

## HD8K - Business Edition Projector

### IMPORTANT INFORMATION



#### CAUTION

To turn off main power, be sure to remove the plug from power outlet. The power outlet socket should be installed as near to the equipment as possible, and should be easily accessible



Warning



To prevent fire or shock, do not expose this unit to rain or moisture. Keep away from children.



Tips

1. Please wash the anti-dust mesh once a month in order to protect your projector!
2. Before using this machine, please remove the protective membrane from the top & bottom cover.

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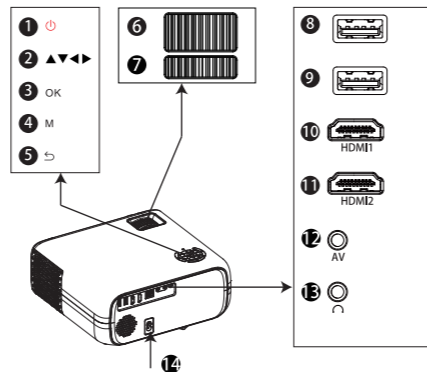
These safety instructions are to ensure the long life of your projector and to prevent fire and shock. Please read them carefully and heed all warnings.

## 1 Caution

How to use the projector correctly:

- 1 Keep your eyes away from the lens, as the projector light may cause damage to your eyes when working.
- 2 Do not block the air extractor to avoid damage to your projector's internal parts. The projector requires constant cooling while operating.
- 3 Do not use chemicals, cleaner or water to clean. Avoid rain, moisture and leucocratic liquid to corrode circuit board.
- 4 Please keep away the unit and its accessories from children.
- 5 Please ensure you project in a room where it is dry and has air circulation.
- 6 Do not operate this unit in a room or atmosphere where the temperature is below or above 5°C~35°C.
- 7 Do not use any heating equipment to dry the projector to protect from its internal parts such as LCD panel film being damaged.
- 8 Do not put any weights on to the projector. Avoid placing any objects on top of the projector case.
- 9 Do not throw, beat or shake the projector, as it may cause damages to the circuit boards.
- 10 Do not attempt to open the case or repair the projector prior to contacting our customer services or this will void your warranty.

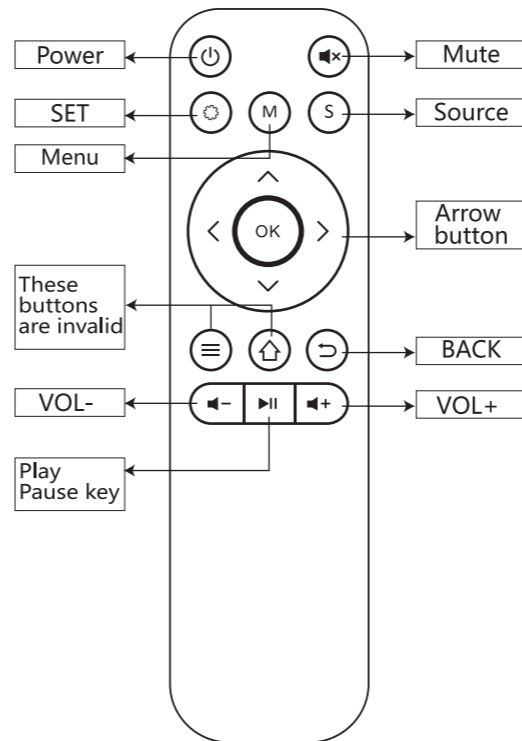
## 2 Product Overview



Note: please refer to the product appearance, this schema is for reference only.

1. Power
2. Arrow Keys
3. Confirm
4. Menu Button
5. Back
6. Lens Focussing
7. Keystone Correction
- 8/9. Multimedia Input
- 10/11. Video HD Input
12. Audio, Video Input
13. Earphone/3.5mm Audio Out
14. Power Input(110-240V)

## 3 Remote Control



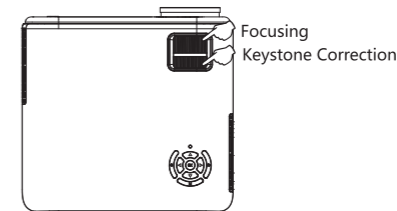
## 4 Power

- 1 : Plug the power cord into a power outlet.
- 2 : Press the button "⏻" on the projector or on the remote control.



### Keystone Correction

Depending on the angle you place the projector, trapezoid projection deformation may occur. Use the keystone correction to adjust it.

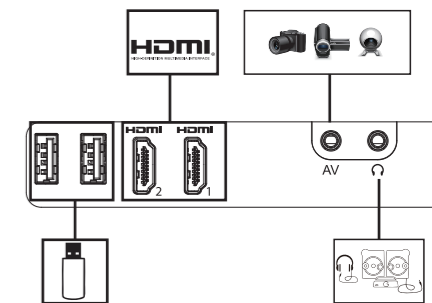


Note: please refer to the product appearance, this schema is for reference only.

### Image focus

Place the projector perpendicular to the wall, with the focusing button to make the picture clear. When focusing, you can broadcast programs to help you finish focus setup.

## 5 Connecting



1. Signal source selection  
Press the remote control signal source key "S", enter the signal source menu interface. Use the direction key and the confirmation key to select the signal source.
2. Connecting HDMI equipment  
①. HDMI interface can be connected with the computer and other devices with VGA HDMI output interface device.  
②. Choose the media signal channel: "HDMI".

Add: Different brand laptop output keys are as follows:

Lenovo	Fn+F3	Fujitsu	Fn+F10
Dell	Fn+F8	Haier	Fn+F3
HP	Fn+F4	NEC	Fn+F3
ThinkPad	Fn+F7	Panasonic	Fn+F3
Asus	Fn+F8	Sharp	Fn+F5
Acer	Fn+F5	Hitachi	Fn+F7
Samsung	Fn+F4	TOSHIBA	Fn+F5
Sony	Fn+F7		

For Windows 7 or later users: press the **Win+P**, and select "Copy" to connect. If the operation above is invalid, please update the computer graphics driver.


### 3. AV video equipment connecting

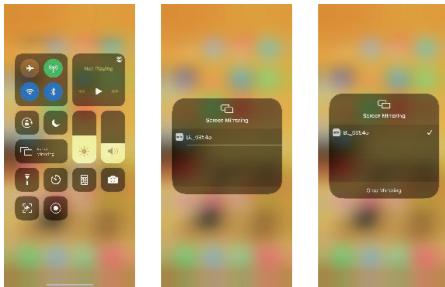
1. Use the 3-in-1 video tieline, which comes with the projector to connect with AV.
2. Choose the media signal channel : "AV"

### 4. 3.5mm audio equipment connecting

The Projector supports 3.5mm cable sound equipment (e.g. earphones).

## 6 Screen Mirroring (iPhone)



1. Please make sure your iOS device and projector are under the same Wi-Fi network.
2. For iPhone X or later with iOS 13 or later: Swipe down from the upper-right corner of the screen. For iPhone 8 or earlier or iOS 11 or earlier: Swipe up from the bottom edge of the screen.
3. Tap  Screen Mirroring, then tap the device with name matches on this screen



## 7 Screen Mirroring (Mac)

Note: Make sure to connect the projector and the iPhone to the same Wi-Fi network or the same Wi-Fi hotspots.

Mac computer:

1. On your Mac, click  on the menu bar at the top of your screen. If you don't see , go to Apple menu > System Preferences > Displays, then select "Show mirroring options" on the menu bar when available.
2. Tap the device with name matches on this screen.



## 8 Screen Mirroring (Android CastPlay)

CastPlay:

This function can make projector and Android phone/Android Pad share the same screen.

Use CastPlay (projector & phone).

- Step 1:** Projector, Settings→WLAN → turn on the Wi-Fi. Do not connect to network;
- Step 2:** Android phone (e.g. XIAOMI), turn on Wi-Fi, Settings→other connection→WIFI;
- Step 3:** Accept invitation by tapping the button displayed on the Projector screen during the connection.



Different Android phones have different set path and name of CastPlay. Common names would be media output/projection screen/multi-screen interactive etc.

## 9 Maintenance and Simple Troubleshooting of Projector

Smart projector is a high-tech product integrating precision optics, electronics and machinery. The improper maintenance of the projector during the daily use will affect its service life and effects. For the maintenance, important attention shall be paid to:

1. Dust prevention: Excessive dust will affect the heat dissipation of the projector due to environmental impact. It is suggested to clean its dust filter once a month according to the actual environment.
2. Ventilation: As the projector integrates the sound & photo-electricity, the optical source will produce heat during its operation. Therefore, during the installation and use, it shall be ensured that no objects around will block the air inlet and outlet of the projector as the heat dissipation depends on cold air convection to improve its working stability and service life.
3. Lens maintenance: Lens, as the core component of the projector, is directly related to the picture definition and effect. The excessive dust thereon will affect image quality. The dirty lens shall be wiped with soft cotton cloth for the glass lens surface. Hard cloth or abrasives shall not be used.
4. Cleaning: Excessive dust on the projector surface shall be cleaned in a timely manner, as it will affect the heat dissipation.
5. Moisture protection: The projector is vulnerable to the damp air. Its operating humidity is about 45%-60%. The too damp air will affect its working stability.
6. Vibration prevention: The projector shall be strictly protected from strong impact, extrusion and vibration. Try not to move and knock the projector during its normal operation, which will cause the internal circuit faults.
7. The projector shall not be installed on the unstable, shaking and uneven desk.
8. The container with liquid shall not be placed on the projector.
9. The power shall be switched off or the power cord shall be unplugged when not in use.

## 10 Ceiling-Mount Installation and Care

1. Attach the mount. Ensure that the entire mount is attached to the projector before securing it to the wall/ceiling.
2. Calculate the mount-to-lens distance and adjust the throw distance accordingly.
3. Secure the projector and the cables.
4. Adjust the projector settings to fine tune the image

Here are some commonly asked questions and answers for your benefits:

**How to fit the screws to the projector?** There are a few small rubbers in the bottom case of the projector. Please remove these rubbers to access the screw points. This projector only requires three screw points to fit with our ceiling bracket.

**How to measure the distance of the projector from the projector screen?** It is recommended to hold the projector by hands while you have an image protecting, so you can measure the distance accordingly prior to drilling any holes for the ceiling bracket. How to flip the screen? You can flip the image from the remote control to have the image the right way round.

**How to fix the audio issue of Amazon firestick or Google Chromecast?** These devices require Dolby audio while Dolby is not compatible with a lot of third party devices. Please deactivate Dolby to hear sound from these devices. Use the link below to watch a few video tutorials on YouTube: <https://tinyurl.com/byufh64>

Visit ABIS Electronics Help Center:

<https://www.abiselectronics.co.uk/apps/help-center>



ABIS Electronics,  
85 Great Portland Street, London,  
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<https://www.abiselectronics.co.uk>



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Visit ABIS Electronics to register for warranty:  
<https://www.abiselectronics.co.uk/pages/warranty-registration-form>



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