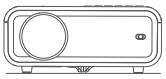
USER MANUAL

RV450W



• Email: contact@projectorcs.com •

Please read this manual throughly before using and keep it for future reference.

V1.01

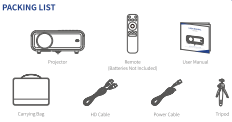
Thanks for choosing our product.
If you have any concerns or need any help,
please contact us at
contact@projectorcs.com

CONTENTS

PACKING LIST 01
NOTICE 01
PRODUCT OVERVIEW 02
QUICK START 03
PROJECTOR CONNECTION 04
PROJECTION DISTANCE&SIZE 04
TROUBLESHOOTING GUIDE 05
WIFI CONNECTION 06
MULTIMEDIA CONNECTION 06
SCREEN MIRRORING 08
AUDIO OUTPUT VIA BT CONNECTION 10
SETTINGS 12
SPECIFICATION 13

EN

PACKING LIST



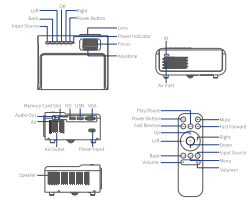
NOTICE

Recommended

NOT Recommended

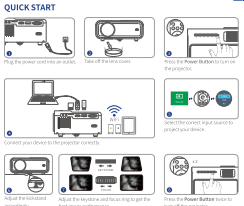
EN

PRODUCT OVERVIEW



EN

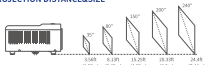
QUICK START



EN

PROJECTOR CONNECTION

PROJECTION DISTANCE&SIZE



* The recommended projection distance varies with different projection contents. Please adjust the distance between the wall/screen and the projector properly as needed.
* Ambient darkness will improve the clarity of the projected images.

EN

TROUBLESHOOTING GUIDE

1. The copyrighted contents from Hulu, Netflix, and similar services can not be mirrored or cast.
   * Due to the copyright restriction from Hulu, Netflix, and similar services, the contents MIN NOT be mirrored or cast.
2. What should I do if I want to watch the copyrighted contents from Hulu, Netflix, and similar services via the projector?
   * Please prepare a Fire TV stick, Roku stick or Chromecast™ (not included), then connect it to the projector to watch the contents.
3. Blurry image
   * Adjust the focus ring/keystone (This model only supports vertical keystone correction.).
   * The projector and screen/wall must be in the effective distance.
4. Can I play a video with 4K resolution via a USB drive?
   * The 4K video contents can be presented by connecting the projector to a laptop or a TV stick, but it cannot be presented via a USB drive.
5. Remote unresponsive
   * Make sure the remote points at IR receiver directly.
   * Do not cover the IR receiver.
   * Replace the old AAA batteries with new ones.
6. Upside down images
   * Go to **Homepage > Setup > OPTION > Projection Mode** to flip the projection image.
7. Factory reset
   * Go to **Homepage > Setup > OPTION > Factory Reset** to restore the projector to default settings.

EN

WIFI CONNECTION

1. Go to **Homepage > Setup > Network > Network Information**, then select **Scan** to display the WIFI list.
2. Press the **Up/Down** button to select your WIFI, then press the **OK** button to continue.
3. Enter the correct password, then select **Connect** to get Internet connection.

MULTIMEDIA CONNECTION

Projecting from a USB Disk/memory card

1. Turn on the projector and insert your USB disk/memory card into the USB port/memory card slot.
2. Go to **Homepage** to select **Media**, it will display an interface for projecting from a USB Disk/memory card.

EN

3. Select the category of the file you would like to project accordingly.
   * To play the video, select **Movie**, then find your video file and play it by pressing the **OK** button.
   * To play the audio file, select **Music**, then find your audio file and play it by pressing the **OK** button.
   * To project photos, select **Photo**, then find your photo and play it by pressing the **OK** button.

Different File Formats Supported

Image Format Supported: BMP/JPE/JPG

Audio Format Supported: MP3/WMA/AC/3/AC/WAV

Video Format Supported: AVI/MP4/MKV/TS/MOV/RMVB/3GP/MPG/RM

Projecting from HDMI Input Connection

1. Turn on the projector, then connect the projector to your device with the provided HD cable.
2. Go to **Homepage**, then select **Source > HDMI** to project the contents from your device to the screen/wall.

EN

Projecting from VGA Input Connection

1. Turn on the projector, then connect the projector to your device with a VGA cable (not included).
2. Go to **Homepage**, then select **Source > VGA** to project the contents from your device to the screen/wall.

Projecting from AV Input Connection

1. Turn on the projector, then connect the projector to your device with the an AV cable (not included).
2. Go to **Homepage**, then select **Source > AV** to project the contents from your device to the screen/wall.

SCREEN MIRRORING

For IOS System

1. Connect the projector and your mobile device to the same router's WiFi or directly connect your mobile device to the projector's AP hotspot.

Tip:

When you are using the projector's AP hotspot, the content will be mirrored via the cellular data.

2. Go to **Homepage > iOS Cast** to display the following interface.

EN

1. Activate **Screen Mirroring AirPlay Mirroring** on your iOS device and search for the projector.
4. Select **Lazer-xxxx** from the searching list.
5. Your iOS device display will be projected on the wall/screen.

For Android System

To activate this function, please make sure your android device supports **Multi-screen, Wireless display, Smart View**. Names may differ from different Android devices.

1. Turn the **WIFI** to **ON** status in the settings of your Android device. To make a smoother streaming, please do not connect to any WIFI on your projector (only for Android devices).
2. Go to **Homepage > Miracast** to enter the following interface.

3. Activate **Multi-screen/Wireless display/Smart View** function on your Android device and search for the projector.
4. Select **Lazer-xxxx** from the searching list.
5. Your Android device display will be projected on the wall/screen.

EN

Notes:

① An extra HDMI adapter is needed when you mirror your device through wired connection.

② The fluency of screen mirroring will be affected by the network environment. A bandwidth of 10Mbit or more is recommended when using screen mirroring.

③ Make sure your mobile device is close to the projector when using wireless connection. A distance within 3ft is recommended.

④ Some mobile devices may not support screen mirroring due to the compatibility.

⑤ Due to copyright restrictions of Hulu, Netflix, and similar services, the copyrighted contents on these streaming services CAN NOT be mirrored or cast.

⑥ If you turn off the screen of your mobile device, the projection screen will go off too.

AUDIO OUTPUT VIA BT CONNECTION

Except for the 3.5mm audio jack on the projector, you can also connect BT speakers or wireless headphones to this projector via BT wireless connection to achieve audio output.

Step 1:

Turn on your BT device and make it ready for a BT connection.

Step 2:

Go to **Homepage > Setup > Bluetooth** and press **OK** to enter the interface below.

EN

Step 3:

Press the **Left/Right** button to turn on the BT function of the projector, then select **Search device** and press **OK** to start searching for available BT devices.

Step 4:

Select your BT device and pair it with the projector.

IMPORTANT:

① Even paired with the wired connection to a speaker, BT wireless connection takes more time to process digital audio data, convert said data to an audio signal, and stream the signal. There may be a delay or slight lag on audio due to signal interference.

As a result, the sound on the speaker may not be in sync with the image on the projector, especially when you are using wireless screen mirroring with WIFI and BT wireless connection at the same time.

If you are experiencing this situation, please check the following options to improve audio quality:

* Instead of using wireless screen mirroring with WIFI and BT wireless connection at the same time, we recommend using wired screen mirroring and BT connection or using HD connection via the provided HD cable and BT connection simultaneously. If you still want to use wireless screen mirroring, it is recommended to output the audio via a wired speaker.
* Move your BT device closer to the projector.
* Keep the projector and your BT device away from other BT devices to avoid interference.
* You may be able to adjust the latency (Lip Sync) on your device which is playing the video. The way to adjust the latency varies with different devices; please consult it from the device manufacturer.

② You cannot use this projector as a BT speaker or pair your mobile device with this projector because it can only send the signal to an external BT device, but cannot receive the signal from an external BT device.

EN

① Due to the compatibility issue between BT speakers/headphones and the projector, the BT devices may not be paired with the projector via BT wireless connection. Please contact us at contact@projectorcs.com for further assistance.

SETTINGS

1. Press the **Menu** button on any interface to check the **PICTURE**, **SOUND** and **OPTION** settings.

Tips:

① After you select **User** in the option of **Picture Mode**, you can change the settings of the **Contrast**, **Brightness**, **Color**, **Tint** and **Sharpness** to adjust the image quality.

② If you select **User** in the option of **SOUND**, you could change the settings of the **Treble** and **Bass** to adjust the sound effect.

③ When you are using the **USB connection** or **HD connection** on the projector, the option of **Aspect Ratio** will be activated. You can then adjust the aspect ratio of the projection image.

EN

SPECIFICATION

Display Technology	LCD	Light Source	LED
Audio Output	3.5mm Audio Jack/ BT Connection	Input Signal	576i/720P/1080i/1080P
Installation Type	Front/Rear/Ceiling	Aspect Ratio	4:3/16:9
Focus	Manual	Keystone	±15°
Speaker	5W/4ohm	Power Supply	AC 100-240V, 50/60Hz
Unit Dimension	200 x 154 x 94 mm (7.9 x 6.1 x 3.3 inches)	Unit Net Weight	0.95kg(2.09lb)
Photo Format Supported	BMP/JPEG/PNG	Audio Format Supported	MP3/WMA/AAC/FLAC/WAV
Video Format Supported	AVI/MP4/MKV/FLV/ MOV/RMVB/3GP/ MPG/RM	Ports	HD In x 1/USB x 1/ Audio Out x 1/AV In x 1/ VGA x 1/Memory Card Slot x 1
Mounting Screw	M6 Metric	Screw Number	Not included

EN

FCC Statement

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

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.This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISEDC Warning

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

EN

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage; et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance.The minimum distance from body to use the device is 20cm.

Le présent appareil est conforme.

Après exposition de un établissement aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.