

BORSSO BS50 AIR

BORSSO BS50 AIR (GTV) Projector User Manual

Model: BS50 AIR (GTV)

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation of your BORSSO BS50 AIR (GTV) Certified Android 14 Projector. Please read this manual thoroughly before using the product and retain it for future reference. This projector features a dual Android system, including an officially licensed GTV for streaming, native 1080p resolution with 4K HDR support, 2400 ANSI lumens brightness, and automatic projection adjustments.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Operating System:** Dual Android System (Open Source & Officially Licensed GTV with Android 14)
- **Display Resolution:** Native 1080p, supports 4K HDR10
- **Brightness:** 2400 ANSI Lumens
- **Contrast Ratio:** 50000:1 Dynamic Contrast Ratio
- **Automatic Features:** AI-based Smart Algorithm 3.0 for Auto Focus, Auto Keystone, Obstacle Avoidance, and Tilt correction.
- **Connectivity:** Dual-band Wi-Fi (2.4 GHz + 5 GHz), Wi-Fi 6, Bluetooth 5.2, HDMI ARC, USB 2.0, 3.5mm Audio Out.
- **Audio:** Built-in 24W Hi-Fi enclosed cavity speaker with V Dimension Stereo throw, Dolby Audio support for internal GTV source.
- **Engine Technology:** Closed Optomechanics Electro-thermal Cooling Engine for reduced dust and efficient cooling.
- **Lamp Life:** 50,000 Hours.
- **Projection Size:** 50 to 300 inches (recommended 100 inches from 9 feet distance).

2.2 Product Components

The BORSSO BS50 AIR (GTV) projector package includes the following items:

- BORSSO BS50 AIR (GTV) Projector

- Remote Control
- HDMI Cable
- Power Cord
- Warranty Registration Card

2.3 Projector Views



Figure 1: Front View. This image displays the front of the BORSSO BS50 AIR (GTV) projector, highlighting the central projection lens and the ventilation grilles on either side.

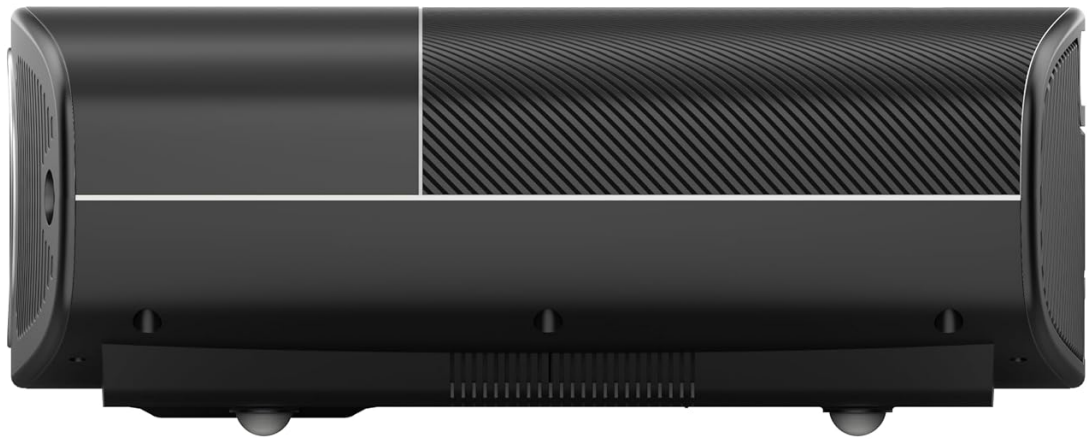


Figure 2: Side View. This image shows the side profile of the BORSSO BS50 AIR (GTV) projector, emphasizing its compact and modern design.



Figure 3: Rear View. This image illustrates the rear panel of the BORSSO BS50 AIR (GTV) projector, detailing the various input and output ports such as USB, HDMI, and the AC power inlet.

3. SETUP

3.1 Placement

Position the projector on a stable, flat surface or mount it to the ceiling. Ensure there is adequate ventilation around the unit. For a 100-inch screen, place the projector approximately 9 feet (2.7 meters) from the projection surface. The projector supports screen sizes from 50 to 300 inches.

3.2 Power Connection

1. Connect the provided power cord to the AC 100V-240V input port on the rear of the projector.
2. Plug the other end of the power cord into a suitable electrical outlet.
3. Press the power button on the projector or the remote control to turn on the device.

3.3 Initial Projection and Automatic Adjustments

Upon powering on, the BORSSO BS50 AIR (GTV) projector will automatically perform several adjustments:

- **Auto Focus:** The projector will automatically adjust the lens for a clear image.
- **Auto Keystone Correction:** The image will be automatically squared to compensate for angled projection.
- **Obstacle Avoidance:** The projector will detect and adjust the image to avoid obstacles on the projection surface.
- **Tilt Correction:** Minor tilt adjustments will be made automatically.

Allow a few moments for these automatic processes to complete before making any manual adjustments.

3.4 Network Connection (Wi-Fi)

1. From the main menu, navigate to **Settings**.
2. Select **Network & Internet**.
3. Turn on **Wi-Fi** and select your desired network from the list.
4. Enter the Wi-Fi password if prompted. The projector supports Wi-Fi 6 and dual-band (2.4 GHz + 5 GHz) connectivity.

3.5 Connecting External Devices

The projector offers various connectivity options:

- **HDMI:** Connect laptops, gaming consoles, or media players using the provided HDMI cable to the HDMI port. The HDMI port supports ARC (Audio Return Channel) for compatible audio systems.
- **USB:** Insert USB drives into the USB 2.0 port to play media files.
- **Bluetooth:** Pair Bluetooth speakers or headphones via the Bluetooth 5.2 settings for wireless audio.
- **3.5mm Audio Out:** Connect external wired speakers or headphones using a 3.5mm audio cable.

4. OPERATING INSTRUCTIONS

4.1 Navigating the GTV Interface

The BORSSO BS50 AIR (GTV) runs on an officially licensed Google TV (GTV) interface, providing access to a wide range of streaming applications. Use the remote control to navigate:

- Use the **directional pad** to move between menu items.
- Press the **OK/Select button** to confirm a selection.
- Press the **Back button** to return to the previous screen.
- Press the **Home button** to go to the main GTV home screen.
- Dedicated buttons for popular streaming apps (e.g., Netflix, YouTube) provide one-click access.

4.2 Using Streaming Applications

The built-in GTV system supports 4K HDR10 content from applications like Netflix, Disney+, YouTube, and Prime Video. Ensure you are logged into your respective accounts to access content.

4.3 Picture and Sound Settings

Access the projector's settings menu to customize picture and sound:

- **Picture Settings:** Adjust brightness, contrast, color, and sharpness. While the projector features automatic adjustments, manual fine-tuning is available.
- **Sound Settings:** Control volume, select audio output (internal speaker, HDMI ARC, Bluetooth, 3.5mm), and enable Dolby Audio for internal GTV sources.
- **Fan Speed Control:** The projector offers an option to control fan speed, accessible through the settings menu, to balance cooling performance and noise levels.

5. MAINTENANCE

5.1 Cleaning the Projector

- **Exterior:** Use a soft, dry cloth to wipe the exterior of the projector. Do not use abrasive cleaners or solvents.
- **Lens:** Gently clean the projector lens with a lens cleaning cloth or specialized lens cleaning solution. Avoid touching the lens directly with your fingers.
- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to maintain proper airflow. The Closed Optomechanics Electro-thermal Cooling Engine significantly reduces dust accumulation (by 99% compared to regular engines).

5.2 Lamp Life

The Mini LED lamp in your BORSSO BS50 AIR (GTV) projector has an estimated operating life of 50,000 hours. This long lifespan minimizes the need for lamp replacement under normal usage conditions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power not connected, input source incorrect, lens cap on.	Check power connection. Select correct input source (HDMI, USB, GTV). Ensure lens cap is removed.
Image is blurry	Focus issue, projector moved.	Allow the projector to perform Auto Focus. If needed, manually adjust focus via settings.
Image is distorted (trapezoid shape)	Projector not perpendicular to screen.	Allow the projector to perform Auto Keystone Correction. If needed, manually adjust keystone via settings.
No sound	Volume too low, incorrect audio output selected, external device muted.	Increase volume. Check audio output settings. Ensure connected device is not muted.
Wi-Fi connection issues	Incorrect password, out of range, router issue.	Re-enter Wi-Fi password. Move projector closer to router. Restart router.
Remote control not working	Batteries low, obstruction, pairing issue.	Replace batteries. Ensure no obstructions between remote and projector. Re-pair Bluetooth remote if applicable.

7. SPECIFICATIONS

Feature	Detail
Brand	BORSSO
Model Name	BS50 AIR (GTV)
Operating System	Certified Android 14 (GTV)
Display Resolution	Native 1920 x 1080 (Full HD), Max 3840 x 2160 Pixels (4K Support)
Brightness	2400 ANSI Lumens
Contrast Ratio	50000:1 Dyne-cm

Feature	Detail
Connectivity Technology	Bluetooth 5.2, HDMI (ARC), USB 2.0, Dual-band Wi-Fi (2.4Ghz + 5Ghz), Wi-Fi 6
Light Source Operating Life	50,000 Hours
Maximum Image Size	300 Inches
Minimum Image Size	50 Inches
Throw Ratio	1:10 (Short Throw)
Built-in Speaker	24W Hi-Fi enclosed cavity speaker with V Dimension Stereo throw
Automatic Features	Auto Focus, Auto Keystone, Obstacle Avoidance, Tilt
Engine Type	Closed Optomechanics Electro-thermal Cooling Engine
Dimensions (L x W x H)	30L x 26W x 14H Centimeters
Weight	2000 Grams
Power Consumption	210 Watts

8. WARRANTY AND SUPPORT

8.1 Warranty Information

BORSSO provides a **1-year comprehensive off-site warranty** on the projector and a **2-year warranty** on the lamp from the date of purchase. To avail warranty benefits, it is mandatory to register your product's warranty within 10 days from the date of delivery. For detailed warranty terms and conditions, please visit the official BORSSO website.

8.2 Customer Support

For any technical assistance, troubleshooting, or warranty claims, please contact BORSSO customer support:

- **Manufacturer/Importer:** KHM E-Shop, Jaipur
- **Website:** www.borssso.in
- **Phone:** +91-8955589977