

DVD PROJECTOR

Instruction Manual



IMPORTANT SAFETY INSTRUCTIONS

OUTLINE

The projector comprises high performance light engine, based on 3 RGB 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.

1. With HDMI, DVD, RMVB(MP5), TV, GAME, USB, SD, MMC, VGA, AV IN&OUT
2. Use: Business & Education, Home
3. Projector fixing: Table, ceiling, wall
4. Projection Image Size: 20" ~150"
5. Projected angle(Degree): 33
6. Focus: Manual focus (Projection distance: 1.5M~5M)
7. Resolution: 1024*768, 720P
8. Brightness(peak): above 200 Ansi lumens
9. Contrast Ratio: 100:1
10. Aspect Ratio: 4:3/16:9
11. Technology: LCD
12. Light Source: LED
13. Light source life: 20,000Hrs(minimum life)
14. Build-in speaker: Stereo 2W x 2
15. Power consumption: 90W
16. Input: AV in, SD/MMC card, USB Host, Disc, VGA, Cable TV
17. Output: Video (DVD Mode Only)/Audio L/R 2CH/Audio (Internet Stereo Speaker)/Earphones
18. Language: English/Spanish/French/German/Russian/Portuguese/Chinese/Italy(According to customer's requirements)
19. Adapter Power: AC 110-220V

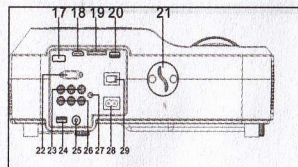
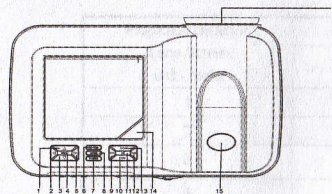
IMPORTANT SAFETY INSTRUCTIONS

This projector has been tested and found to comply with the latest safety criteria. However, to assure secure operation, please carefully manipulate by this manual or instructions on product labels before usage.

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 5- 35° C.
10. Ensure that the ambient relative humidity is 20 - 80% (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.

PROJECTOR OVERVIEW

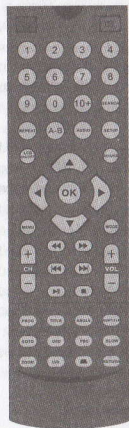
CONTROL PANEL ILLUSTRATION



- | | |
|-----------|-----------------------|
| 1. CH+/▲ | 9. Previous Key |
| 2. VOL-/◀ | 10. Fastback key |
| 3. CH-/▼ | 11. Pause/Play |
| 4. MENU | 12. Next keys |
| 5. VOL+/▶ | 13. Fast forward key |
| 6. USB/SD | 14. OPEN |
| 7. POWER | 15. infrared receiver |
| 8. MODE | 16. Focus lens |

- | | |
|------------------------------------|-----------------------|
| 17. Infrared remote control window | 23. AV input |
| 18. HDMI plug | 24. Game socket |
| 19. SD/MMC | 25. Antenna interface |
| 20. USB plug | 26. AV out |
| 21. Keystone | 27. Earphone Jack |
| 22. Computer VGA Socket | 28. Power Plug |
| | 29. Power on/ off |

● REMOTE ILLUSTRATION



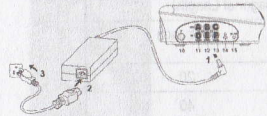
PROJECTED DISTANCE AND SCREEN SIZE (Reference Only)

The distance of the projector lens to the screen and video format may affect the screen size. 4:3 is the original ratio. Please refer to the below graph as per projected distance and screen size.

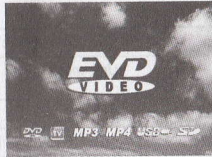
Projection Distance (Lens-Screen) unit - meter	Screen Size (Diagonal Length)	
	Unit: meter	Unit: inch
1	0.508	20
2	1.016	40
3	1.524	60
4	2.032	80
5	2.540	100

HOW TO USE THE PROJECTOR

Connect the AC adapter to the projector via DC socket, the power indicator displays red. Press power on the projector or power button on the remote. The indicator turns green. The projector will start and display boot logo.



Connect the projector



Boot Image

The projector supports below 3 input signals

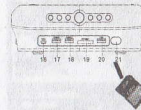
AV signal — connect to AV output

PC signal — connect to PC VGA output

HDMI signal- connect to HDMI output

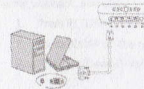
The unit also supports USB and SD card direct playback.

Connect SD Card



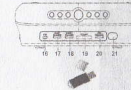
Put SD card into SD slot. For example, if you want to access video file on your SD card, select Video under Main Menu and select SD Memory Slot to read your file.

Connect to PC — VGA Cable



Connect supplied VGA cable between your PC and projector's VGA socket,

Connect USB equipment



Connect supplied USB to the projector's USB socket select USB devices under Audio/Photos/g menu so to read files.

When connecting USB device or SD card to the projector,

You will see the following submenus.Audio,JPEG, Game,Video,or E-Book depending on what medium you want to access

Audio

Select Music icon in main menu and press ENTER, select the drive to retrieve the music files, select the file and press ENTER, the music will play.

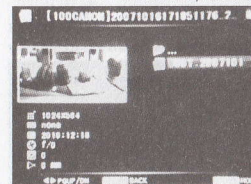


During playback, you can

1. Press RETURN on the remote, exit to previous menu.
2. Press ◀ or ▶ on the remote to fast reverse/fast forward.
3. Press ◀◀ or ▶▶ on the remote access previous/next file.
4. Press VOL- or VOL+ on the projector or the remote to adjust the volume

JPEG

Select Photo icon in main menu and press ENTER, select the drive to retrieve the photo files, select the file and press ENTER, the photo will play.

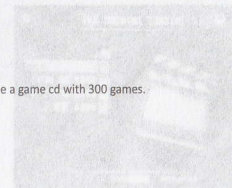


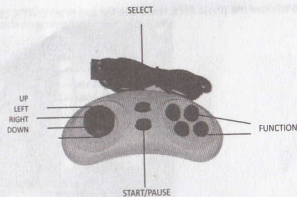
During playback, you can

1. Press RETURN on the remote, exit to previous menu.
2. Press ZOOM on the remote to adjust the picture size.
3. Press Up/Down/Left/Right on the remote to rotate the picture.

Game Enjoy your game in this mode. The projector supports double game playing and provides a game cd with 300 games.

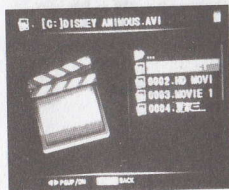
1. Put the joysticks to GAME 1 and GAME 2 slots.
2. Turn to DVD mode.
3. Put the game cd to the DVD tray, the projector will access the disc automatically.
4. Press the digits on the remote to choose the game
5. Start playing the game by the Joystick.
7. Schematic Diagram of Game Handle





Video

Select Video in main menu and press OK, select the drive to retrieve the video files, select the file and press OK, the video will play.



During playback, you can

1. Press RETURN on the remote, exit to previous menu.
2. Press ◀◀ or ▶▶ on the remote to fast reverse/fast forward.

3. Press ◀◀ or ▶▶ on the remote access previous/next file.
4. Press VOL- or VOL+ on the projector or the remote to adjust the volume

E-BOOK

Select E-BOOK icon in main menu and press ENTER, select the drive to retrieve the eBook files, select the file and press ENTER, the E-BOOK will play.

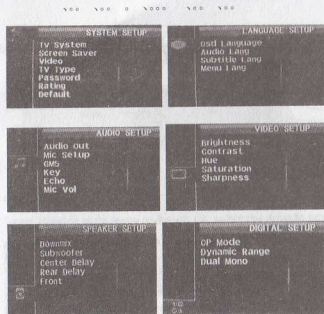


During playback, you can

1. Press RETURN on the remote, exit to previous menu.
2. Press ◀◀ or ▶▶ on the remote to fast reverse/fast forward.
3. Press ◀◀ or ▶▶ on the remote access previous/next file.
4. Press VOL- or VOL+ on the projector or the remote to adjust the volume

SETUP

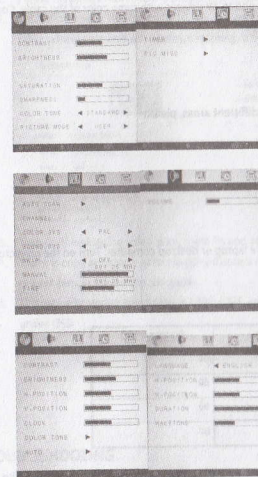
In the setting, select up/down/left/right/enter on the remote to SYSTEM, LANGUAGE, AUDIO, VIDEO, SPEAKER, DIGITAL setting



1. **SYSTEM SETUP:** TV system, Screen Saver, Video, TV Type, Password, Rating, Default setting.
2. **LANGUAGE SETUP:** Osd language, Audio Lang, Subtitle Lang, Menu Lang
3. **AUDIO SETUP:** Audio out, Mic setup, GMS, Key, Echo, Mic Vol
4. **VIDEO SETUP:** Brightness, Contrast, Hue, Saturation, Sharpness
5. **SPEAKER SETUP:** Downmix, Subwoofer, Center Delay, Rear delay, Front
6. **DIGITAL SETUP:** OP Mode, Dynamic Range, Dual Mono

MENU

In the MENU setting, select up/down/left/right/enter on the remote to PICTURE, FUNCTION, CHANNEL, SETTING, PC, OSD setting



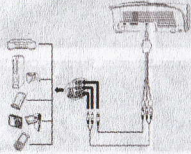
1. **PICTURE:** Contrast, Brightness, Saturation, Sharpness, Color Tone, Picture Mode
2. **FUNCTION:** TIMER, PIC MISC
3. **CHANNEL:** Auto Scan, Channel, Color.Sys, Sound.Sys, SKIP, Manual, FINE
4. **Audio:** Volume
5. **PC:** Contrast, Brightness, H-Position, V-Position, Clock, Color Tone, Auto
6. **OSD:** Language, H-Position, V-Position, Duration, Halftone,

Remarks: For CHANNEL setting is only available in TV mode.

For PC setting is only available in VGA mode.

1. Connect to AV devices

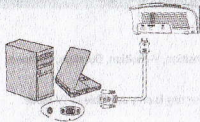
Connect one end of the attached 3.5mm cable to AV input on the projector; connect the other end to AV devices with same color of the cable. Connect the power cord and turn on the projector. Toggle the Mode to AV on the projector or the remote.



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

2. 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.



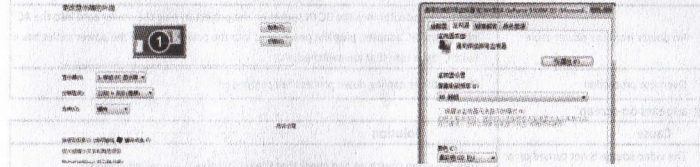
Supported Device Mode

Mode	Resolution	Frequency (Hz)
VGA	800x600	60
	1024x768	60
	1280x720	60
	1280x800	60

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 1024 x 768, go to monitor setup and change the screen refresh rate to 60Hz. (The projector cannot recognize over 60Hz refresh rate and will display a warning notice of out of display range).



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.
4. 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.
5. The native projector resolution is 1024 x 768, refresh rate is 60Hz. If you see the screen flashing in other resolution, please select auto adjustment under OSD.

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 Mode 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