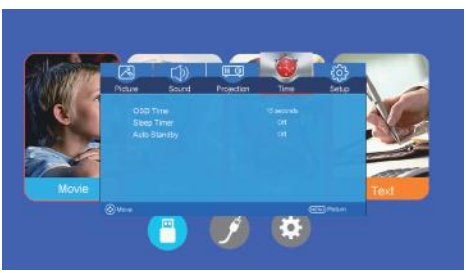
2.Rear projection Ceiling mount

3.Front projection Table mount



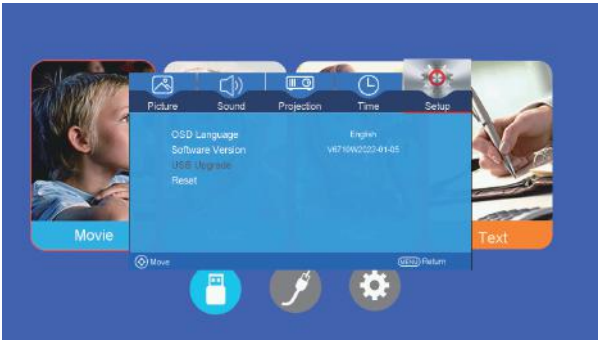
4.Rear projection Table mount

Time Menu



Time MENU	MODE	FUNCTION
OSD Time	Off, 5Sec, 15Sec, 30Sec	Adjust the duration of keeping the menu interface
Sleep Timer	Off/5min/15min/30min/60min, etc.	Shut off the projector after a set amount of time.
Auto Standby	Off/3 hours/4 hours/5 hours	Automatic sleep times

Setup Menu



Setup MEMU	MODE	FUNCTION
OSD Language	English, France, Italian, Spanish,etc.	Setup different language
Version		Display system version
USB Upgrade		Upgrade the system version
Reset		Reset the projector

To update the system

1.After decompressing the installation package, put it into the root directory of the U disk.

2.Insert the USB flash drive into the USB port, do not insert it into the USB-T port.

3.Select the USB Upgrade function.

4. After the system upgrade is complete, you need to unplug the U disk, unplug the power cord to shut down, and boot to restart.

PROJECTOR CONNECTIONS

1. Connecting to the Computer

Using the HDMI or VGA cable to connect with 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;

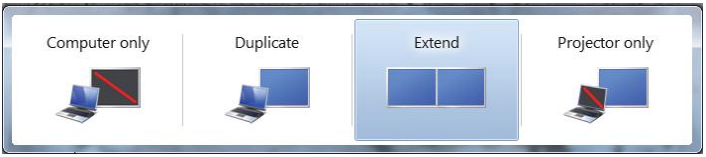
(2)Connect the HDMI/VGA cable to your computer's HDMI/VGA port;

(3)Connect the other end to any available HDMI/VGA port on your projector;

(4)Press the “Source” button to enter interface of Source;

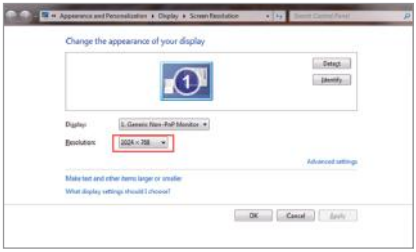
(5)Select HD / VGA source to project any files on your computer;

(6)On your laptop, hold down the keyboard keys ⊞ Win + P to change your display mode:

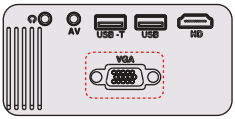


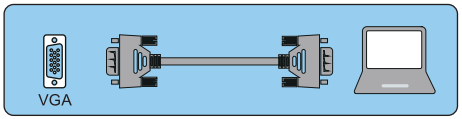
Computer only: is the default option – only displays on the main monitor.
Duplicate: makes all of the monitors display the same thing duplicating the desktop on each monitor.
Extend: makes all of your monitors act like one big monitor extending the desktop across all of them
Projector only: Displays 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.)

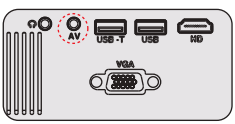


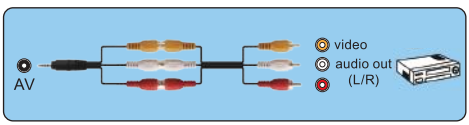


2.Connecting to the DVD player

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

If your player has an HDMI output, it is best to use it over the analog (AV) option. Audio output must be configured from the DVD player menu if external speakers are installed.

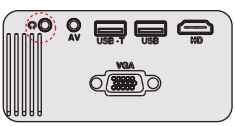


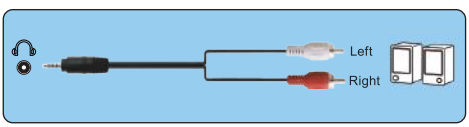


(3-in-3 AV cable not included)

3. Connecting to the soundbar

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





PROJECTION DISTANCE AND SIZE

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

Distance (ft.)	Distance (cm)	Screen Size(in)
3.6	110	35″
6.1	186	60″
8.4	256	85″
9.7	295	100″
11.5	350	118″
14.2	433	147″

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

Thank you very much for purchasing the YABER U2 projector.
Please read this instruction manual carefully before use. Also, please keep it handy so you can check it at any time.

If you have any problem, please feel free to contact us (Email: **aftersales@yabertech.com**), we will always try to offer you a satisfactory solution.
FCC ID: 2A4K9-U2

FCC STATEMENT :

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

FCC Radiation Exposure Statement:

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.

WARRANTY AND SERVICE

We guarantee the unit TO BE free from defects in material or workmanship for a period of one (1) year from the date of purchase.

Should this unit be operated under conditions other than those recommended or at voltages other than the voltage indicated on the unit, or any attempts made to service or modify the unit, this will render WARRANTY VOID. The product you buy may sometimes differ slightly from illustration.

DISPOSAL:

Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

Declaration of Conformity

We (Manufacturer is responsible for this declaration)

YABER TECHNOLOGIES CO.,LIMITED.
(Company name)

Room 406,4 Floor,B Building,BanTian International Center,HuanCheng South Road,BanTian Street, LongGang District,Shenzhen, China
(Company address)

declare under our sole responsibility that the product
Trade name: Yaber
Equipment: Entertainment Projector
Model No. : U2

to which this declaration relates is in conformity with the essential requirement set out in the Council Directive on the Approximation of the laws of the Member States relating to LVD Directive(2014/35/EU) & EMC Directive(2014/30/EU) & RoHS(2011/65/EU) product is responsible to affix CE marking, the following standards were applied:

EN 62368-1:2014+A11:2017
EN IEC 62311:2020
ETSI EN 301 489-1 V2.2.3(2019-11)
ETSI EN 301 489-17 V3.2.4(2020-09)
ETSI EN 301 489-3 V2.1.1(2019-03)
EN 55032:2015+A11:2020
EN 55035:2017 +A11:2020
EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1:2019
ETSI EN 300 328 V2.2.2(2019-07)
ETSI EN 301 893 V2.1.1(2017-05)
ETSI EN 300 440 V2.2.1(2018-07)
IEC62321-3-1:2013
IEC62321-4:2013
IEC62321-5:2013
IEC62321-6:2015
IEC62321-7-1:2015
IEC62321-7-2:2017
IEC62321-8:2017

Full Name: George.wang Position: Approbation Manager

Signature: George.wang Place/Date: Shenzhen,China/Mar.04-2022

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