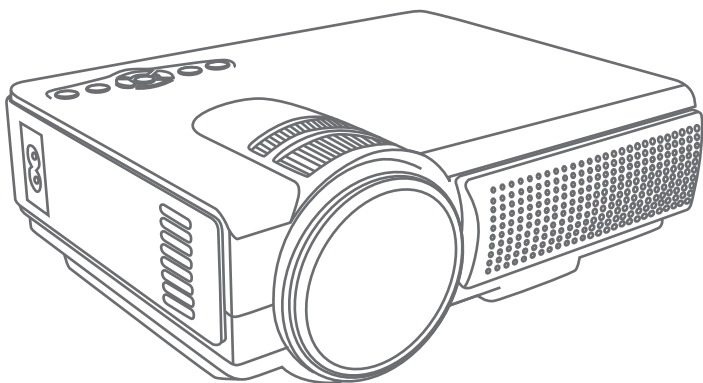


TENKER



**MINI LCD
VIDEO PROJECTOR**



www.tenker.co



support@tenker.co



1-855-558-8666(24 Hours Mon-Fri)

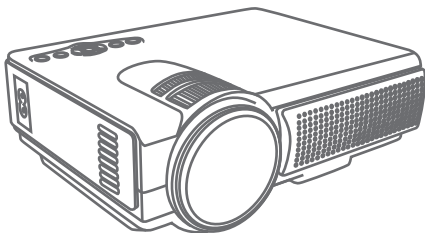
1. AGENDA

MINI LCD PROJECTOR BASIC VERSION: Q5

Thank you for purchasing TENKER Product.

This guide includes instructions and troubleshooting regarding installation and operation. Please review this manual thoroughly to ensure proper installation and operation of this product.

If you have any other problem, you can look forward to the manufacturer's website www.dbpower.co or contact seller by E-mail service support@dbpower.co for more help.



The instructions are basic reference about DBPOWER Product. Due to updating of products, there may be some differences. If you have any problem or questions, please contact us with customer service. Thanks!

1.1 PACKING LIST

Please contact our customer service if any damage or less delivery happens.

Mini LCD Projector	Power Cable	Remote Control	AV Signal Cable	User Manual
1 PCS	1 PCS	1 PCS	1 PCS	1 PCS

1.2 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 hurt your eyes.
- Please do not cover the cloth, carpet and other materials in the projector ventilation hole.
- Please do not put the projector under the rain or moisture to prevent electric shock.
- Please keep the projector away from the rain, water or any other liquid as it is not waterproof.
- Please turn off and cut off the power supply if not use the projector for long time.
- Please use the original packing foam or other anti-shock material when moving projector.
- **Please contact us for help first if the projector has any problem.**

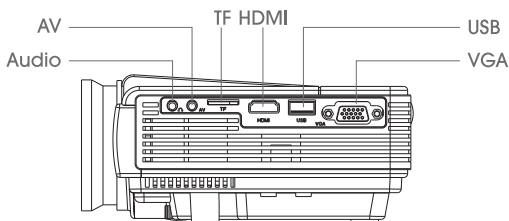
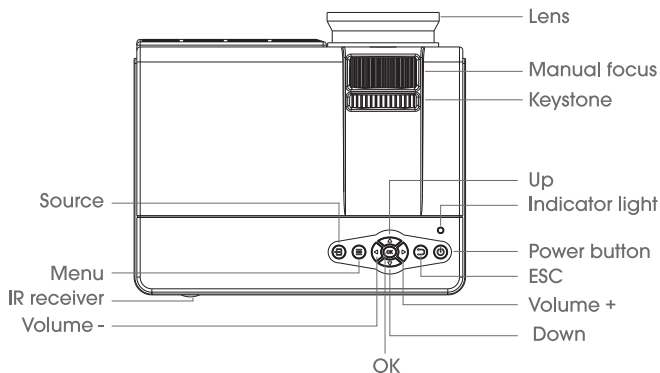
This Mini LCD projector comes with a 3-year warranty time. Please contact us if you want to know more warranty information.

(Warranty service does not include the frame, manual, packing and some subjective idea about the video sound image aspects)

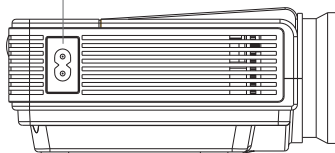
1.3 WARM TIPS

- Not recommended for PPT, World, Excel or other business presentation.
- To connect TENKER Mini projector with iPad or Smartphone, you need a wireless HDMI adapter. For android phone, which supports MHL, you need a MHL to HDMI cable. For iPhone / iPad, you need a lightning to HDMI adapter cable.
- To connect the mini video projector with PC/Laptop, please kindly adjust the PC/Laptop display resolution to 800*600 or 1024*768, which can provide the best clarity.
- Please note that it only provides clear image in dark room.

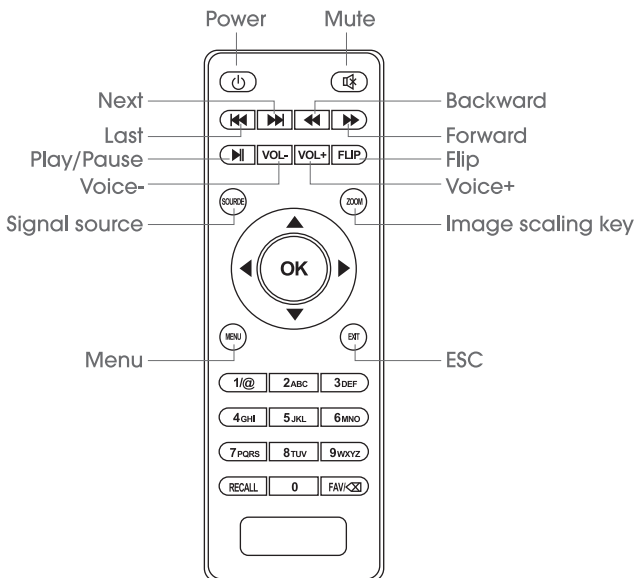
2. INTERFACE INTRODUCTION



Power input



2.2 REMOTE CONTROL INTRODUCTION



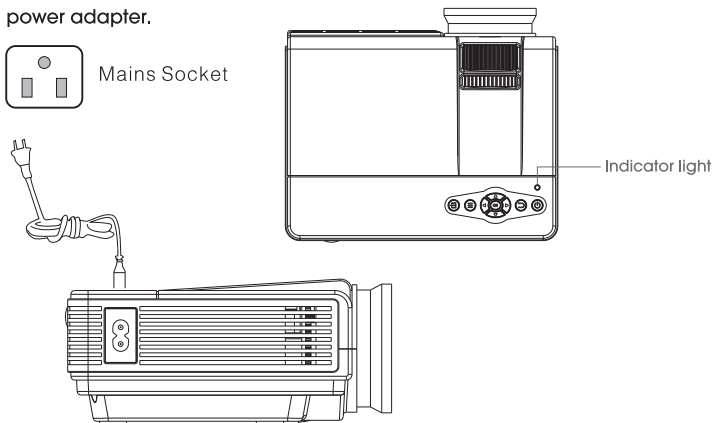
2.3 NOTICE

- Please don't mix using the new and old battery to avoid power shortage.
- Please do not put the remote control in high temperature or damp environments, to avoid damaged.
- Please take the battery out if not use the remote control for long time, to avoid battery leakage corrosion.
- Please take the remote control with the projector infrared ray receiver slot during using it.
- Please use the remote control within 6 meters distance & 30 degree angle.


3. INSTALLATION INTRODUCTION

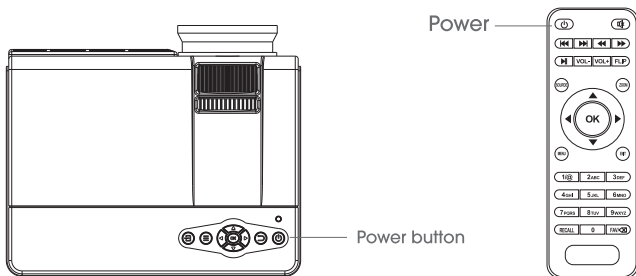
3.1 CONNECT THE POWER CABLE

The projector body will have an indicate light on after getting the power adapter.



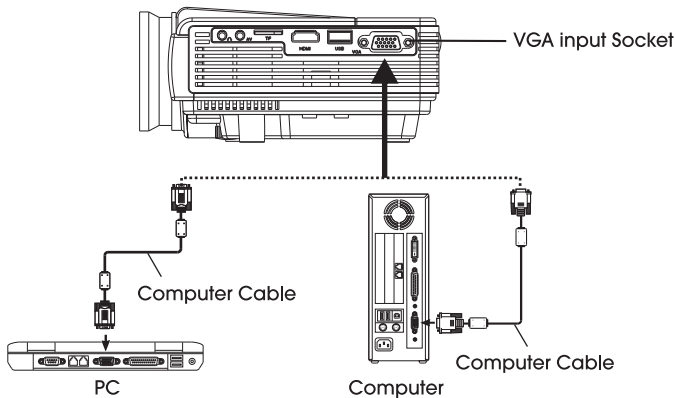
3.2 POWER ON / POWER OFF

Press  button or press remote control to get the projector on. After the projector gets power through the adapter, it goes into stand-by status.



3.3 MULTI-MEDIA CONNECTION

3.31 VGA input socket: Can be connected with computer and other VGA video signal output socket

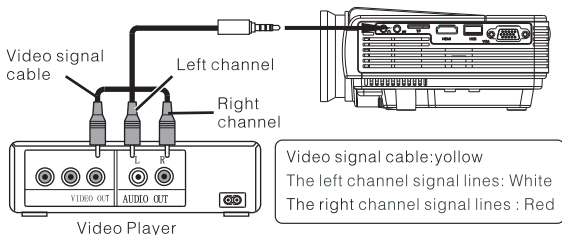


Please refer to the following table parameters to adjust the output signal of your computer.

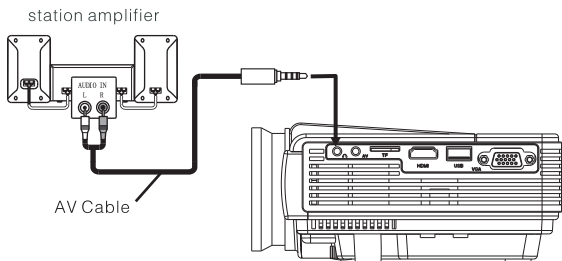
Type	Resolution		Frequency (KHz)	Field Frequency (Hz)	VESA
PC	VGA	640 × 480	31.5	60	
			34.7	70	
			37.9	72	
			37.5	75	
	SVGA	800 × 600	31.4	50	
			35.1	56	
			37.9	60	
			46.6	70	
			48.1	72	
			46.9	75	
	XGA	1024 × 768	40.3	50	
			48.4	60	
			56.5	70	

NOTE: When connected with a laptop, if the projector and laptop cannot display images at the same time, please set the computer display attributes and select CRT output mode.

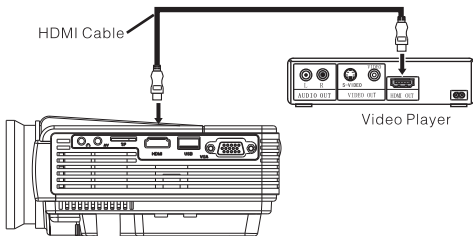
3.32 Video input socket: Can be connected with LD player, DVD player, video cameras, video player and other video output socket.



3.33 Audio output: Can be connected with external amplifier, speaker, earphone and other audio input socket.



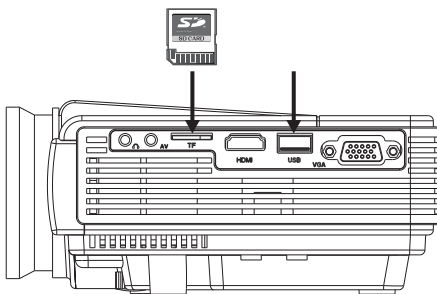
3.34 HDMI signal input socket: Can be connected with HD player, computer, tablet and other HD output socket.



3.35 TF / USB: Insert the TF card / Micro SD card / USB into the accordingly slot (Picture).

TF MAX: 64G

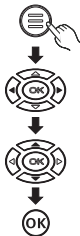
USB MAX: 250G, need external power supply for hard drive



3.4 MULTIMEDIA BOOT SCREEN

3.41 Multimedia boot screen

MENU



After starting the projector, press the "MENU" button on remote or "≡" on your projector to show the MENU screen. Then press "◀" "▶" to enter each sub-menu.

Press "◀" "▶" to select the sub-menu, and then adjust the parameters per your need, and press to confirm.

3.42 Input source selection



Press "Source" or "Ⓢ" to display the interfaces and then press "◀" "▶" to select the input signal you need: PC, AV HDMI, SD, USB

Press "◀" "▶" button to confirm the type of input signal
Choose the signal types you want to display and then press "OK" to confirm.

Choose the content which you need to display: video, music, photo or text.
Choose the file which you want to display, and then press "▶" to display or stop.

NOTE:

KEYSTONE

Sometimes the image projected on the wall is a little twisted like a ladder. We can adjust it with the keystone button. The keystone function is the technology that gets the normal display image by digital or optical technology.

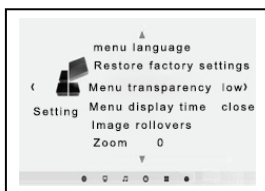
IMAGE FOCUS

Put the projector vertical to the projector screen or white wall, adjust the focus until the image is clear enough, then the focus is finished. During the focusing, you could display video or display the menu to check the adjustment.

4. MENU SETTING

4.1 Menu setup

Available adjustment: OSD language, restore factory setting, OSD duration, image flip, zoom.



Menu setup	
OSD Language	Adjust the display of menu language
Restore Factory	Default Restore factory settings
OSD Duration	OSD Duration setting
Image flip	Image flip mode adjustment
Zoom	Image zooming adjustment

Language selection

Refer to "Menu Basic Operation" section to switch to the right of the menu screen, and select a menu language.

Press the "OK" button to enter language options screen.

Press "◀" "▶" or button, select the language you want, and then press the "MENU" button to accept the settings and exit

Image flip

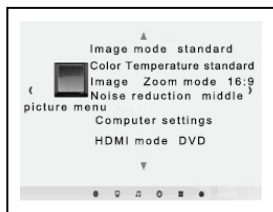
Refer to " Menu Basic Operation " section to switch to the right of the menu screen, and select a menu language.

Press "◀" "▶" button to select image flip.

Repeat press "OK" key to make the screen up, down, left and right flip

4.2 Picture menu

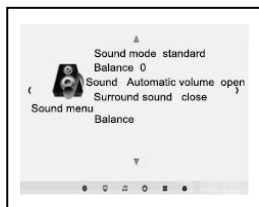
Available adjustment: Picture mode, color temperature, aspect ratio, noise reduction.



Menu picture	
Picture Mode	Picture display mode adjustment
Color Temperature	Picture display color temperature adjustment
Aspect Ratio	Image 4: 3, 16: 9, Zoom adjustments
Noise Reduction	Picture display Noise Reduction adjustment
PC Setting	Picture display PC Setting adjustment

4.3 Sound menu

Available adjustment: sound mode, balance, auto volume, EQ, surround sound



Sound mode	
Sound mode	Sound output mode adjustment
Balance	Audio output level adjustment
Surround	Sound Surround Sound setting adjustment
Fiber mode	PCM Fiber mode PCM setting adjustment
EQ	Audio equalizer setting adjustment

4.4 Deal with simple faults

Operation of this machine is very easy, and the same as using of an ordinary TV, generally will not encounter any difficulty, but sometimes the influence of some false failure phenomena appear because of using the peripheral devices or mains.

Please refer to the following instructions before repairing the machine, for troubleshooting. If the problem still exists after excluding the following possible failure, please contact the relevant technical staff.

1. After turning the power switch on the side, the light does not shine
 - Does Power cord plug in?
 - Does the outlet have a normal mains voltage?
 - Does the power on the rear side of the board are open?
2. After turning on the projector, no image on the screen
 - Does the Signal path of the projector select correct?
 - Does the power source device turn on?
 - Does the signal cable plug in?
 - Does the signal cable insert in the wrong position?
 - Under VGA input mode, does the computer display refresh rate set too high?
 - When using a portable computer, does the output of the computer have set to signal external display?
3. Press the power button of the remote control cannot turn up
 - Does the rear panel power of the projector have turn on?
 - Whether the remote control battery is dead?
 - Are there obstructions between the remote control receiver window and the projector?
 - Does the operating distance of the remote control and the projector too far?
4. Automatic shutdown after each boot for a period of time
 - Is the air inlet of the projector blocked by other objects?
 - Does this machine overheat protection?
5. Normal picture, but no sound.
 - Does the volume of the projector turn to minimum?
 - Is there a stereo audio signal output device?
 - Does the volume of the sound equipment turn to minimum?

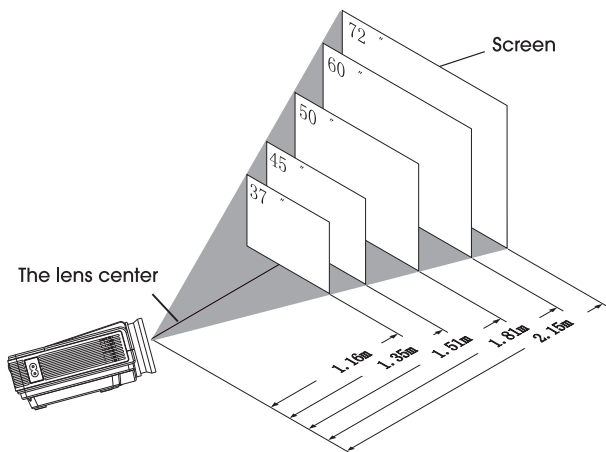
5. TECHNOLOGY FEATURES

5.1 Basic parameters

Projection Type	Mini Home Theater Projector
Display Technology	LCD
Light Source	LED
Lamp Life	20000+Hours
Display Colors	16.7M
Native Resolution	800*480 Pixels
Supported Resolution	480P, 720P, 1080P
Projection Distance	1.15-3m
Projection Screen	37~100 inches
Keystone	±15°
Power voltage	AC in, 100V~240V, 50/60H
Projection Method	Front/Rear/Ceiling
Aspect Ratio	4:3/16:9
Uniformity of light source brightness	90%
Focus	Manual
TF card Maximum support	60G
Hard disk Maximum support	250G, need external power supply
Port	USB input * 1, TF card input * 1, AV * 1, HDMI input * 1, VGA input * 1
Build-in speaker	2W/8ohm
HDMI/VGA/AV	576i, 720P, 720i, 1080i, 1080P
Power supply	100V-240V
Multimedia supported format	
Video file	MPEG1/MPEG2/MPEG4/RM/RMVB/MOV/MJPEG/DIVX/VOB/MKV
Audio file	WMA/MP3/M4A(AAC)/APE/FLAC/WAV
Picture file	JPEG/BMP/PNG
Text file	Text

5.2 PROJECTION DISTANCE & SIZE

For reference, the projection distance of the machine with different configuration is slightly difference. The machine is received by the actual shall prevail.



Please do not look into the lens when the projector is working.



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TENKER



Model NO. Q5

Made in China