



PORTRONICS

BEEM 450

SMART LED PROJECTOR

User Manual

INTRODUCTION

Thank you for choosing the Beem 450 Smart LED Projector. This manual will guide you through the setup, operation, and maintenance of your projector to ensure optimal performance and longevity. Please read the instructions carefully before using the device.

QUICK SAFETY GUIDELINES

1. Do not expose the device to rain, moisture, or liquids (e.g., vases).

2. Avoid placing the device on soft surfaces like carpets or tablecloths.

3. Keep away from dusty areas or devices with strong magnetic fields.

4. Ensure ventilation holes are not blocked.

5. Use the device in an open space – avoid confined or enclosed areas.

6. Keep away from direct sunlight, heat sources, and moisture.

7. If the device becomes hot, turn it off and let it cool down before use.

8. Handle with care; avoid touching the lens or allowing children to use unsupervised.

9. Only use manufacturer-approved accessories and attachments.

10. Do not expose the device to vibrations, as this may compromise internal components. (Such as : mobiles on vibration mode)

PACKAGE LIST

Projector × 1

Remote Control × 1
(Batteries are not included)

Adapter × 1

HDMI Cable × 1

Projector User Manual × 1

Clean Tool × 1

OVER VIEW

On / Off

IR receiver

3.5mm Stereo Jack

USB Input

HDMI Input

IR receiver

Power Socket

HELPFUL TIPS

1. Blurry Image

If the projected image appears blurry:

- Go to Settings > Projection Settings > Auto Four Keystone Correction and enable it.
- Alternatively, use Manual Keystone to fine-tune the image.
- Press the Focus button on the remote control to achieve optimal image clarity.

2. Mounting Hole

This projector features a single mounting hole with a dual-use design. It is compatible with:

- Standard camera tripods
- 1/4 inch screw projector tripod stands

REMOTE CONTROL SAFETY & USAGE INSTRUCTIONS

Power Switch

Focus

OK

Left

Menu

Return

Volume -

Mute

Switch to mouse control

Up

Right

Down

Home

Volume +

GETTING STARTED

Plug the power cable to the projector.
Press power button to turn on the projector.

Use the manual focus by pressing the "Focus" button on the remote control.

Tips:
Make sure the projector is horizontal to the projector screen.

CLEANING METHOD

1. Get the screwdriver ready, unscrew the screws.

2. Clean the projector by the cotton swab.

3. Reinstall the bottom cover after cleaning.

Homepage Status Bar Icon

Clear memory shortcut. When the system is stuck or too many applications are opened, click this icon, the background can be cleared.

Wallpaper shortcut. Support to change the background picture.

Bluetooth shortcut. Turn to Bluetooth settings.

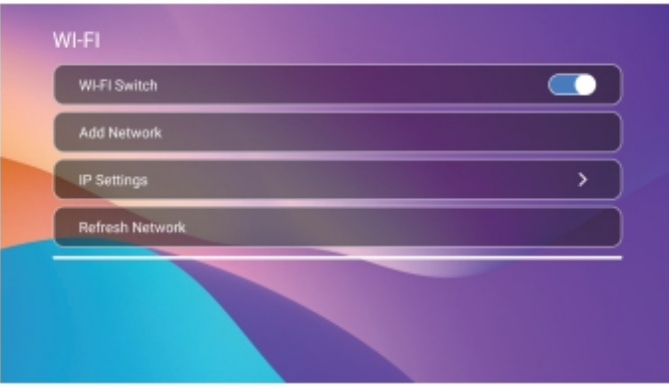
Network shortcut. Turn to network settings.

FILE MANAGEMENT

To access files from a USB drive, insert the U disk (USB drive) into the device and tap the File Manager icon on the homepage. Once opened, you can browse, view, and manage various file types such as videos, audio files, images, documents, and more.

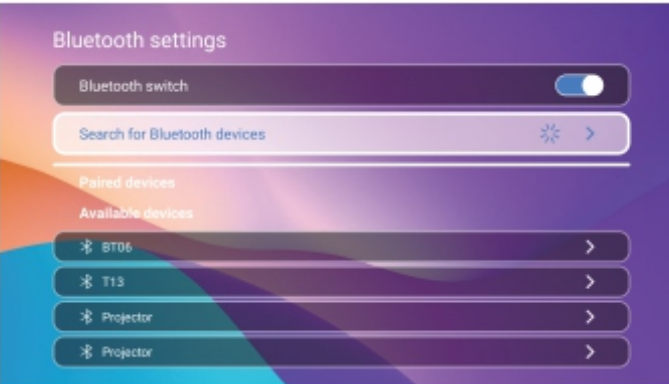
NETWORK SETTING (Wi-Fi)

To connect the device to a Wi-Fi network, go to Settings, then select Network Settings and turn on the Wi-Fi Switch. A list of available networks will appear—choose your preferred network and enter the password to establish the connection.



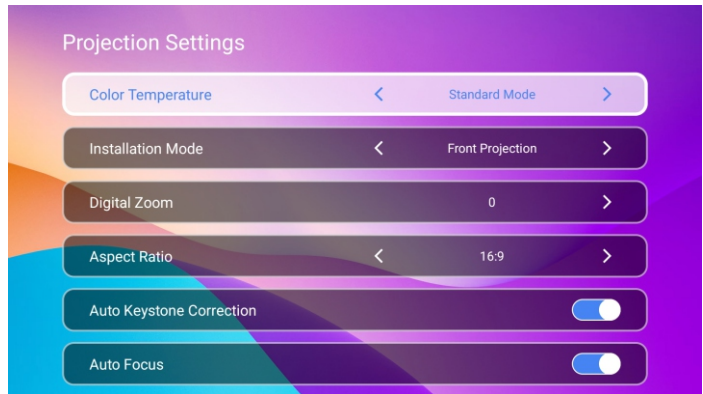
Bluetooth Setting

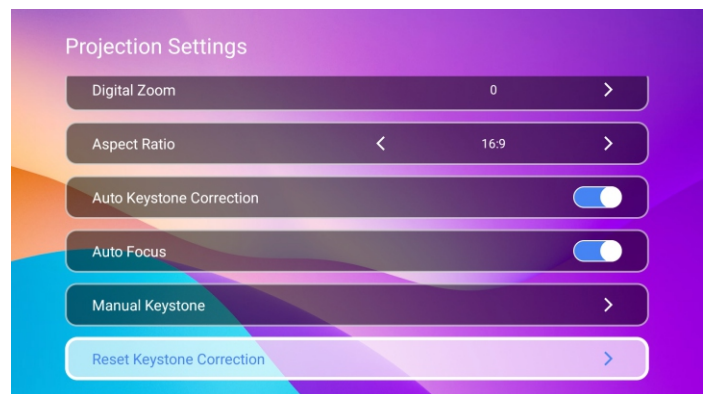
Settings - Bluetooth- Bluetooth Settings > Turn on Bluetooth Switch. Click Search for Bluetooth devices and pair the device that you want to connect to.



PROJECTION SETTINGS

To adjust your viewing experience, go to Settings > Projection Settings. From here, you can configure various options including display settings, installation mode, device mode, digital zoom, screen zoom, auto focus, auto four-corner correction, screen recognition, intelligent obstacle avoidance, manual keystone correction, and keystone reset.





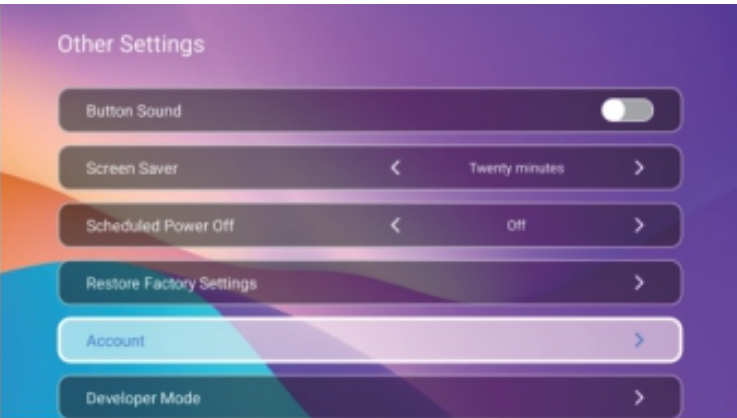
LANGUAGE AND KEYBOARD

Settings - Language and Keyboard> Support to change language and input keyboard.



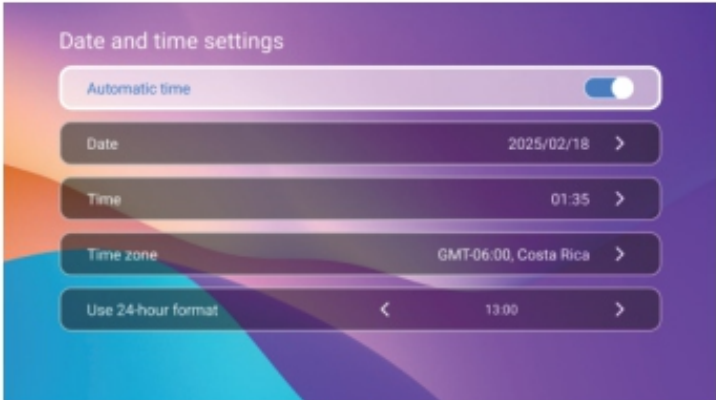
OTHER SETTINGS

Settings - Other Settings > Set the external input at boot, button sound, screen saver, scheduled power off, restore factory settings, account settings.



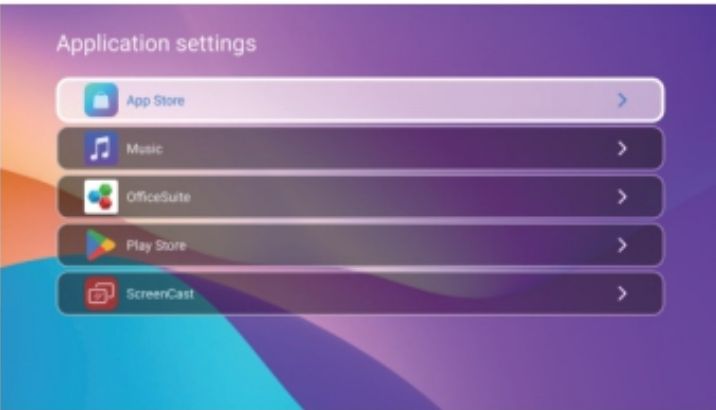
DATE AND TIME SETTINGS

Settings - Date and time settings > Set the date, time, time zone, hour format.



APPLICATION SETTINGS

Settings - Application Settings > Check the app information and clear the app data.



ANDROID WIRELESS MIRRORING

To mirror your Android phone wirelessly, open the Transcreen app on your mobile device and ensure that both the phone and the projector are connected to the same Wi-Fi network. Then, search for the projector's device name on your phone, tap it, and select Connect to start screen sharing.

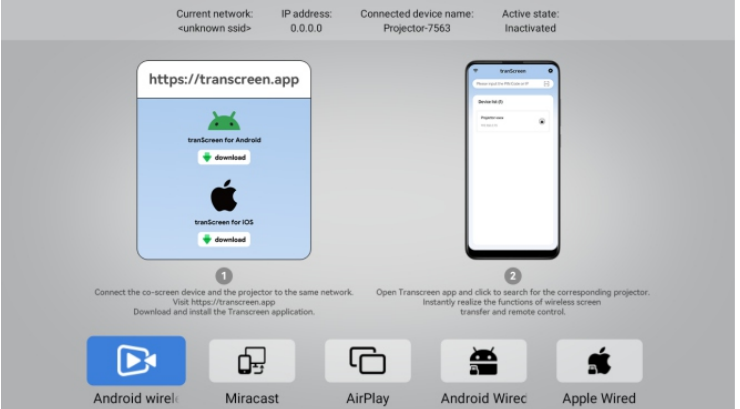
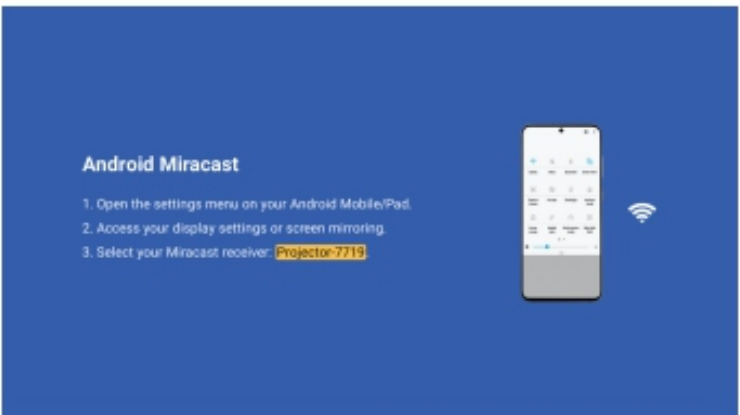


Follow the tips on the screen, go to <https://transcreen.app> and download transcreen app.



MIRACAST MIRRORING

To use Miracast mirroring, tap "START" on the projector screen to enter the Miracast interface. Ensure that both your mobile phone and the projector are connected to the same Wi-Fi network. Follow the on-screen instructions and use your phone's screen mirroring function to search for and connect to the projector.



ANDROID WIRED MIRRORING

To mirror your Android phone via USB, connect it to the projector's USB port using a USB cable. On first connection, your phone will prompt you to download the required mirroring app. Once installed, allow screen mirroring when prompted through the pop-up window, and your screen will begin sharing automatically.



Scan the QR code or download the APP from the URL.
<https://transcreen.app/linesdisplay>



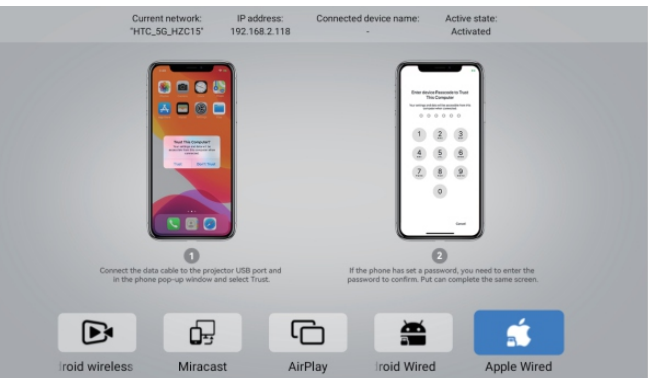
AIRPLAY MIRRORING

Make sure the mobile phone and projector connect to the same network. Click "Screen Mirroring" on your phone. Find the projector device name and share screen.



AIRPLAY MIRRORING

Connect the iOS mobile phone to USB port of projector by USB cable. After connection, input the passwords then share screen.



FCC STATEMENT:

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 noise 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.

FCC Radiation Exposure Statement:
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.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

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

The digital apparatus complies with Canadian ICES-3 (B/NB-318).

French: Cet appareil contient des émetteurs/cepteurs exempts de licence qui sont conformes aux RSS exemptées de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

(1) Cet appareil ne doit pas provoquer d'interférences.

(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

L'appareil numérique du clem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 6.6 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 6.6 du crr - 102 et conformité avec les 102 de l'exposition aux r, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux : change if e la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. Cet Equipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. Cet Equipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

www.portronics.com

For Support

Visit : www.portronics.com

E-mail : help@portronics.com

Contact No. : +91 9555245245

(Working Hours: Monday - Saturday, 10:00am - 6:00pm)

CE

RoHS

WEEE

Recycling

E-Waste Management

E-info@3recycler.com

For E-Waste & RoHS compliance

refer to www.portronics.com/ewaste