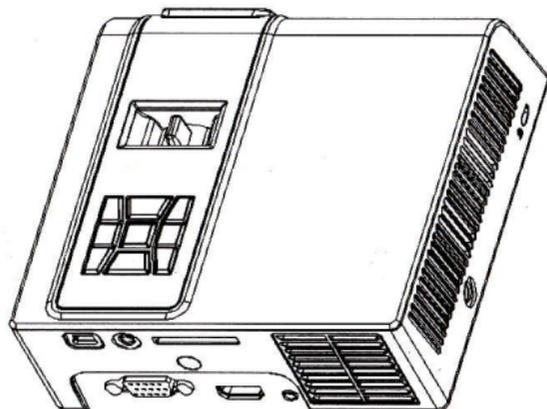


微型 LED 投影机使用说明

Instruction Manual



1. OUTLINE

The projector comprises high performance light engine, based on 3RGB LED as light source. The user-friendly design largely enhances reliability and handiness of the projector. It brings you more vivid and fluent image quality.

- 2000 : 1 contrast ratio ;
- 800 * 600 resolution ;
- R/G/B LED light source, 20,000 hours life, energy saving ;
- 100% offset ;
- Support HDMI/AV/VGA (HDMI Supports to Version 1.3) ;
Build-in MP4 function, with onboard flash memory, 720P video/music/photo/eBook/game supportive. (Select)
- USB/SD direct playback supportive;
- 16.7 million colors display, natural color reproduction.

IMPORTANT SAFETY INSTRUCTIONS

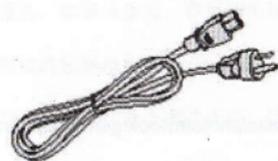
1. Please read the manual carefully before using the projector. Store the manual for future reference.
2. Avoid staring/facing directly into the projector beam. The beam may harm your eyes.
3. Do not block any ventilation openings. To ensure reliable operation of the projector and to protect from overheating, it is recommended to install the projector in a location that does not block ventilation.
4. Do not use the projector near water or moisture areas. To reduce the risk of fire and/or electric shock, do not expose the projector to rain or moisture environments.
5. Do not install/put the projector near heat sources such as radiators, heaters, stoves or any other apparatus such as amplifiers that emitting heat.
6. Do not use the projector in direct sunlight.
7. Do not use the projector near any appliance generating a strong magnetic field.
8. Do not use the projector in areas susceptible to excessive dust and dirt.
9. Ensure that the ambient room temperature is within 0- 35°C.
10. Ensure that the ambient relative humidity is 0 - 85% (Max).
11. Only use AC adapter specified by the manufacturer. Others may damage the projector.
12. Do not disassemble, modify, drop or throw your product.
13. Do not let object or liquid enter the projector. They may damage dangerous voltage points and short out parts that could result in fire or Electric shock. Turn off the projector if any objects enter inside the projector.
14. Do not attempt to service the unit yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact your local reseller.

PACKAGE OVERVIEW

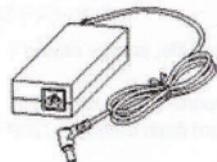
Open the package and make sure it includes all below items, if any missing, please contact the reseller for replacement.



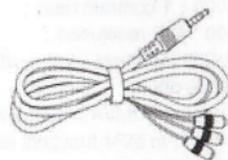
Projector



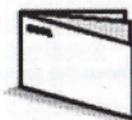
Power Cord



AC Adapter



AV Cable



Manual



Warranty Card



VGA Cable



USB Cable

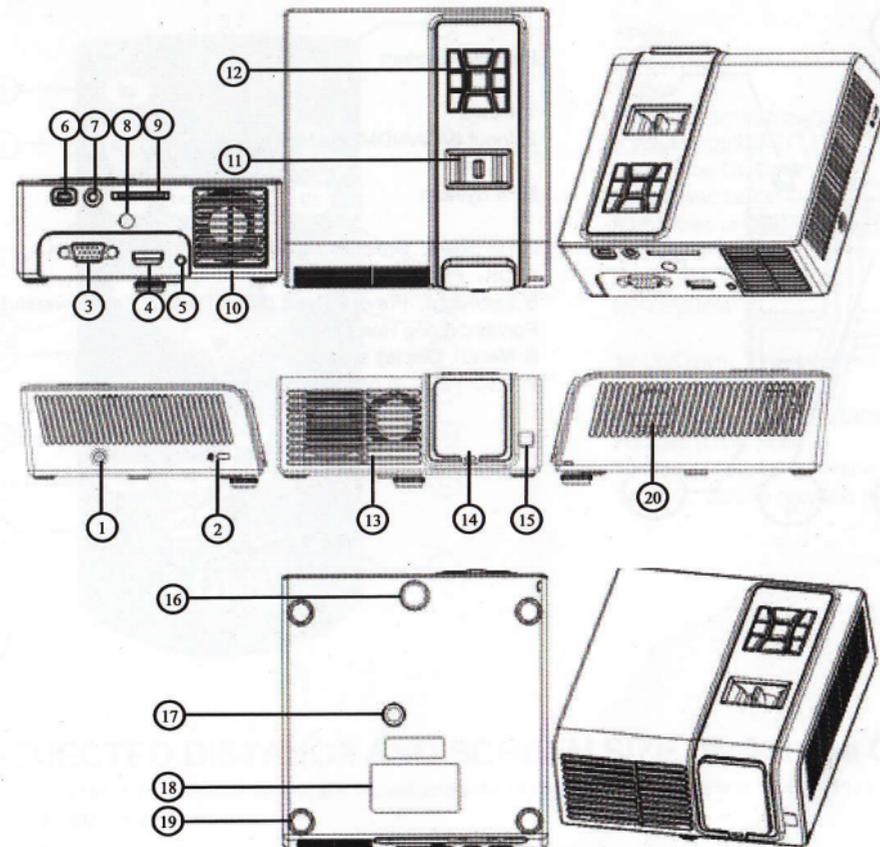


USB OTG Cable



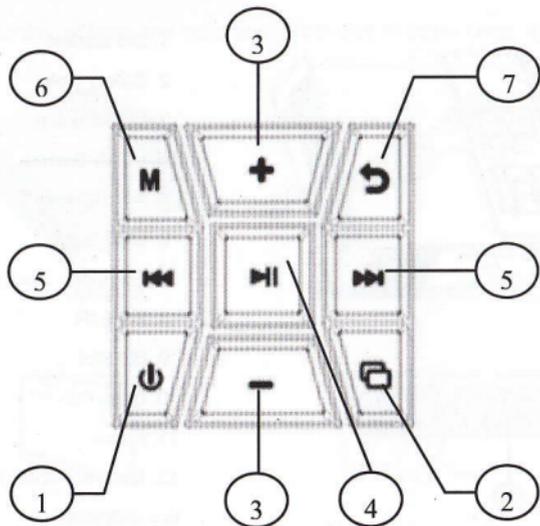
Remote

PROJECTOR OVERVIEW



1. DC Socket
2. Safety Hole
3. VGA Socket
- ~~4. HDMI Socket~~
5. AV Socket
6. USB Socket
7. Earphone Socket
8. Back IR
9. SD Slot
10. Back Fan
11. Focus
12. Control Panel (Refer the key definition)
13. Front Fan
14. Lens Cap
15. Front IR
16. Heighten Tray
17. Tripped Hole
18. Nameplate
19. Foot Tips
20. Speaker

Control Panel Definition



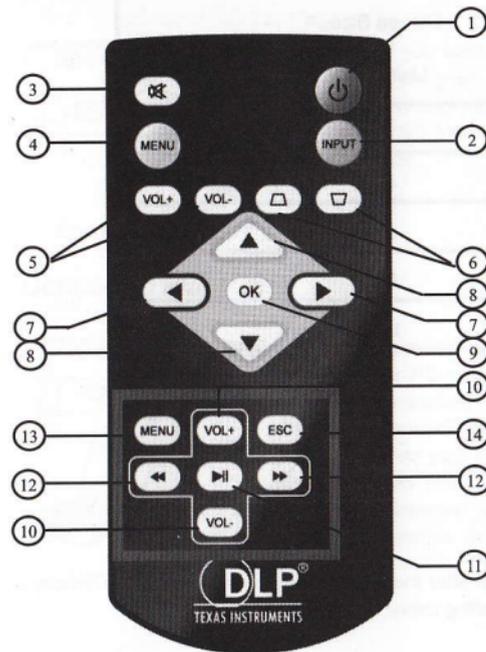
Projector System

1. Power
2. Input (VGA/HDMI/AV/MP4)

MP4 System

3. Up/Down, Previous/Next page, Volume Up/Down
4. OK, Play/Pause
5. Left/Right, Previous/Next (Short Press), Fast Reverse/Fast Forward (Long Hold)
6. Menu : Display submenu
7. ESC : ESC to previous menu

Remote Illustration



Projector System

- 1 Power
- 2 Input , Source (HDMI/VGA/AV/MP4)
- 3 Mute
- 4 Menu(In system menu , exit system menu)
- 5 Volume Up/Down
- 6 Keystone Up/Down
- 7 Right and Left in OSD
- 8 Up/Down in OSD (Up could return previous menu)
- 9 OK/Enter in OSD

MP4 System

- 10 Up/Down, Previous/Next page, Volume Up/Down
- 11 OK, Play/Pause
- 12 Left/Right, Previous/Next (Short Press), Fast Reverse/Fast Forward (Long Hold)
- 13 Menu : Display submenu
- 14 ESC : ESC to previous menu

PROJECTED DISTANCE AND SCREEN SIZE (Reference Only)

The distance of the projector lens to the screen and video format may affect the screen size. Please refer to the below graph as per projected distance and screen size.

Projector Distance (Lens-Screen)	Screen Size
Unit-Meter	Unit-Inch
1	23
2	45
3	68
4	90
5	112

HOW TO USE THE PROJECTOR

The projector supports below 4 input signals:

YPBPR signal — for embedded MP4

AV signal — connect to AV output

PC signal — connect to PC VGA output

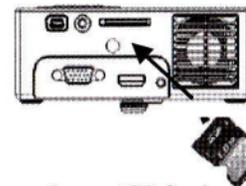
~~HDMI signal — connect to HDMI output~~

The projector is embedded with MP4 solution. The default signal is YPBPR signal after the projector is power on which will directly enter MP4 menu. Please press Input to switch to other Inputs after connecting corresponding cable.

1. YPBPR Signal—MP4

The onboard MP4 flash memory which can be accessed by using supplied USB cable connected to PC. The unit also supports USB and SD card direct playback.

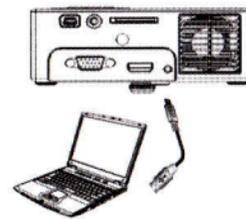
Connect SD Card



Connect SD Card

Put SD card into SD slot. For example, if you want to access video file on your SD card, select Video under Main Menu and select SD Memory Slot to read your file.

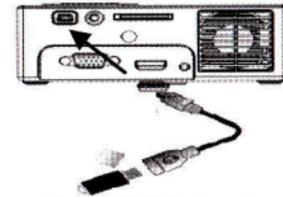
Connect to PC – USB



Connect to PC

Connect supplied USB cable between your PC and projector's micro USB socket, there will display 1 removable drive named MediaPlayer on your PC which is the embedded flash memory. If SD card is inserted in SD slot, another removable drive will be shown on your PC.

Connect USB equipment— OTG cable



Connect USB Equipment

Connect supplied USB OTG cable to the projector's micro USB socket with one end, and other end connect to you desired USB sources such as USB drive, select USB devices under Video/Photos/Music menu so to read files.

Storage manipulation between memory and the devices

When connecting USB device or SD card to the projector:

1. On Main Menu, select Videos, Photos or Music depending on what medium you want to access.
2. Once you select any file on USB, SD or onboard memory, press and hold M on the projector or press MENU (MP4 part) on remote and you will see Del/Copy/Paste window.
3. Select copy, press M on the projector of ESC on Remote.
4. Enter the drive when you want to paste the file.
5. Select the folder, press and hold M on the projector or press MENU (MP4 part) on remote and select Paste by pressing OK on the unit or remote (MP4 part).

Remarks: There must be a folder so as to paste files.

Under MP4 main menu, the left/right button on the projector or on the MP4 part of the remote. You will see the following submenus. Video/Photo/Music/eBook/Gaming/Setting.

Storage and Play PPT/PDF Files

- 1 Open the file in the PC.
- 2 Star-up"file" > "Additional Storage", Store the file with JPEG format.
- 3 Store the file in the SD Card or embedded MP flash, then play the file in MP4 System.

The embedded MP4 support files format as below:

Video Format

*.avi,	*.m2ts, m2ts
*.flv, flash video	*.evo, HD-DVD
*.mpeg, mpeg	*.rpm, Real
*.mpg, mpeg	*.3gp,
*.vob, mpeg	*.3gp,
*.dat, VCD	*.3gp,
*.mp4, mpeg-4	*.qt, QuickTime
*.3gp,	*.wmp, Windows media
*.mov, QuickTime	*.wm, Windows media
*.wmv, Windows media	*.avm,
*.asf, Windows media	*.dsm, NDS
*.rm, real	*.m1v,
*.rmvb, real	*.m2v,
*.ram, real	*.pmp,
*.scm, real	*.smk,
*.divx,	*.bik, Bink
*.mkv, matroska	*.rat, ratDVD
*.ogm, ogg	*.vg2, XVD
*.m4v, mpeg-4	*.ivf, Indeo
*.m4p, mpeg-4	*.vp6, VP6
*.m4b, mpeg-4	*.vp7, VP7
*.tp, mpeg-2	*.d2v, DVD2AVI Project
*.tpr, mpeg	*.mod,
*.ts, mpeg-2	*.m2p,
*.pva, mpeg	*.vid, mp4
*.pss, mpeg	*.pmp2,
*.mpe, mpeg1	*.mts, DV
*.wv, mpeg	*.f4v, flash video

Audio Format

*.mp3,	*.amr,
*.wav,	*.mac, APE
*.wmv, Windows media	*.tta, TTA
*.ape, APE	*.m4a, MPEG4
*.flac, FLAC	*.cda, CD
*.ogg, OGG Vorbis	*.au, Sun
*.ra, Real	*.acc,
*.mp1, mp2/mpa	*.midi, mid
*.mp2, mp2/mpa	*.mid, mid
*.aac, MPEG4	*.rmi, mid
*.ac3,	*.mp5,
*.dts, DVD	*.mpa, mpeg
*.aif, Mac	*.mpga, mp3
*.aiff, Mac	*.act,
*.aifc, Mac	*.omg, oma, .aa3, sony openMG

Photo Formats

*.jpg, *.gif, *.png, *.bmp

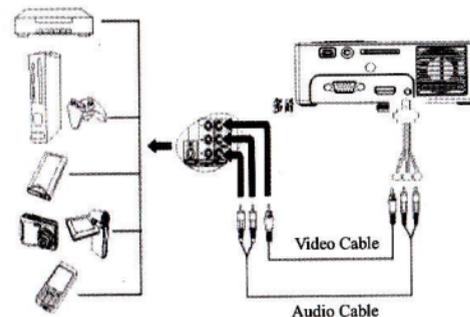
eBook Formats

*.txt, *.c, *.h, *.ini, *.lrc, *.srt

The above file formats are for reference only, the different file versions and formats may not be recognized at all times.

2. Connect to AV devices

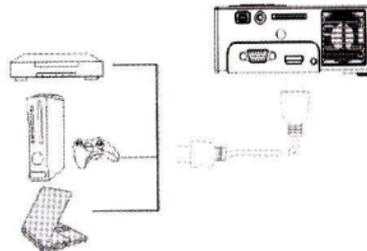
Connect one end of the attached 3.5mm cable to AV input on the projector; connect the other end to AV devices with same color of the cable. Connect the power cord and turn on the projector. Toggle the Source to AV on the projector or the remote.



Remarks: The AV cable might vary in different areas, please use supplied AV cable.

3. Connect to HDMI devices

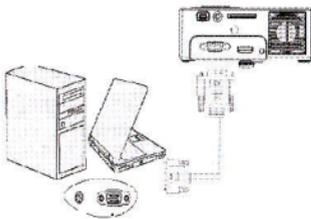
Connect HDMI cable (not supplied) between the projector the HDMI device. Turn on the projector, toggle the Source to HDMI on the projector or the remote.



Remark: For laptop with HDMI output, press Fn + screen button on the keyboard to switch display devices. Some laptop may recognize HDMI output automatically, some needs configurations in display.

4. Connect to PC

Connect one end of supplied VGA cable to VGA port on the projector, connect the other end to a laptop or desktop computer. Turn on the projector, toggle the Source to VGA on the projector or the remote.



Remarks: If the projector is properly turned on and the signal is properly selected, and you still do not get the computer image display through the projector, please check your computer in the following steps.

1. Please make sure VGA cable is properly connected, make sure the source of the projector has been switched to VGA channel.
2. Set the computer resolution to 800 x 600.
3. Turn on the plugging video port, press Fn and screen switch button on the keyboard at the same time. Copy or switch to plugging projector.

There is copy or extension to plugging displays in computer setup. If you are not sure whether it is projected or not, please use copy to confirm the proper connection to the computer.

How To ADJUST OSD

You can adjust OSD only via the remote. Some changes might affect the projection image, if you think the image is not in appropriate status, please reset to the factory default. Press menu under projector system to enter OSD, select via left/right/up/down.

Image	Brightness	0--100
	Contrast	0--100
	Aspect Ratio	Fill/Native/4:3/16:9/Anomorphic
	Color	0--100
	Tint	-128--128

Advanced Settings	Color Space	Automatic/RGB/YCbCr/YPbPr		
	Picture Mode	Brilliant/Video/Film/Photographic/Vivid/RGB		
		Brightness Select	Standard/Bright	
		Color Temperature	0--6	
		Test Pattern		
Setup	Language	English/German/Chinese/Japanese		
	Projector Position Mode	Rear	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
		Ceiling	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
	Auto Source Select	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
	Auto Keystone Select	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
	Magnify	0—100%		
	Factory Reset	OK/Cancel		

Remark : Yes No

TROUBLESHOOTING

If you experience a problem with your projector, please refer to the following information. If a problem persists, please contact your local reseller or service center. (See the supplied warranty card).

The projector does not turn on

Cause	Solution
No power from the power cable	Plug the AC adapter into the DC IN socket on the projector, plug the power cord into the AC inlet on the AC adapter, plug the power cord into the power outlet. If the power outlet has a switch, make sure that it is switched on.
Overheat protection	Wait until the cooling down process has completed.

No image appears on-screen

Cause	Solution
The video source is not turned on or connected correctly	Turn the video source on and check that the signal cable is connected correctly.
The projector is not correctly connected to the input signal device	Please check the connection.
The input signal has not been correctly selected	Select the correct input signal with the Input key on the projector or remote Control.

Blurred Image

Cause	Solution
The lens is not focused	Adjust the focus.
The projector and the screen are not aligned properly	Adjust the projection angle and direction as well as the height of the unit if necessary.

Remote control does not work

Cause	Solution
The battery is out of power	Replace the battery with new one.
There is an obstacle between the remote control and the projector	Remove the obstacle.
You are too far away from the projector	Stand within 4 meters (13 feet) of the Projector.