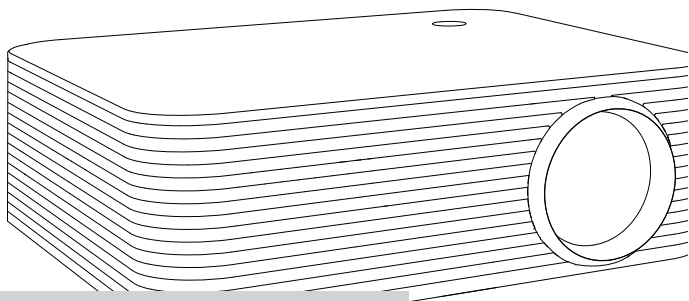


apeman



User Manual

Video Projector

EN DE FR
IT ES JP

LC650

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EN

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Attention

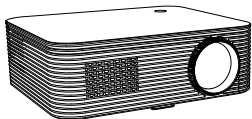
EN

- Do not look straight into the projector lens while on, as it may cause serious eye damage.
- Do not block the ventilation openings to prevent overheating, and it is normal for the machine to generate heat during operation.
- Do not expose the device to rain or moisture to reduce the risk of fire or electric shock. Objects filled with liquids, such as vases, should not be placed on this device, as it may lead to potential accidents that damage the device.
- Do not have any type of impact, as it may damage the internal components. Do not make any repairs to this device by yourself. Our company will not cover the warranty if self-repair efforts were undertaken.
- Please use the included AC power cable to power the machine. Only use the included accessories specified by the manufacturer.
- Please use the power type marked on the projector to supply power. If the projector is not used for a long time, unplug the power cable.
- Please use a lens cleaner or special lens wipe paper when cleaning up the lens. Never use liquid, gaseous or easily flammable cleansers (sprays abrasives, polishes, alcohol) to clean.
- Please protect this device from overexposure to direct sunlight, heat, big temperature fluctuations and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories is 0°C to 35°C/ 0°F to 95°F.
- Please contact the seller for technical support when the product has any type of problem. Contact details are revealed at the end of this manual.

Product Overview

EN

Package lists



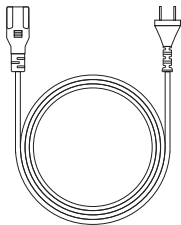
LC650 Projector



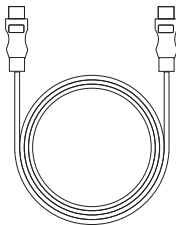
Remote Controller



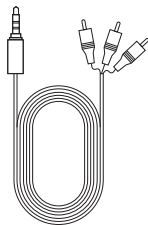
User Manual



AC Power Cable



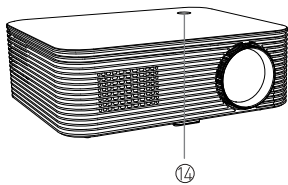
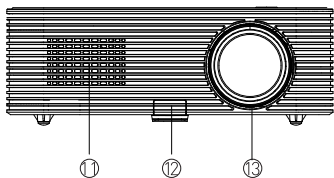
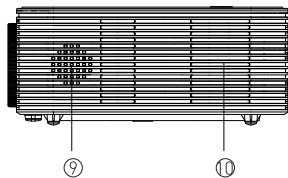
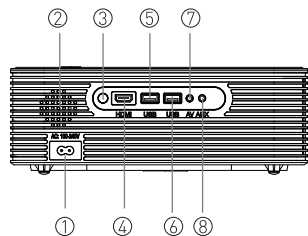
HDMI Cable



AV Cable

Interfaces and buttons

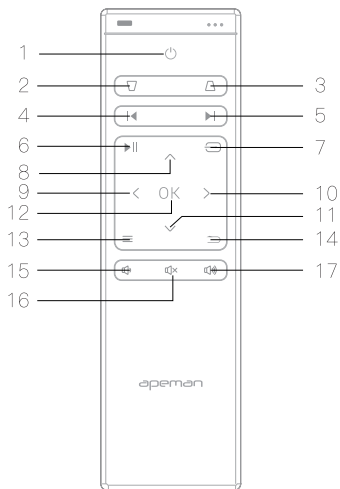
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- ① Power Input
- ② Two-channel Speaker Outlet
- ③ IR Sensor (Front)
- ④ HDMI Input
- ⑤ USB Input
- ⑥ USB Input
- ⑦ AV Input
- ⑧ 3.5mm Audio Jack
- ⑨ Two-channel Speaker Outlet
- ⑩ Cooling Air Inlet
- ⑪ IR Sensor (Rear)
- ⑫ Height Adjustment Knob
- ⑬ Focus Wheel
- ⑭ Power Button

Remote Controller

EN



- | | |
|-----------------------------|-----------------|
| 1. On/Off | 10. Right |
| 2. Up keystone correction | 11. Down |
| 3. Down keystone correction | 12. OK |
| 4. Previous | 13. Menu |
| 5. Next | 14. Return |
| 6. Pause/Play | 15. Volume down |
| 7. Input Source | 16. Mute |
| 8. Up | 17. Volume up |
| 9. Left | |

Warm Tips:

EN

- ① When using the remote controller, please make sure that the signal transmitter of the remote controller aims at the IR Sensor (front or rear) of the projector. Please do not cover the IR sensor.
- ② Remove the battery compartment cover on the back of your remote controller by carefully sliding it to open. Fit two pieces of correct AAA batteries (not included), referring to the polarity markings. Finally, close the cover.
- ③ Do not mix new batteries with old ones in the remote controller since it can cause operational failure.
- ④ If you are not using the remote controller for an extended period, please take out the batteries to prevent batteries leakage.

Installation

EN

Your projector can be installed in four positions to meet different needs, please go to Menu >Option >Rotate to set up the projection modes. There are following installation modes for different options.

Front

Select this mode when the projector is placed in front of the wall/screen, and the image will be directly projected to the wall/screen. This is the most common way to position the projector for quick setup.

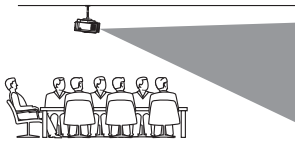


FRONT TABLE

Front ceiling

Select this mode when the projector is placed upside-down from the ceiling in front of the screen.

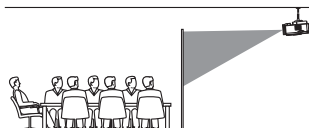
NOTE: To install the projector on the ceiling, an extra four-corner projector mount is needed.



FRONT CEILING

Rear ceiling

Select this mode when the projector is placed upside-down from the ceiling behind the screen.



REAR CEILING

Rear

Select this mode when the projector gets placed behind the screen.

NOTE: A special rear projection screen is required.



REAR TABLE

Operation

EN

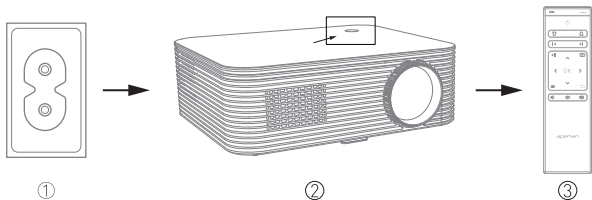
Note:

As a safety precaution, please disconnect the projector and all equipment before connecting the cable.

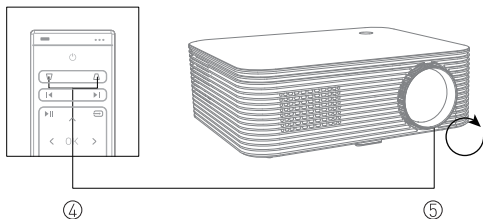
As shown in Picture ①, connect the projector and the power source with the included AC power cable.

As shown in Picture ②, the projector gets into standby mode as the LED indicator on the top of the projector turns red.

As shown in Picture ③, turn on the projector by pressing the power switch button on the projector itself or on the remote controller. Start-up successes: LED indicator turns blue.



As shown in Picture ④ and ⑤, adjust the Keystone correction on remote controller and the Focus wheel on the projector until you get a clear picture.



Warm Tips:


- ① If you want to correct the vertical keystone, you can press the "up keystone correction" and "down keystone correction" buttons on the remote controller to adjust and get a rectangular picture.
- ② If you want to correct the horizontal keystone, please enter the Menu-Option-Keystone-Horizontal to adjust and get a rectangular picture.
- ③ Not recommend that projection size being too large, otherwise, the image on the screen edges may not be as sharp as the screen center.

Multiple Connections

EN

Select an input source

Warm Tips:

- ① All the operation should be done by the remote controller because there is only a power button on the projector.
- ② Please press the  button on remote controller to choose the right input source to get it connected, if you choose the wrong input source then you will get a “no signal” image.

Connection preparation steps

- ① Press the  button to enter an input source menu.



USB1





USB2



HDMI



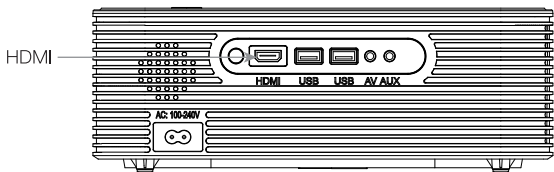
AV

- ② Press the button  or  to choose the right input source you want.
- ③ Press the “OK” button to ensure the input source. This projector supports HDMI, USB, AV input source.

HDMI devices connection

The projector can be connected to devices via HDMI port. It is compatible with laptops, DVD players, Blue-ray players, Chromecast, TV Stick, etc. An HDMI cable is included.

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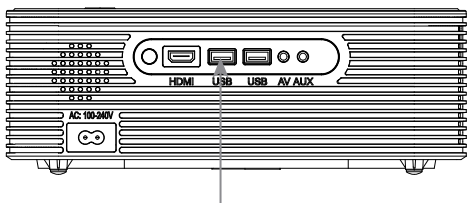


How to connect via HDMI port?

1. To connect with **iPhone, iPad**: an official Lightning to HDMI adapter(Not included) is needed.
2. To connect with **Android Smart phone** which has a casting screen function: a wireless Miracast/Dongle(Not included) is needed.
3. To connect with **MacBook**: You can use an Apple Certifiable USB C to HDMI adapter(Not included) or an Apple Certifiable Thunderbolt to HDMI adapter to connect. Click "Enable Mirror" on the display settings bar at the top right corner of the screen with a monitor icon.
4. To connect with **laptop/computer**: For most Windows computers, you need an HDMI cable(Included). Press [Windows] key +[P] to make a connection.

Multimedia connection

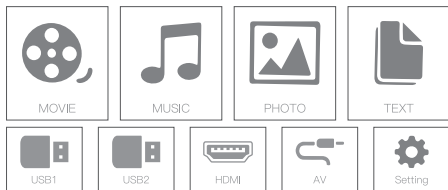
- ① Insert USB flash drive into the corresponding "USB" port of the projector.



- ② Choose the corresponding "USB" input source.



- ③ Select "Movie", "Music", "Photo" or "Text" to enter the file.

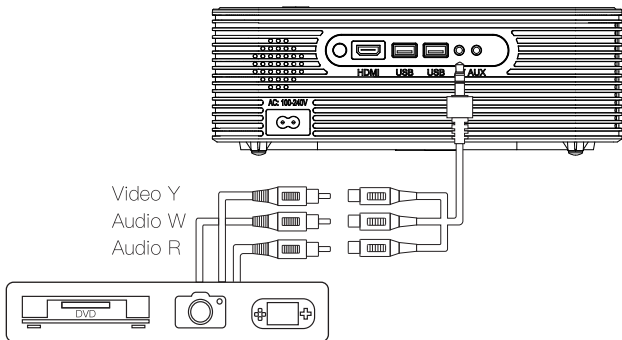


- ④ Choose the file you want to play, press the button "OK" to play or to pause.

File Type	Format
Video	MP4/AVI/MKV/FLV/MOV/MPG/VOB/RMVB/3GP
Music	MP3/WMA/OGG/AAC/ASF/WAV
Picture	JPEG/BMP/PNG
TEXT	TXT

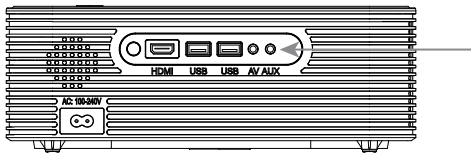
AV video device connection

Connect the projector AV interface with the 3 in 1 AV female cable(included).



Audio devices connection

The projector can connect to a headphone or to a wired audio system via a 3.5mm jack (not included).



Settings

EN

You can adjust the projector settings in the projector main menu by pressing the menu button on the remote controller.

Picture

Picture Mode: User, Vivid, Standard, Soft
Color Temperature: User, Cool, Medium, Warm
Aspect Ratio: Auto, 4:3, 16:9
Reduce Display
Auto Source: On, Off
LED Temperature

Sound

Sound Mode: User, Standard, Music, Movie, Sports
Surround Sound: Off, SRS TruSurround XT, Surround

Time

Clock
Off Time
On Time
Sleep Timer
Auto Sleep

Option

OSD Language: English, Deutsch, Français, Italiano, Español, 日本語
Keystone: Horizontal, Vertical
Rotate: Front, Front Ceiling, Rear Ceiling, Rear
Software Update(USB)
Restore Factory Default

Specifications

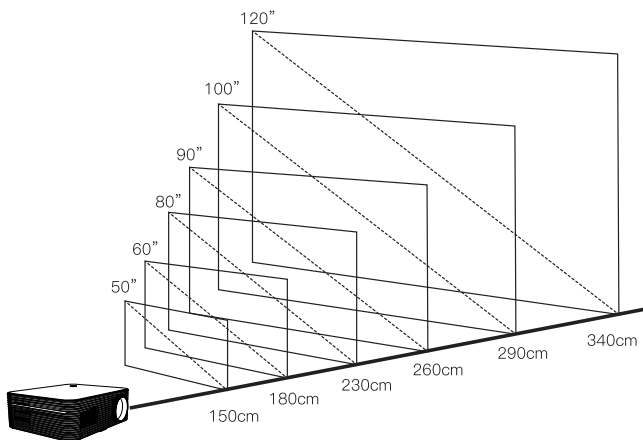
EN

Basic parameters

Imaging Technology	LCD
Native Resolution	FHD 1920*1080
Light Source	LED
Supported Video Resolution	1080p, 1080i, 720p, 576i, 480p and 480i
Lens Life	50000 Hours
Contrast Ratio	5000:1
Aspect Ratio	4:3/16:9/Auto
Projection Distance	5–12 ft / 1.5–4 m
Screen Size	50–300 inches
Focus	Manual
Keystone	Electronic Adjustment
Connect Types	HDMI/USB/AV/Audio
Input	HDMI*1/AV*1/USB*2
Output	USB 5V Out/3.5 mm Audio Out*1
Built-in Speaker	4Ω3W *2
Input Voltage (V):	AC 100V–240V(±10%), 50/60Hz
Power Consumption (W):	100W (Max)
Net Weight	2.15kg
Dimension	265*220*85 mm
Projection Method	Front/ Front Ceiling/Rear Ceiling/Rear

Projection distance and screen size

EN



Troubleshooting

EN

Q: Can I use the projector for a presentation?

A: We recommend this projector for small meetings of around 20 people and it is recommended to use in a relatively dark room.

Q: Is the image clear?

A: Yes, the native resolution of the projector is 1920*1080P, brings much clearer and sharper pictures.

Q: Does the projector make some noise?

A: There is nearly no noise while working, you can deeply enjoy the movie time with your families and friends.

Q: What is the sound quality?

A: The projector's unique dual-sound design brings you amazing sound experience.

Q: How do I connect to my Android phone (Samsung, Huawei, Xiaomi, etc.)?

- A:**
- ① Plug the Miracast/Dongle to HDMI port on the projector.
 - ② Power the Miracast/Dongle via plugging the USB cable USB port on projector.
 - ③ The Miracast/Dongle main page will be displayed on your projector image.

Q: How do I connect to my iPhone?

- A:**
- ① An official Lightning Digital AV Adapter from the Apple Store is necessary. Then connect the projector and iPhone via the Lightning Digital AV Adapter and HDMI cable.
 - ② If the connection fails, please try: connect the projector to HDMI compatible devices such as a laptop, TV box or DVD with your HDMI cable. If the connection is successful, the projector has no problem. Please check your adapter or contact the adapter dealer.

Q: What if there is no sound when playing Netflix or YouTube videos?

A: Turn off Dolby surround sound when using Netflix, YouTube.

(Settings > Display & Sounds > Audio > Dolby Digital Output > turn off Dolby Digital Plus 5.1)

Q: Does this projector have Wi-Fi connection?

A: No, you can connect the projector to various devices (PC, TV Stick, iOS devices and Android phone, etc.) via HDMI port, and use USB flash drives via USB ports.

Warranty

EN

This product carries a one-year warranty and a 30-day return or exchange service based on the order date.

Please feel free to let us know what we can do to assist you when you have any product problem.

APEMAN Projectors customer service e-mail addresses:

US: support.dp.us@apemans.com
UK: support.dp.uk@apemans.com
DE: support.dp.de@apemans.com
FR: support.dp.fr@apemans.com
IT: support.dp.it@apemans.com
ES: support.dp.es@apemans.com
JP: support.dp.jp@apemans.com