



APPOTRONICS

Laser Portable Projector User's Manual



Model: A63D

FCC ID: 2ALQL-A63D

To Users

To improve product performance, the information in this document may be updated at any time, and we will not notify any person of such revision or changes. If there is any question about this product, please contact Appotronics Co. Ltd., referred to as Appotronic below.

This manual is only for your reference. The manufacturer will not be responsible for the faults caused by unauthorized operations.

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Safety instructions

Please read this manual carefully before operating your projector, to avoid any potential accident or misuse of the laser projector.

Safety precautions are given in two forms, i.e. Warning and Caution as detailed below.

Please read the following content, and save it for future reference.



Warning

Failure to follow the instructions may cause serious injury and even death.

Indoor Installation



Warning

- Do not place the product in direct sunlight or near heat sources such as radiators, fires, stoves, etc.
- Do not place inflammables such as flammable spray near the product.
- Do not place the product close to sources of steam or oil such as a humidifier or kitchen counter.
- Do not use the product in a damp place, such as a bathroom or a place exposed to the wind and rain, where it is likely to get wet.
- Do not allow a tablecloth or curtain to block the vents.

The improper operation may cause fire or electric shock.



Caution

Failure to follow the instructions may cause injury to persons or damage to the product.



Caution

- When installing the product on a table or shelf, be careful not to place it near the edge.
- Turn off the product, disconnect it from the power supply and all connected apparatus before moving it.
- Do not place the product on an unstable or vibrating surface such as a wobbly shelf or a slope.
- Do not use the third-part support bracket. This may cause personal injury or property damage.
- Please use the original AC adapter, otherwise, it may cause product damage or electric shock.
- Do not touch the projector in working, to avoid heat injury.



Caution

- When installing the product on a ceiling, a professional technician should install it using the authorized tools.

When in use



Warning

- Do not place anything containing liquid on top of the product, such as a vase, flower pot, cup, cosmetics, or medicine; or ornaments, candles, etc.
- Do not insert pieces of metal, such as coins, hairpins or metal debris, or flammable materials, such as paper or matches, into the product.
- Do not look directly into the lens when the product is in use. The strong light may damage your eyes.
- When the product is on or has just been turned off, avoid touching the air vent because it will be very hot.
- Do not use the product near electronic devices that generate a strong magnetic field.
- Do not touch the product with your hand for a long time when it is running.
- Never touch the product or power cord during thunder or lightning.

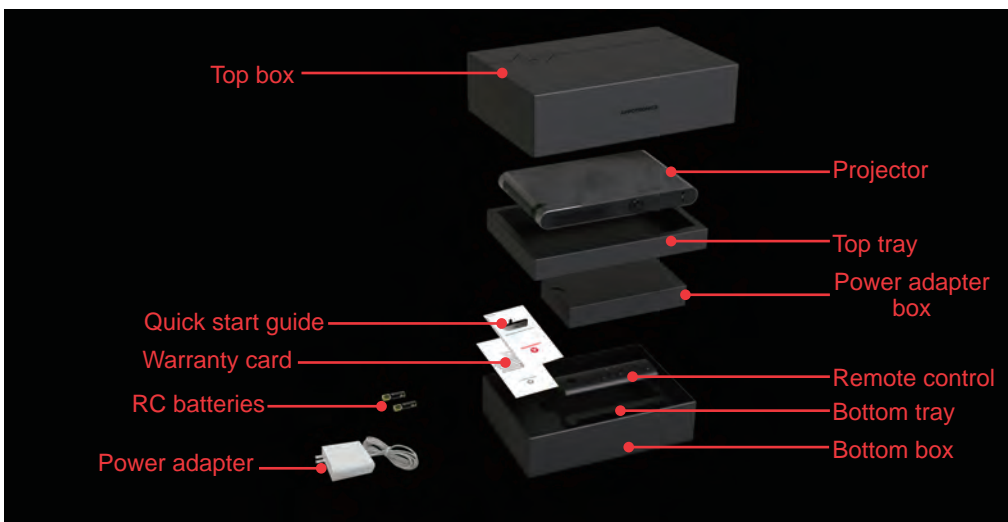


Caution

- When you play a game by connecting a game console to a product, it is recommended that you maintain a distance of more than 1.5 times the diagonal length of the screen.
- Do not touch the glass enclosure of the projector. It will be damaged.
- Do not use any sharp tools on the product, such as a knife or hammer, because this may damage the casing.
- In the event that no image appears on the screen or no sound is heard, stop using the product. Switch off the product, unplug it from the power outlet and contact our service center. Failure to do so may cause fire or electric shock.
- Do not drop anything onto the product or apply heavy pressure to it. This may cause injury to persons or the product malfunction.
- It is recommended that you maintain a distance of more than 1.5 - 3 times the diagonal length of the screen between your eyes and the screen.
- If you watch the screen at a close distance for a long time, your eyesight may become worse.

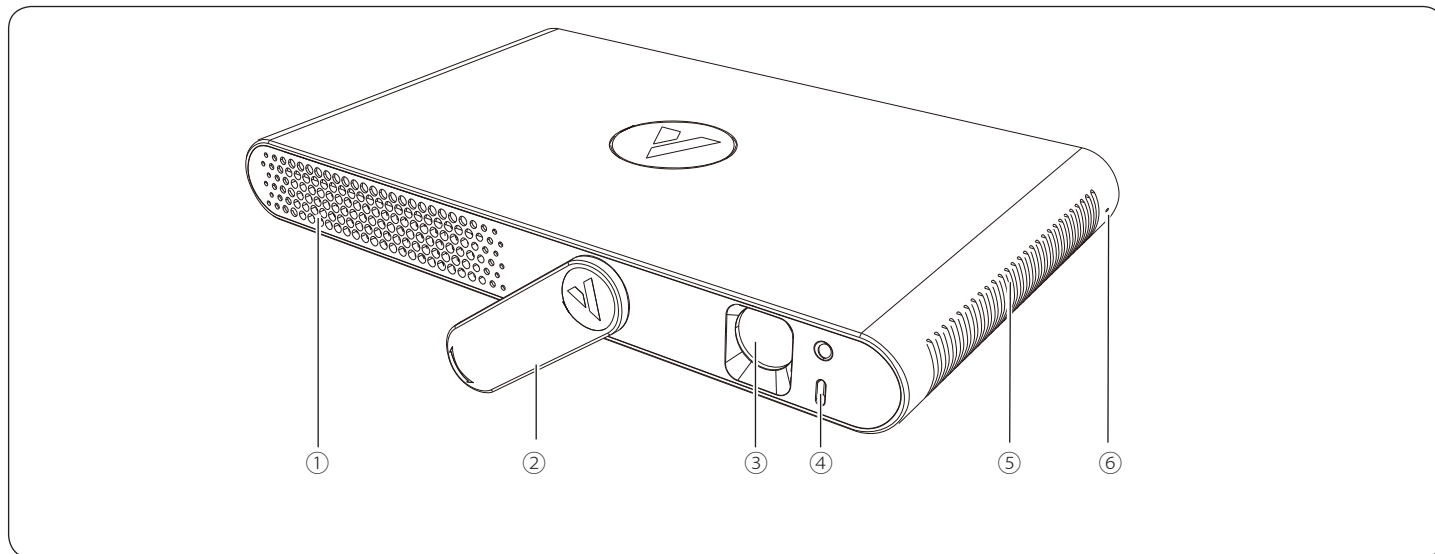
Packing list

Carefully unpack and verify that you have all the items shown below. If any of these items is missing, please contact your dealer immediately.



- Some of the accessories may vary from region to region.
- Accessories are subject to change without prior notice in order to improve the product performance.
- Please save the original package for future shipment.

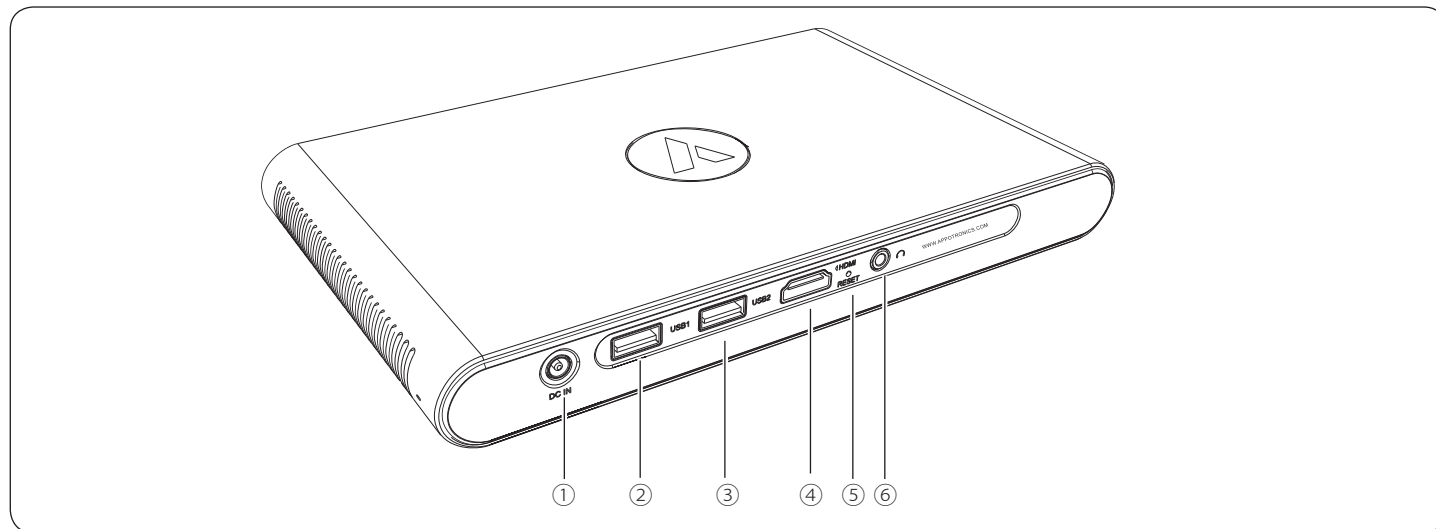
Front



- ① Exhaust vent
- ② Rotary switch
- ③ Lens
- ④ Reflector mount hole
- ⑤ Air intake vent
- ⑥ Power indicator

Projector appearance

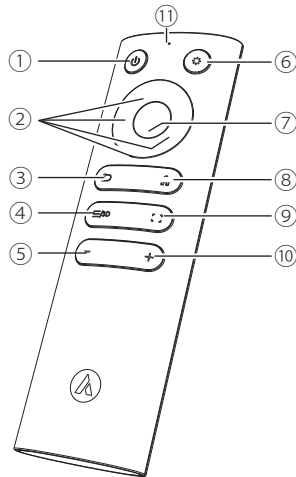
Back



- ① 19V Power
- ② USB1
- ③ USB2
- ④ HDMI
- ⑤ Reset key
- ⑥ Headphone port

✓Note:

The output current of USB1(USB2.0) port is 1A,it supports portable hard disk. The output current of USB2(USB3.0) port is 0.9A, it is a HOST port, and it supports USB2.0 and USB3.0 portable hard disk or USB devices, but it doesn't support OTG.



No.	Description
①	POWER: Turn the projector on or off.
②	Arrow buttons: move and select the desired menu items and to make adjustment.
③	RETURN: Return to the previous menu.
④	MENU/3D: Pop up menu with short press, and pop up 3D control pannel with long press.
⑤	VOLUME - : Volume down.
⑥	Laser pen: Lighting when press, and turning off when move away.
⑦	ENTER: Verify current action.
⑧	HOME: Open the home page.
⑨	FOCUS: Open the focus interface.
⑩	VOLUME +: Volume up.
⑪	Indicator(blue): Splash with short press, and light with long press.

✓ Note:

- Hold VOLUME + and VOLUME - at the same time after turn on the projector, indicator flashes blue. When the indicator stops flashing and lights blue, the remote control and the projector are matched successfully.
- Two AAA batteries are used in the remote control.

Turn on/Turn off

Turn on: Connect to the power source, open the rotary switch to turn on the projector.

Turn off: There are two ways to turn off the projector.

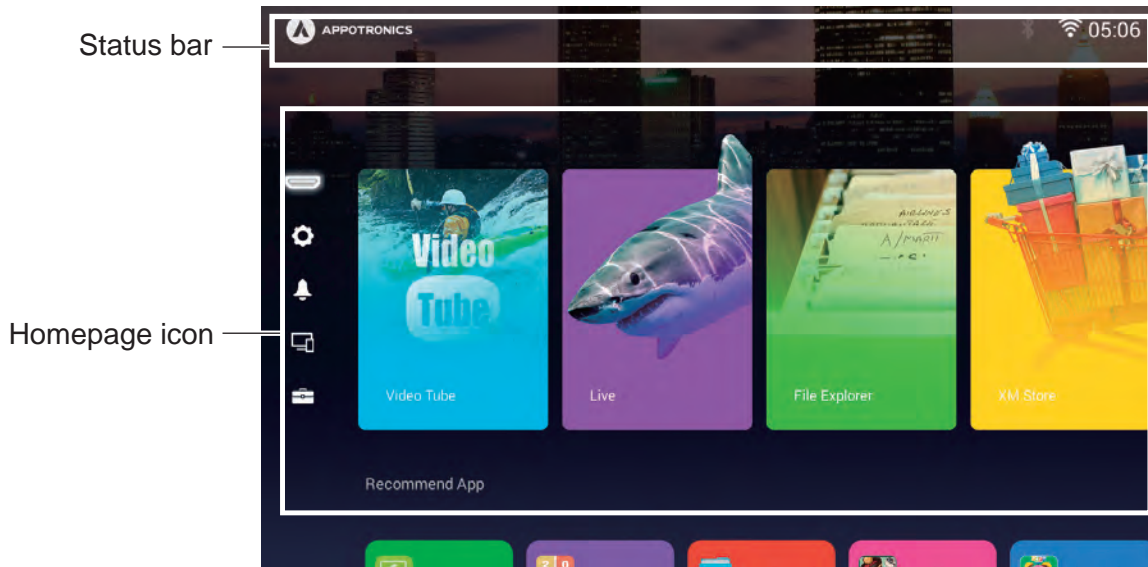
- Turn off the rotary switch, the projector will be shut down automatically after 3 seconds.
- Press the power button on the remote control, the turn off dialog box pops up on the screen. Select "OK" to turn off the projector.

After the projector is turned down, please close the rotary switch. Otherwise, it will be turned on again while pressing the power button on the remote control.

In the event that no image appears on the screen or the projector breaks down, stop using the projector. Please unplug the power cord, close the rotary switch, and restart the projector after 10 seconds.

Home page includes two parts: Status bar and home page icons.

- Status bar: Display the web status and time. If the internet connection is failed or no internet connection, only the time will display when starting up, but the time is not accurate and it will be update after internet connected. Because the status information is got from the web.
- Home page icons: Normal functions. You can select icons according to their preference to perform.

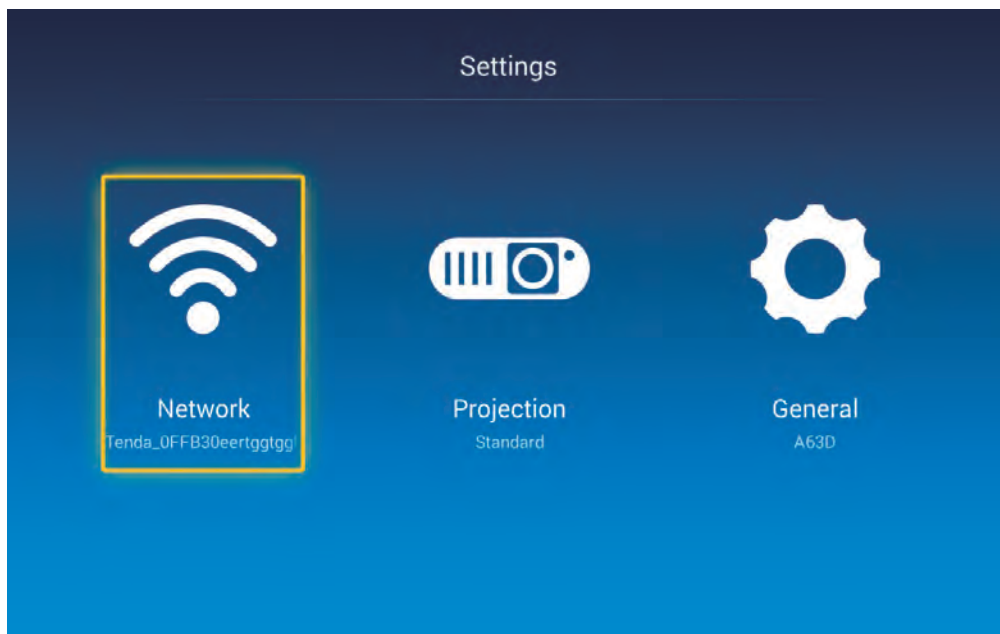


✓ Note:

- There is slight difference between the user interface in this manual and the actual interface. Please subject to the actual interface.

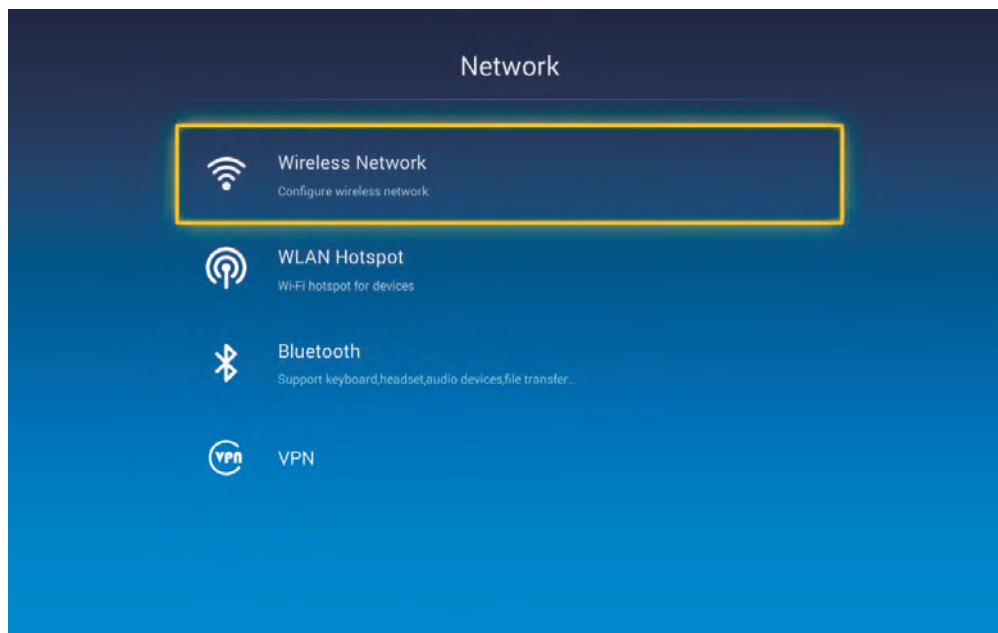
System Settings

Click "Settings" icon to enter system settings interface. It includes "Network", "Projection" and "General".



Network settings

Select "Network" icon, click "OK" to enter "Network" interface. You can set up "Wireless", "WLAN Hotspot", "Bluetooth" and "VPN".

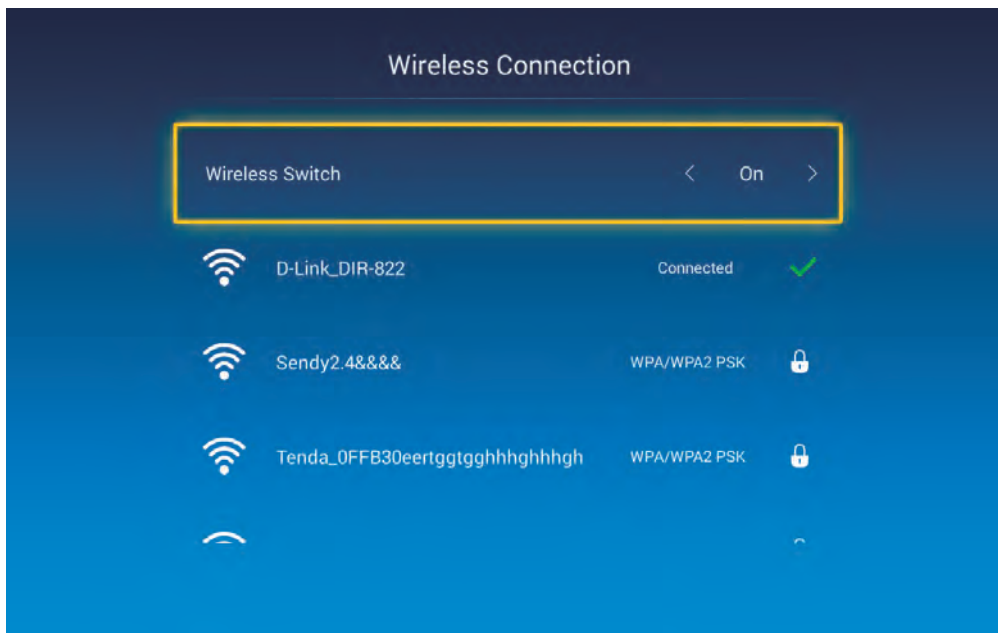


System settings

Wireless connection

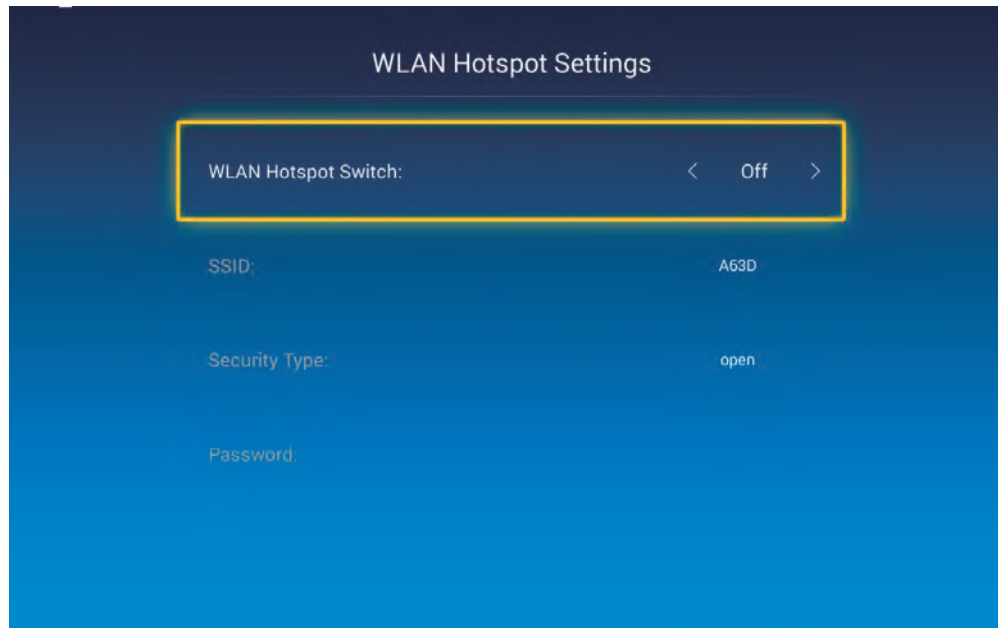
It is used to set up wireless network.

When Wireless Switch is set to "On", the projector will search all available wireless hotspots automatically. You can select and connect an available wireless network.



WLAN hotspot

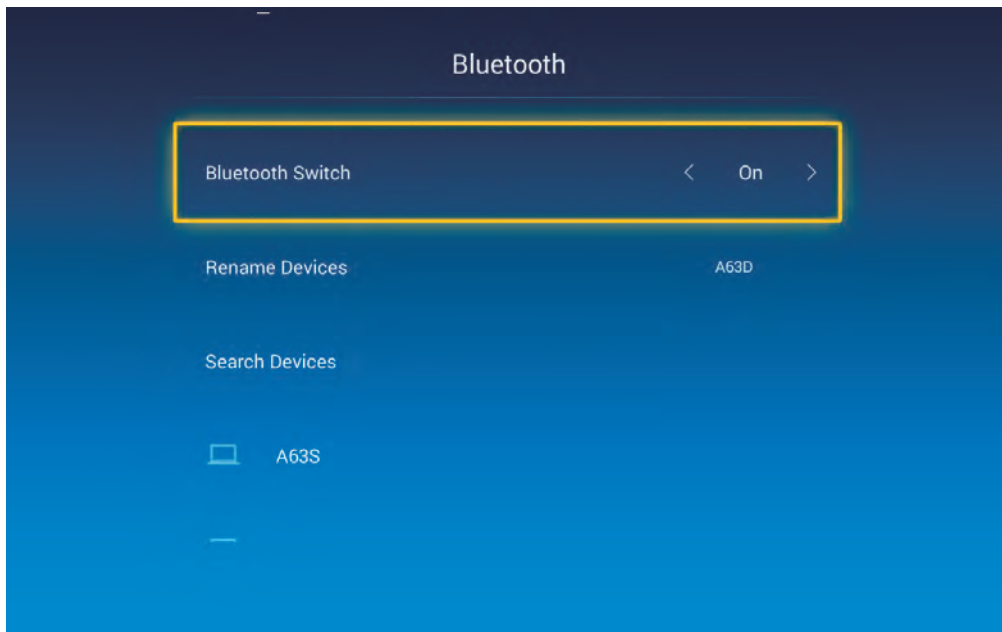
When WLAN hotspot switch is "On", the projector itself can be used as WLAN hotspot. Now the wireless network connection of projector is closed automatically. The default WLAN hotspot is "A63D", and you can rename it in "SSID". There are 3 types of security: "On", "WPA PSK" and "WPA2 PSK". If the security type is set to "On", any device could connect to this hotspot. If the security type is set to "WPA PSK" or "WPA2 PSK", Password is required for the devices to connect to this hotspot.



System settings

Bluetooth settings

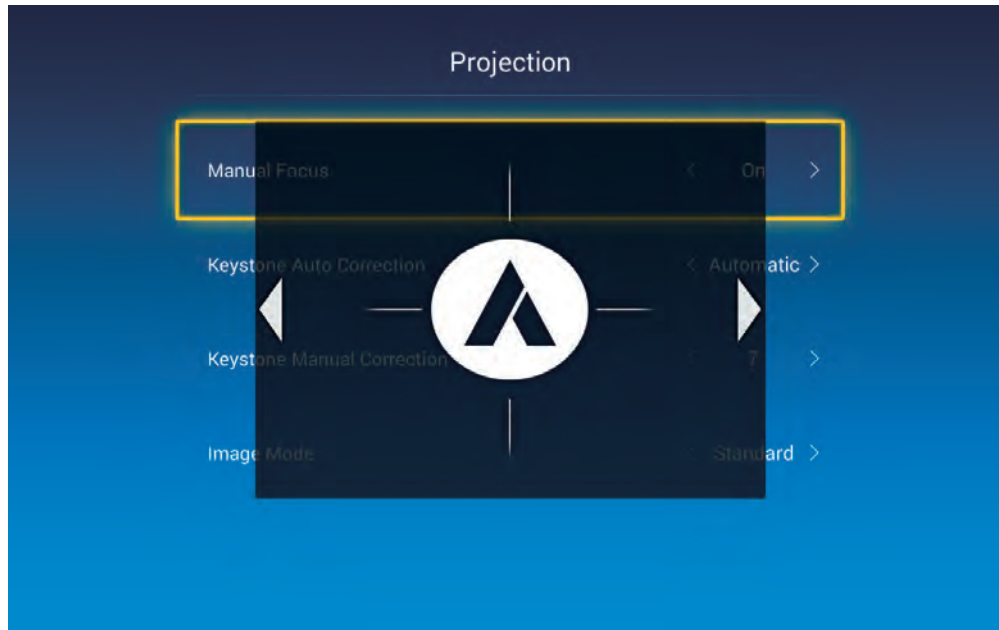
When Bluetooth Switch is set to "On", you can transmit all kinds of documents via bluetooth, such as texts and audios.



Manual focus

You can set Manual Focus to "On" or "Off".

When Manual Focus is set to "On", the manual focus box will pop up. Toggle Left or Right key on the remote control, to make the image be up to an optimum state.

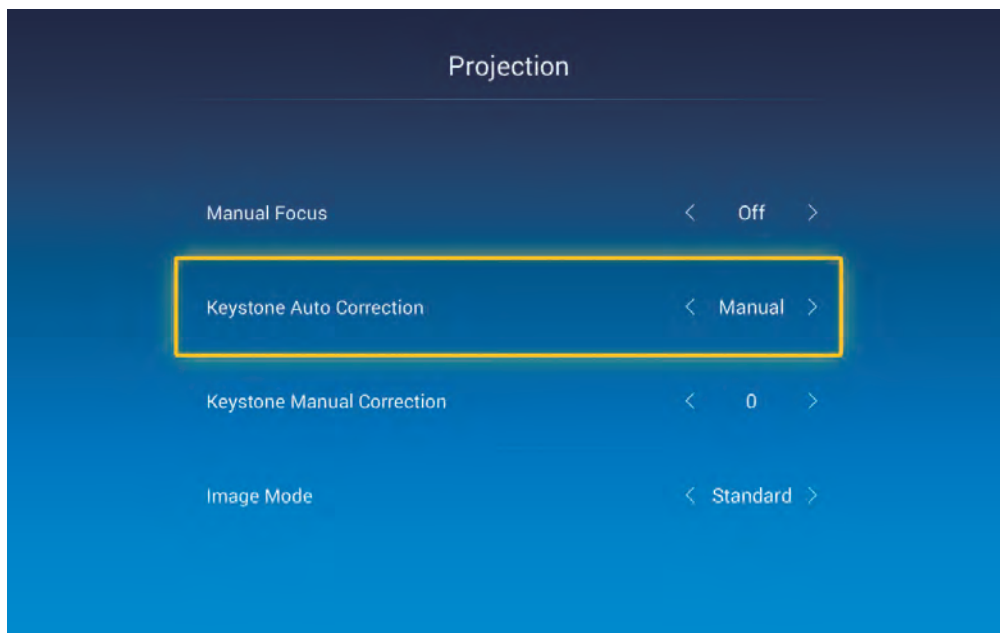


Projection settings

Keystone Auto correction

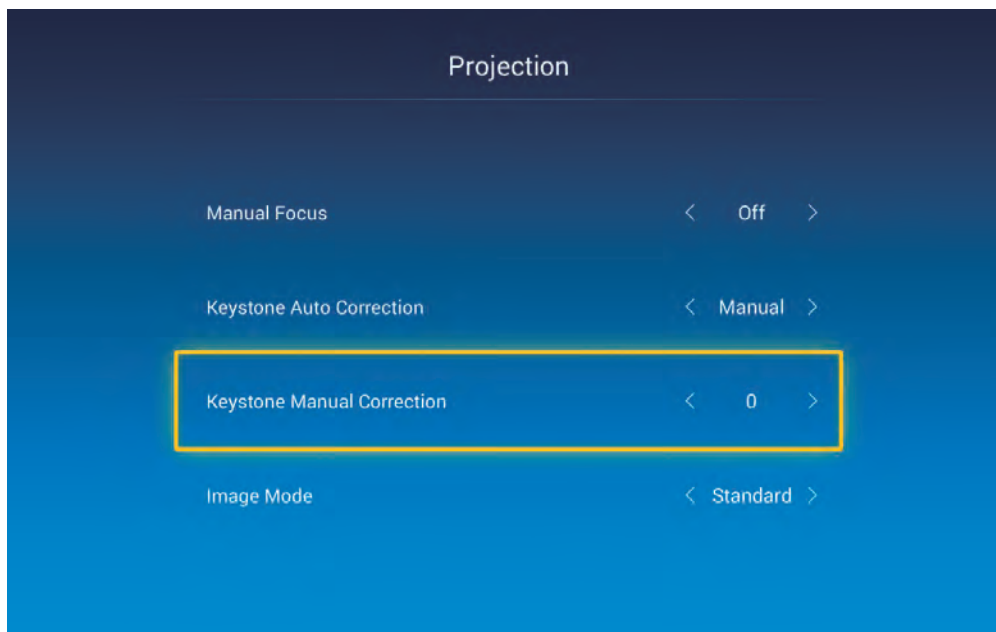
You can set Keystone Correction to "Auto" or "Manual".

When it is set to "Auto", the projector will perform keystone correction automatically, to keep the screen rectangle.



Keystone manual correcton

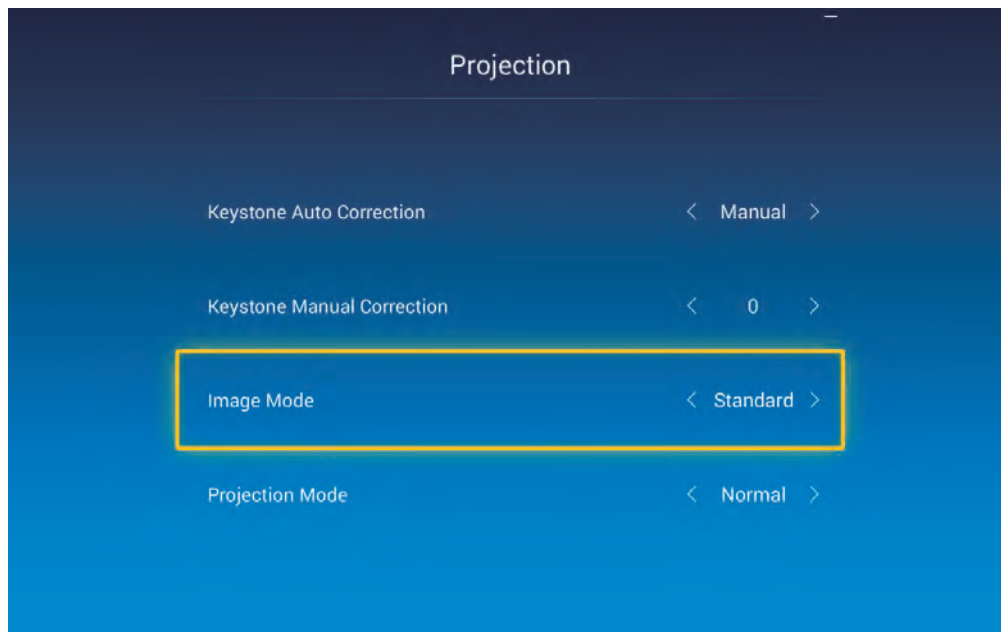
You can adjust the number of keystone correction, via Left and Right key on the remote control, to perform keystone correction manually.



Projection settings

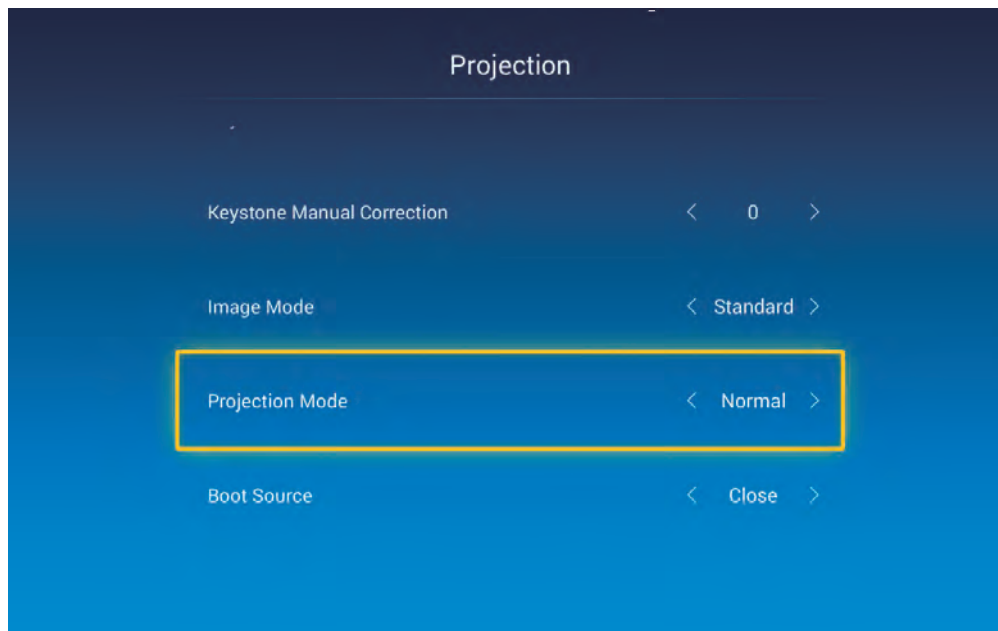
Image Mode

You can set Image Mode to "Highlight", "Standard" or "Custom".



Projection Mode

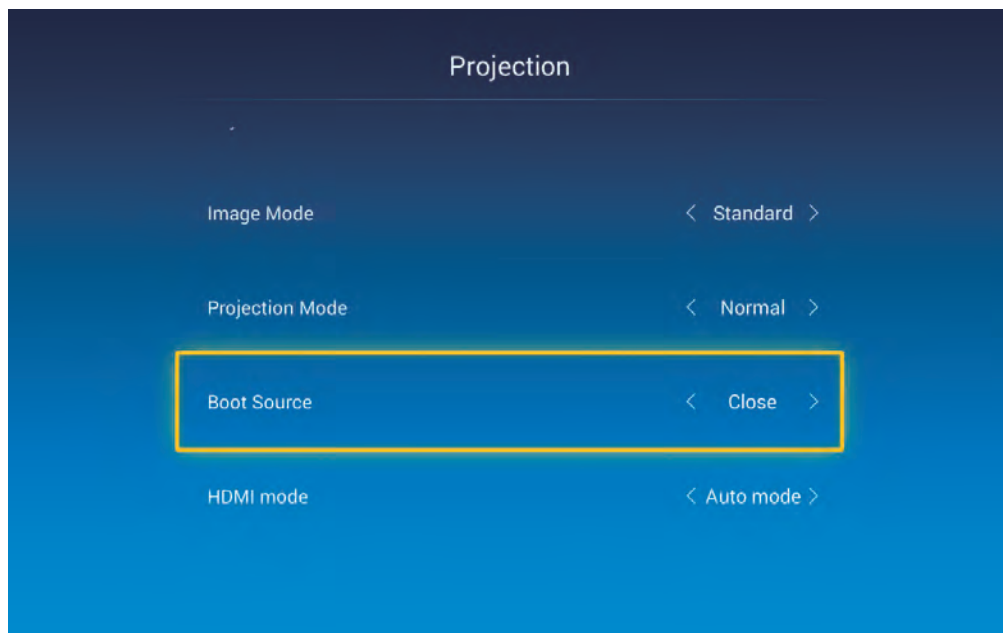
In Projection Mode item, You can set the Projection Mode of the projector, according to the positioning methods.



Projection settings

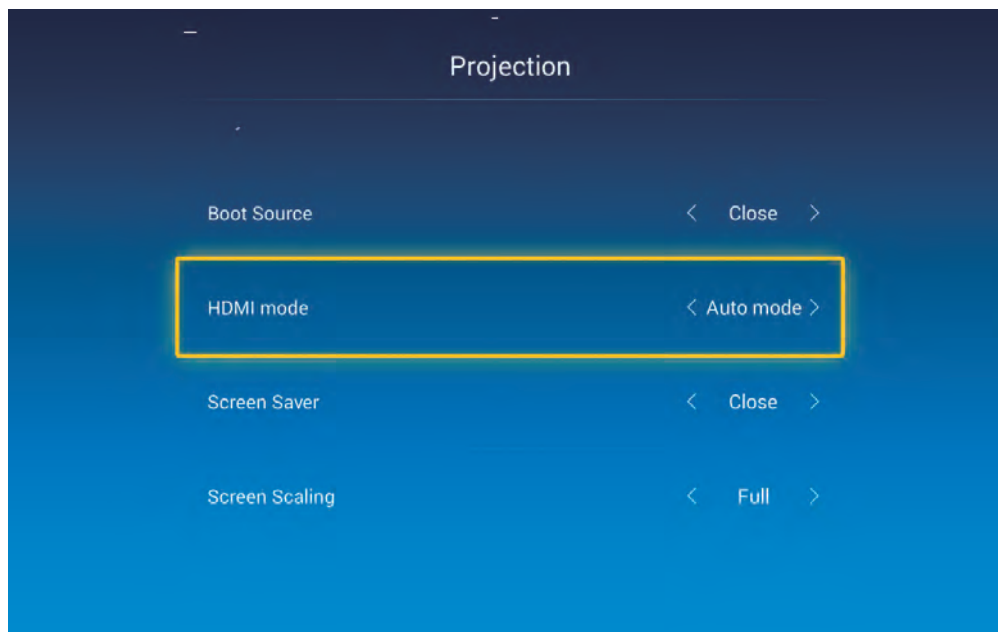
Boot source

In Boot Source item, select the input signal.



HDMI Mode

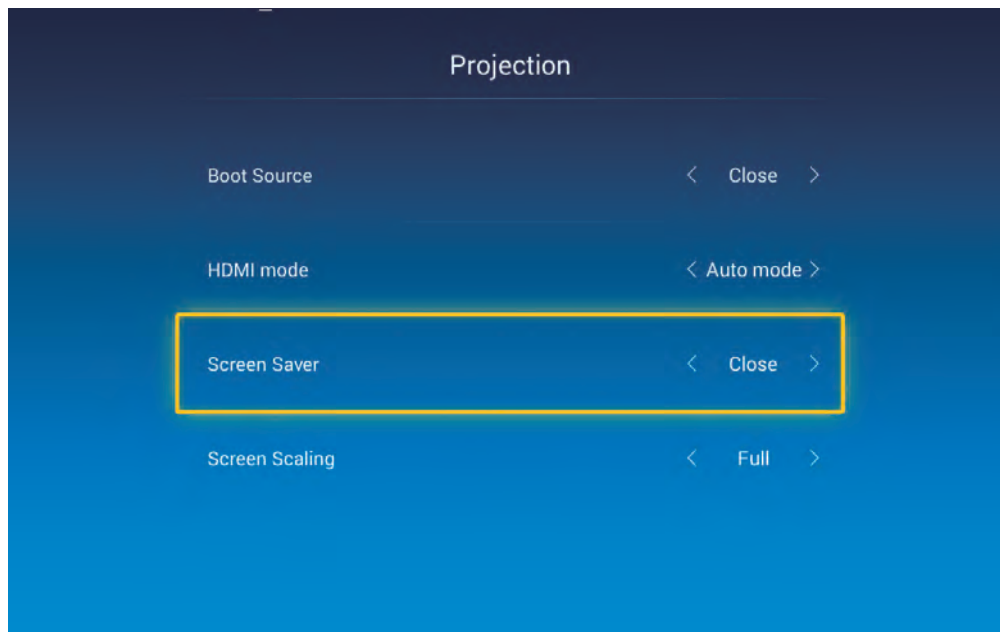
You can set the HDMI mode to Auto mode, DVD mode or PC mode.



Projection settings

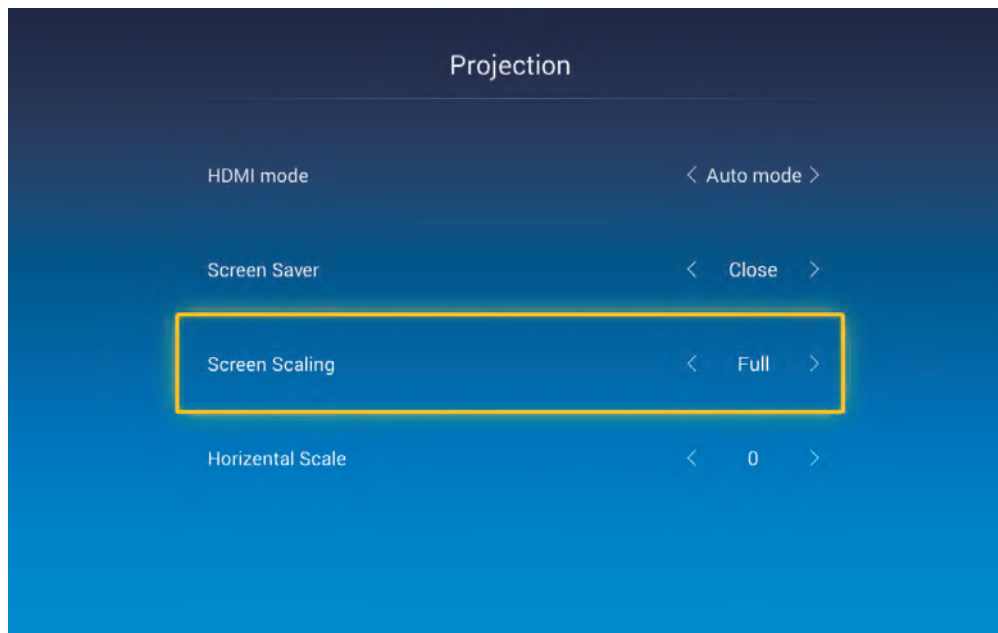
Screen Saver

In Screen Saver item, set the time when the screen saver start.



Screen Scaling

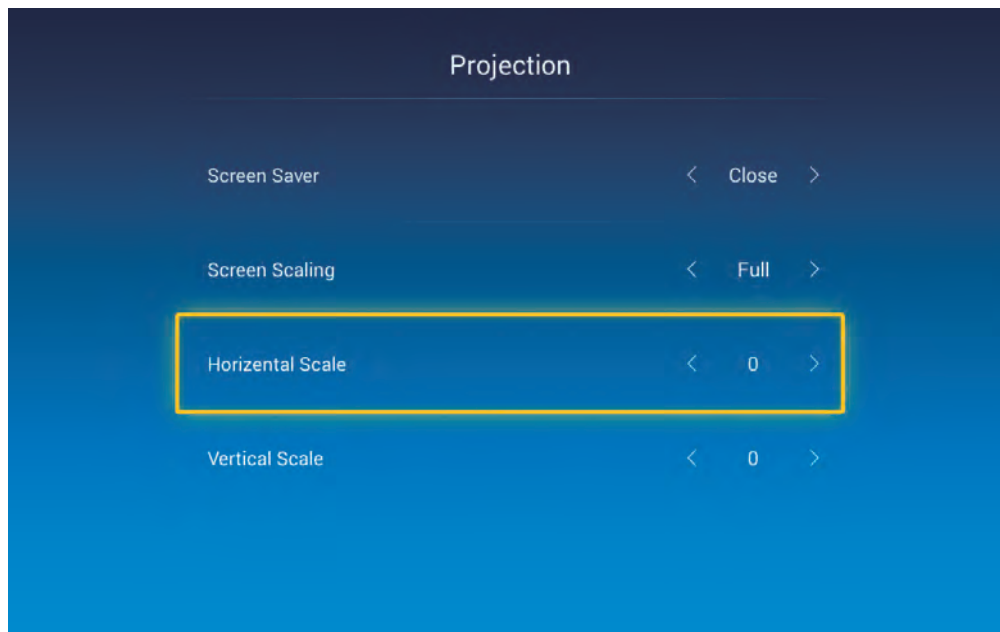
In Screen Scaling item, you can set the screen size to "Full", "4:3", "16:9", "21:9".



Projection settings

Horizontal Scale

You can set the horizontal scale from 0 to 40.



Vertical Scale

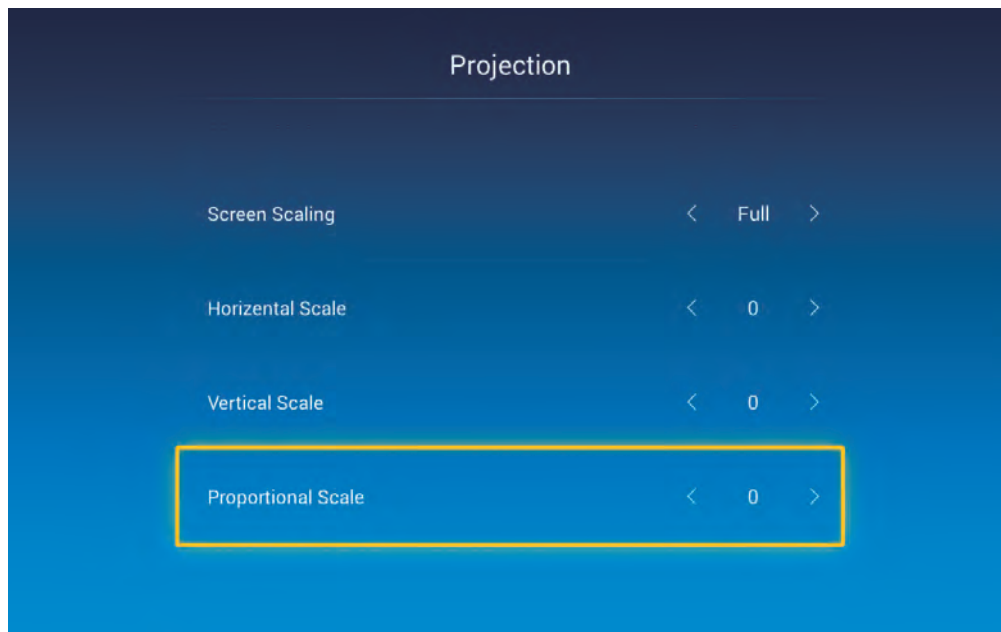
You can set the vertical scale from 0 to 40.



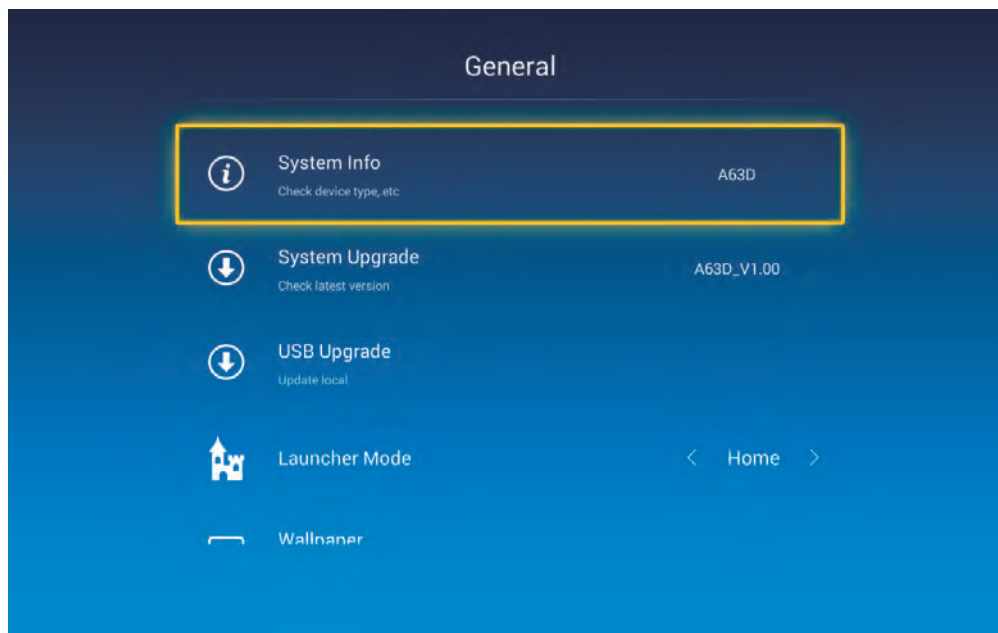
Projection settings

Proportional Scale

You can set the proportional scale from 0 to 40.



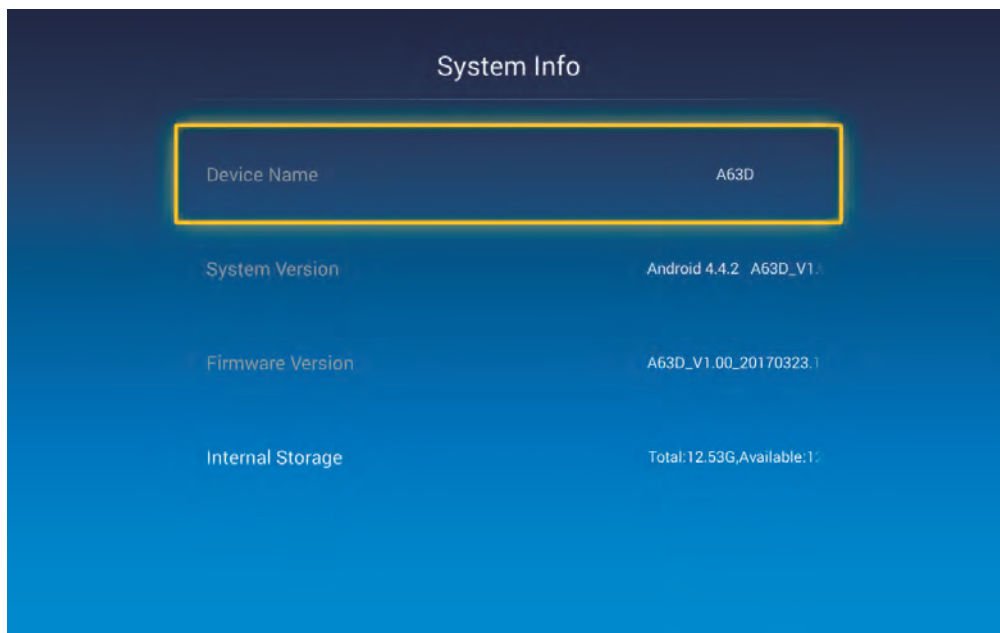
In General page, you can view "System Info", "System Upgrade", "USB Upgrade", and "Restore Factory Settings". You can set "Language", "Input Method", "Wall Paper" and "Voice".



General Settings

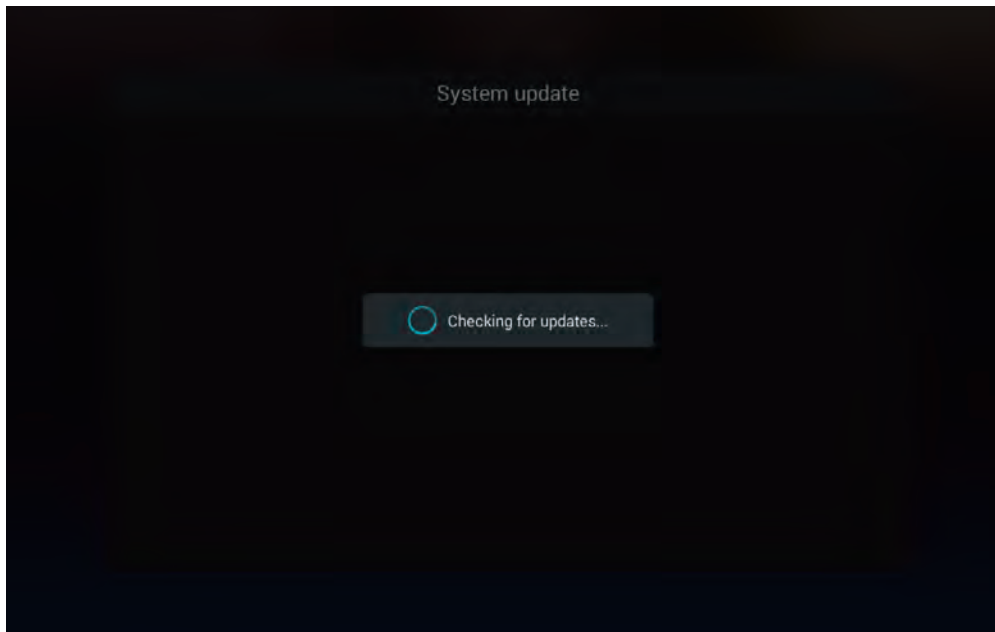
System info

In System Info page, you can view "Device Name", "System Version", "Firmware Version", "Internal Storage", etc.



System upgrade

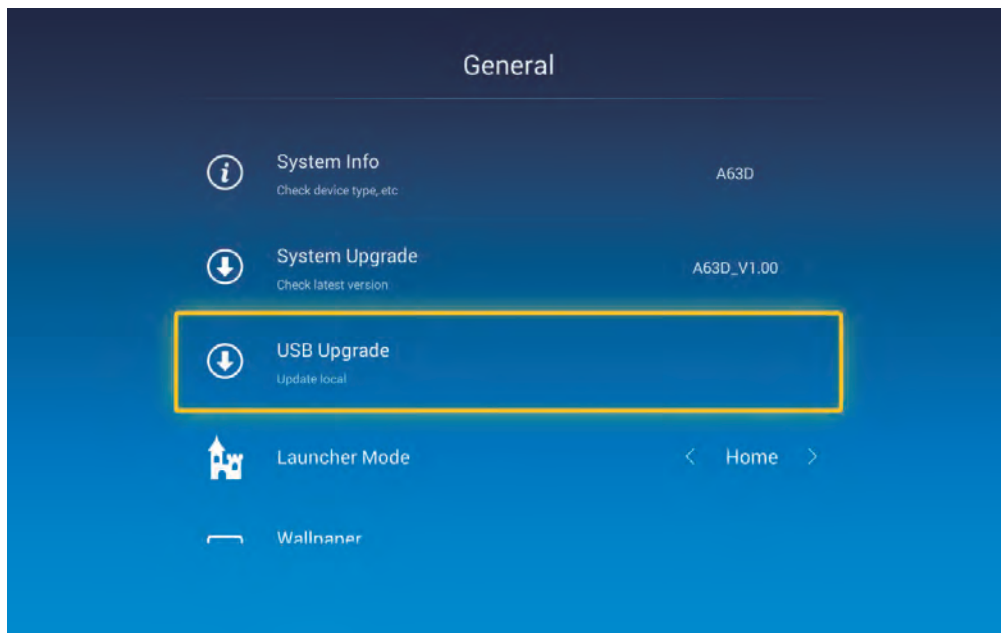
System upgrade online is supported. You can perform upgrade online when the new version is detected.



General Settings

USB upgrade

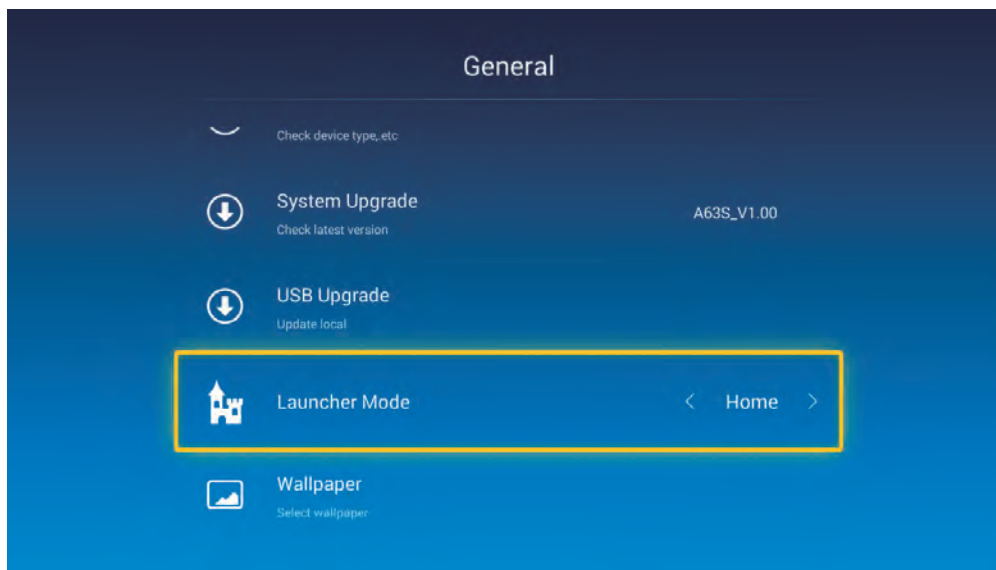
Local upgrade of USB is supported. You can download the new version of installation program to USB, and perform local upgrade.



Note: USB upgrade doesn't support the USB device of exFAT format.

Launcher Mode

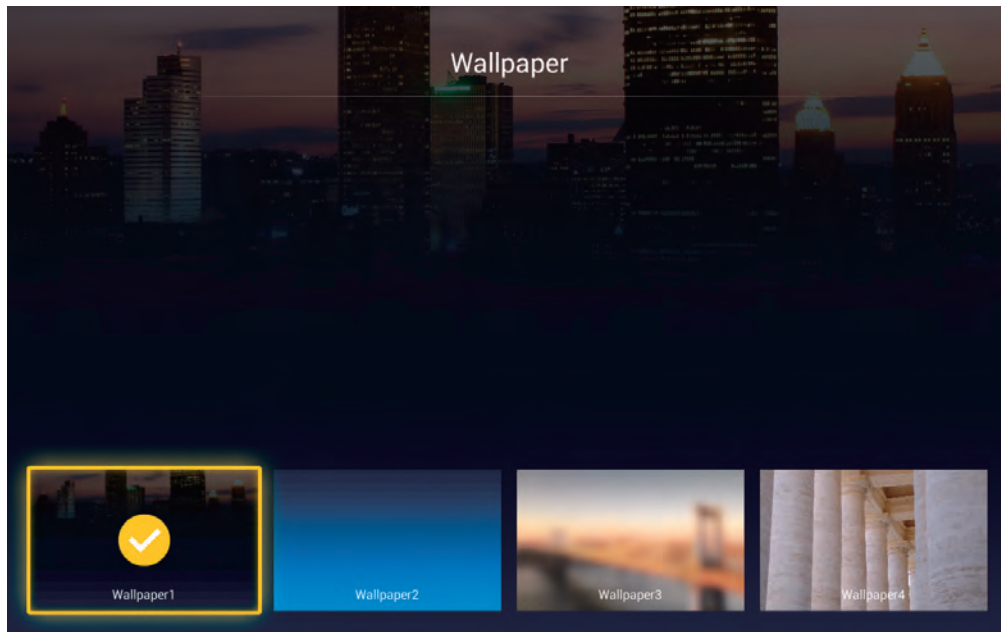
you can set Launcher Mode via Left/Right key on the remote control.



General Settings

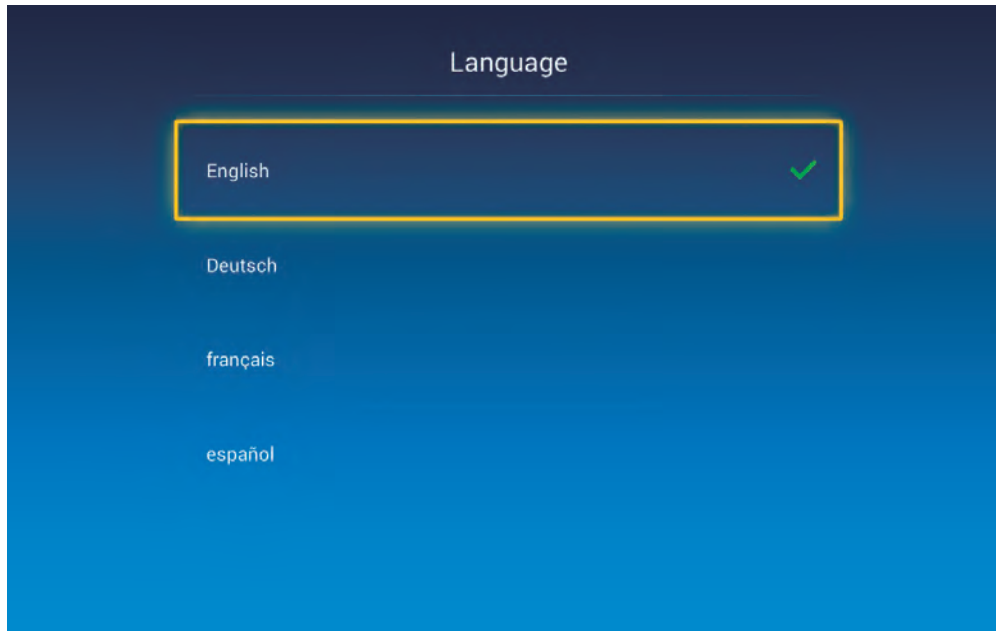
Wallpaper

You can set the wallpaper according to your preference.



Language

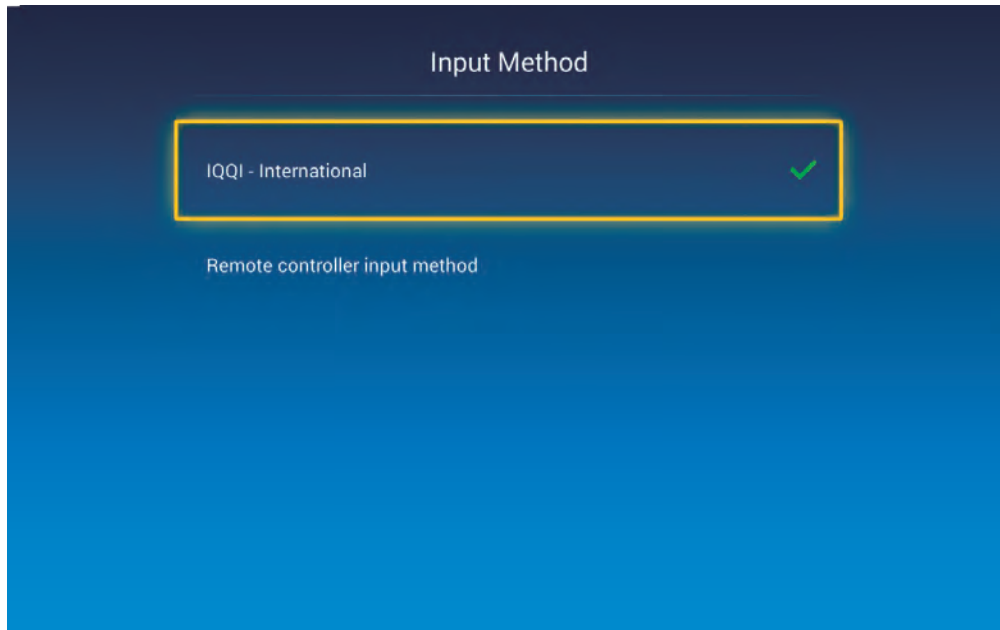
You can set the display language. The projector supports 12 languages: English, German, French, Spanish, Italian, Portuguese, Korean, Japanese, Thai and Vietnamese.



General Settings

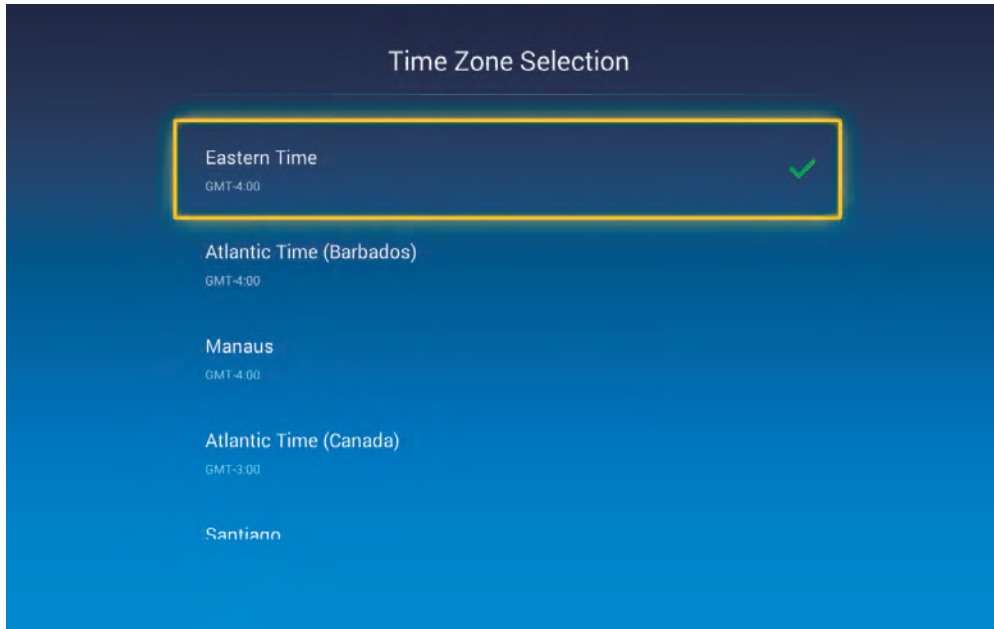
Input methods

You can select the input method according to your preference.



Time Zone Selection

Select the time zone where you will operate the projector.



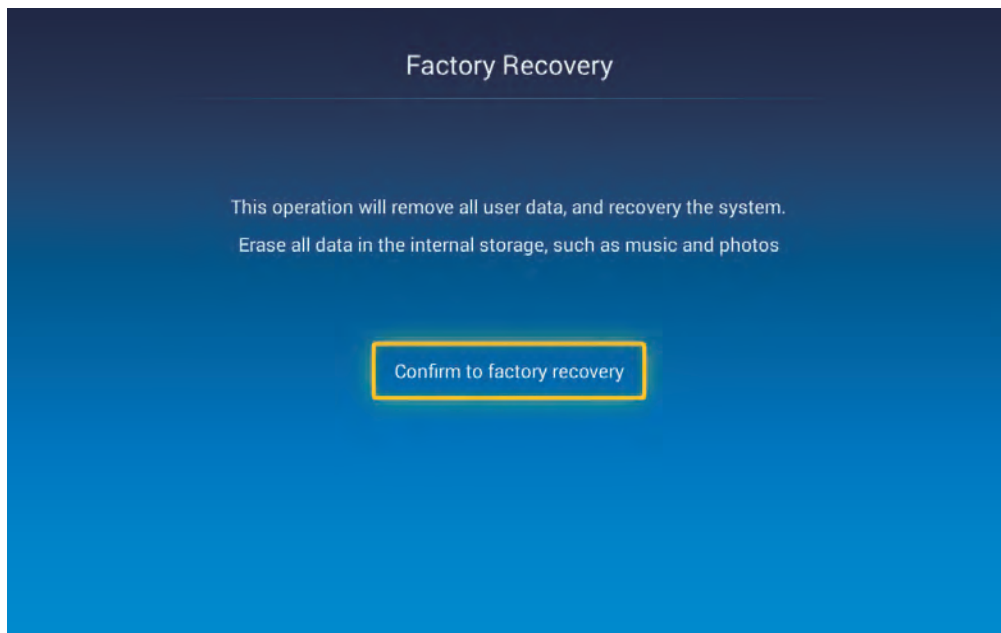
The image shows a 'Time Zone Selection' screen with a dark blue background. A yellow rectangular highlight is drawn around the first option, 'Eastern Time', which is accompanied by a green checkmark icon. Below this, the following options are listed: 'Atlantic Time (Barbados)', 'Manaus', 'Atlantic Time (Canada)', and 'Santiago'. Each option is followed by its corresponding GMT offset.

Time Zone	GMT Offset
Eastern Time	GMT-4:00
Atlantic Time (Barbados)	GMT-4:00
Manaus	GMT-4:00
Atlantic Time (Canada)	GMT-3:00
Santiago	

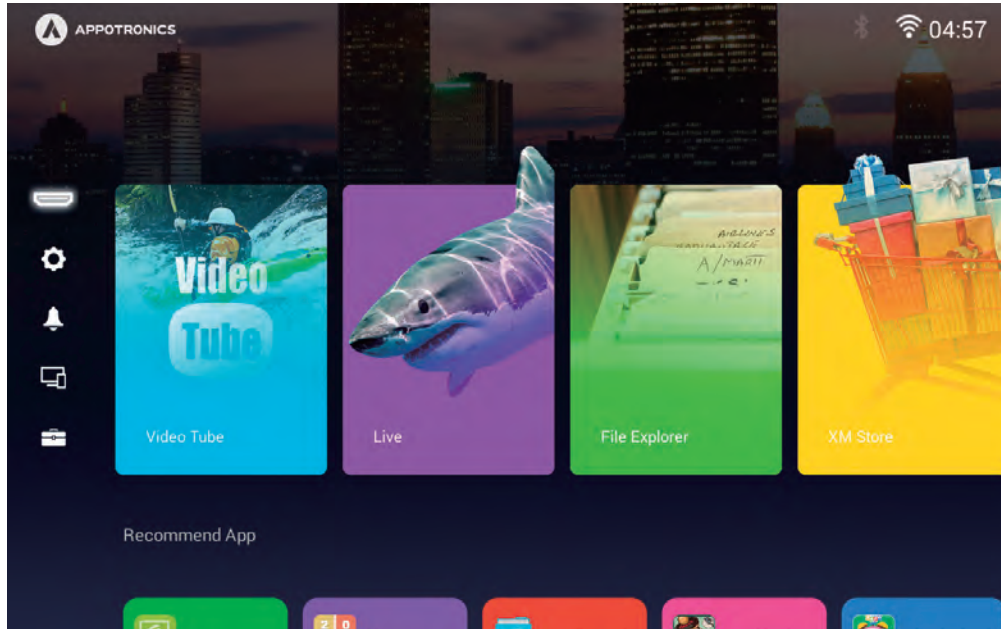
General Settings

Factory Recovery

Restore the projector to factory settings. Please make a backup for all data before performing, to avoid data missing.



You can get images and voice with high quality. Connecting the HDMI input port of the projector to the HDMI output port of the device, in the condition of connecting to the network, click "HDMI" icon, and enter HDMI input mode.



HDMI

Recommended HDMI format is as follow:

HDMI signal	
Resolution	Vertical frequency
640*480	60Hz
720*240	60Hz
720*400	85Hz
720*480	60Hz
720*576	50Hz
800*600	56Hz
	60Hz
	73Hz
	75Hz
	85Hz
	120Hz
1280*720	24Hz
	30Hz
	50Hz
	60Hz
1024*768	43Hz
	60Hz
	70Hz
	75Hz
	85Hz

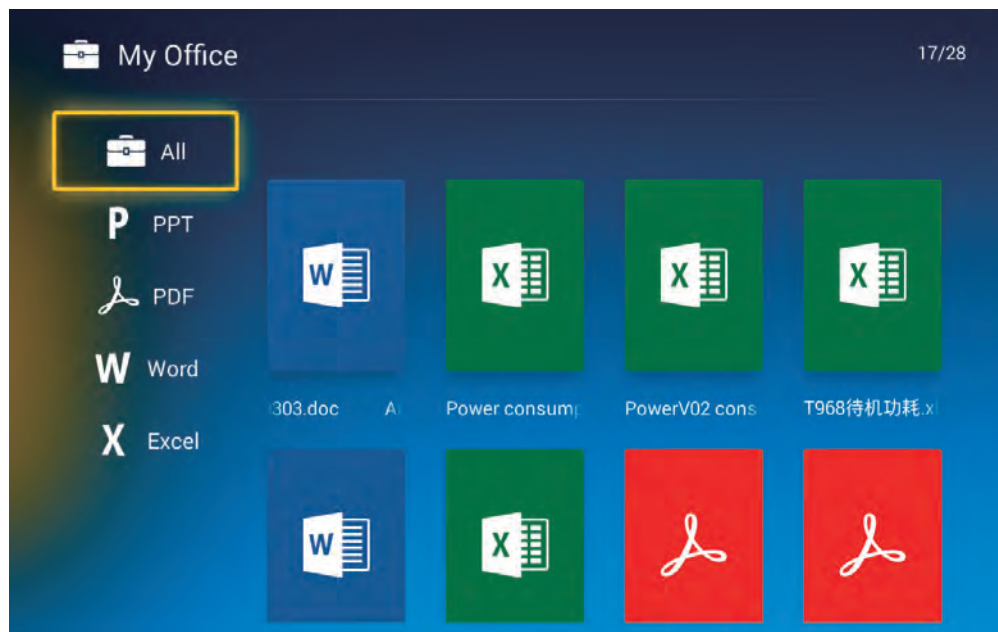
HDMI signal	
Resolution	Vertical frequency
1280*1024	60Hz
	75Hz
	85Hz
	120Hz
1280*768	60Hz
	75Hz
	85Hz
1280*800	60Hz
	75Hz
	85Hz
	120Hz
1280*960	60Hz
	85Hz
	120Hz
	50Hz
1360*768	60Hz
	74Hz
	85Hz
	120Hz

HDMI signal	
Resolution	Vertical frequency
1440*900	60Hz
	75Hz
	85Hz
	120Hz
1400*1050	75Hz
	85Hz
1600*1200	60Hz
	65Hz
	70Hz
1680*1050	60Hz
	75Hz
1920*1080	24Hz
	25Hz
	30Hz
	50Hz
	60Hz
1920*1200	60Hz
3840*2160	30Hz
	25Hz
	24Hz
4096*2160	24Hz

✓ Note:

- Connecting to the computer, please select the resolution in EDID, and 1280x800 is recommended.
- Damages resulted by selecting a resolution which is not supported by EDID, is not within the repair coverage.

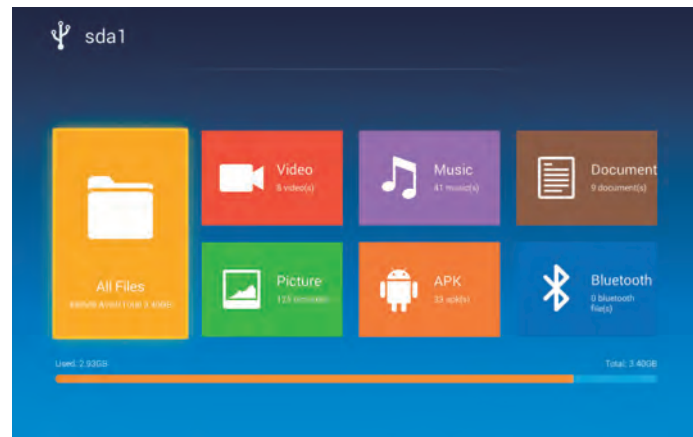
Click "My Office" in homepage, and enter "My Office" interface. You can read the official documents conveniently.



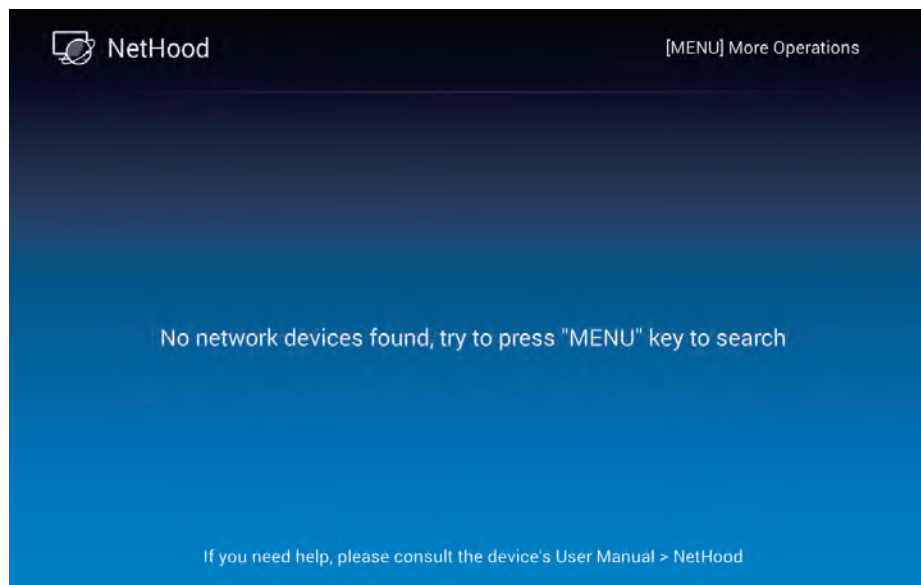
Multimedia

Click "Multimedia" icon, and enter "Multimedia" interface. You can view and play pictures, videos, and musics in the mobile storage device.

There are seven items in this page: Video, Picture, Music and All Files. You can focus on a specified item via the left and right key on remote control. Then click "Enter" key to view or play. In "All Files", you can view files, which is the same as a file manager.



You can view the files in the nethood of the nethood, copy files between the computer and the device.



The procedures to operate the Nethood:

1. Ensure that the IP address of the equipment and the computer are in the same segment, such as 192.16.1.*;
2. Open the share function of the computer, you can search "Win7(XP) open network sharing" in internet;
3. Set a shared folder in the computer, pay attention that don't share the folder on the desktop, otherwise, the folder may not be shared successfully;
4. Click "File"->"Nethood", press MENU to select "Search" or "New";
5. Click "Search" or "New" on the shared computer to view the shared directory.

NetHood

FAQ:

- Click "File " > "Nethood", press MENU button to select "Search",but can not search the shared computer:
Please ensure the the IP address of your device and computer are in the same segment, you can ping IP address on the computer to check.
- Shared computer is searched but it can not be connected to the host:
Please ensure the you have opened the network sharing function. Guest is forbidden, password protect sharing is enable for WIN 7, sharing service is not started or local security configuration may result that the device can not visit the shared computer. You can search via internet: WIN 7(XP) can not visit the shared computer.
- Shared directory can not be checked in shared computer:
Please ensure the shared folder is successfully set but not on the desktop.
- R/W failed when click the shared directory:
Please ensure the shared directory exists in the computer and Everyone or Guest is added as shared user.

Refer to the actions shown below, you can synchronize the required data to the screen.



English

You can connect a mobile or tablet to the projector via XMfly.

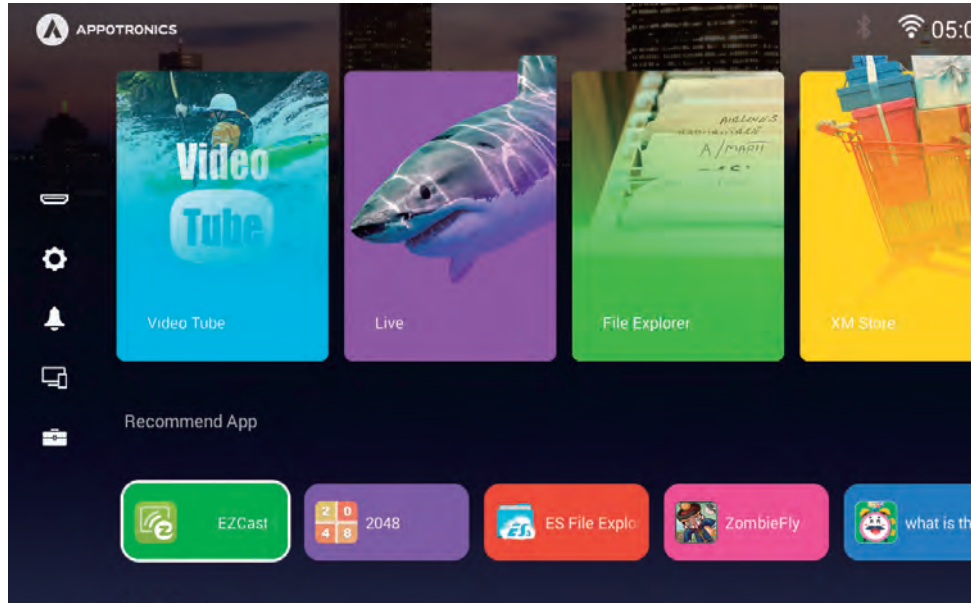
Open "Appotronics Assistant" on the mobile or tablet, and it shows "Picture", "Audio", "Video" and "Files" in the page. There are 3 control methods displayed on the bottom: Remote, Mouse and Push.

- Remote: The mobile or tablet can be used as the remote control to control the projector.
- Mouse: The mobile or tablet can be used as the mouse to control the projector.
- Push: "Music", "Picture", "Video" and "Files" on the mobile or tablet and be push to the projector.

For OS Android 5.0 or above, you can directly click Push button on the upper right to synchronize the images on the mobile or tablet to the projector.

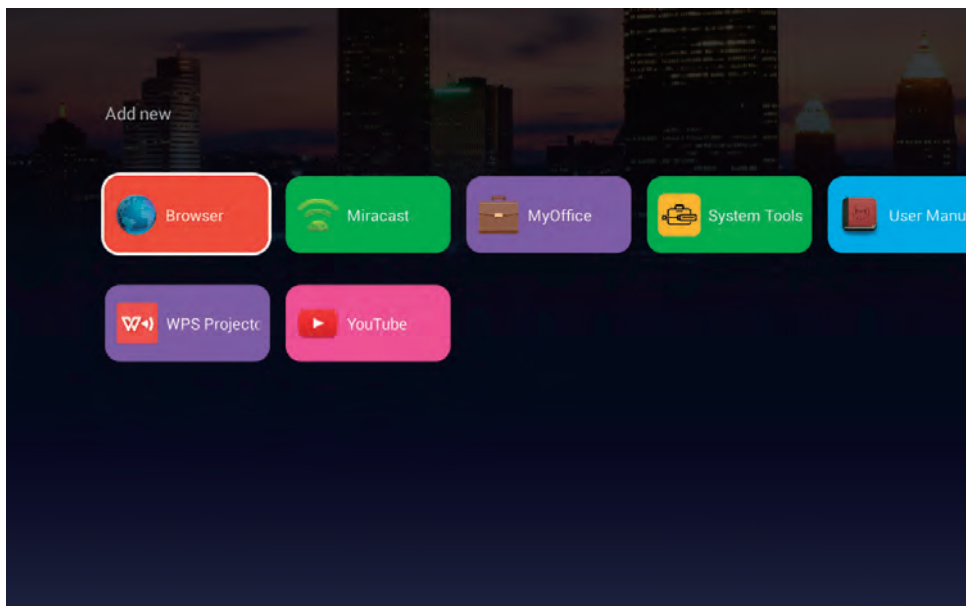
Remmmend App

When the projector is connected to internet, 5 recommend APP will appear on the Launcher for user to download and intall.



Application

The installed application are displayed in this page. The way to download or delete applications is the same as the tablet or mobile.



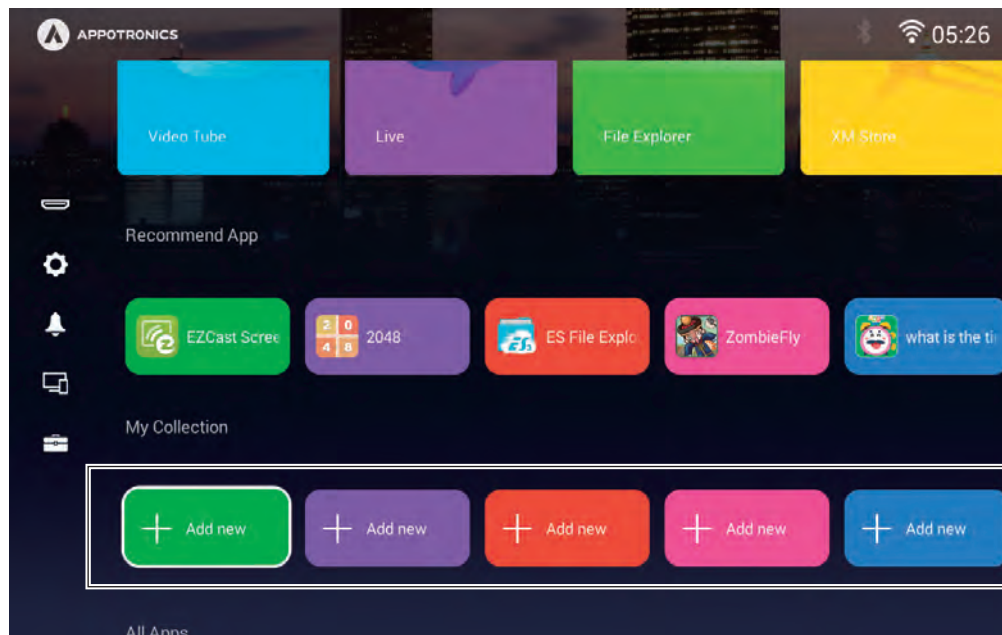
✓ Note:

- If you install the third party application yourself, you should answer for the possible compatibility issues. It is not within the repair coverage.

Add new

You can add 4 applications to the home page.

Click "Add New" icon, and enter Application interface. Select the application to be added , click "OK", and then this application is displayed in the home page.



"Add New" is also used to replace APP. Select the APP to be replaced, long press "Enter" key, and then select the required APP to add.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC ID : 2ALQL-A63D



APPOTRONICS



iOS



Android

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