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› BenQ X3100i True 4K Gaming Projector User Manual

BenQ X3100i

BenQ X3100i True 4K Gaming Projector User Manual

Model: X3100i | Brand: BenQ

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your BenQ X3100i True 4K Gaming Projector. The X3100i is designed to deliver an immersive gaming and entertainment experience with its 4K UHD resolution, 4LED light source, high brightness, and integrated Android TV. Please read this manual thoroughly before operating the projector and retain it for future reference.



Figure 1.1: BenQ X3100i True 4K Gaming Projector

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- BenQ X3100i Projector
- Power Cord
- Remote Control
- User Manual (this document)

3. SETUP

3.1. Placement and Screen Adjustment

Optimal projector placement is crucial for the best viewing experience. Consider the throw distance and screen size. The X3100i features a 1.3x zoom and 40-60% vertical lens shift for flexible installation.

4.16ms Lowest Input Lag



Figure 3.1: Flexible Placement Options

For example, to achieve a 100-inch screen, the projector should be placed approximately 8.4 to 10.9 feet (2.5-3.3 meters) from the screen. For a 150-inch screen, the distance is approximately 12.5 to 16.3 feet (3.8-5.0 meters).



Figure 3.2: Throw Distance and Screen Size

3.2. Connecting Devices

The BenQ X3100i offers versatile connectivity options. Connect your gaming consoles, streaming devices, or Blu-ray players using the HDMI ports. The projector includes dual HDMI 2.0b universal connectivity.



Figure 3.3: Rear Connectivity Ports

- **HDMI 1 (eARC):** Connect to gaming consoles (PS5/PS4, Xbox Series X, Switch), Blu-ray players, or streaming devices. Supports enhanced Audio Return Channel for high-quality audio output to compatible sound systems.
- **HDMI 2:** Additional HDMI input for other devices.
- **USB Type-A:** For media playback or firmware updates.
- **Audio Out (3.5mm):** Connect to external speakers or headphones.
- **S/PDIF:** Digital audio output for compatible sound systems.

3.3. Powering On

1. Connect the power cord to the projector and a power outlet.
2. Press the Power button on the projector or the remote control.
3. Allow a few moments for the projector to start up and display the Android TV home screen.

4. OPERATING THE PROJECTOR

4.1. Basic Controls

The projector can be controlled using the included remote control or the buttons located on the top panel of the unit. The remote provides full functionality for navigating menus, adjusting settings, and controlling Android TV.

4.2. Android TV Interface

The BenQ X3100i comes with Google-Certified Android TV built-in, providing access to a wide range of streaming apps, games, and content. You can effortlessly cast from iPhone/iPad/Mac, Android, and PC devices using AirPlay and Chromecast.



Figure 4.1: Android TV Home Screen

4.3. Gaming Features

The X3100i is optimized for gaming, offering features to enhance your experience:

- **Low Input Lag:** Experience gaming with minimal latency, as quick as 4.16ms at 1080p@240Hz.



Figure 4.2: Low Input Lag Performance

- **Game Modes:** Dedicated game modes (e.g., RPG, SPG, FPS, RCG) automatically optimize settings for different game genres.
- **SettingXchange:** This feature allows you to easily discover, import, or share elite game settings, optimizing your visual experience for specific titles.

Exchange Gaming World Colors

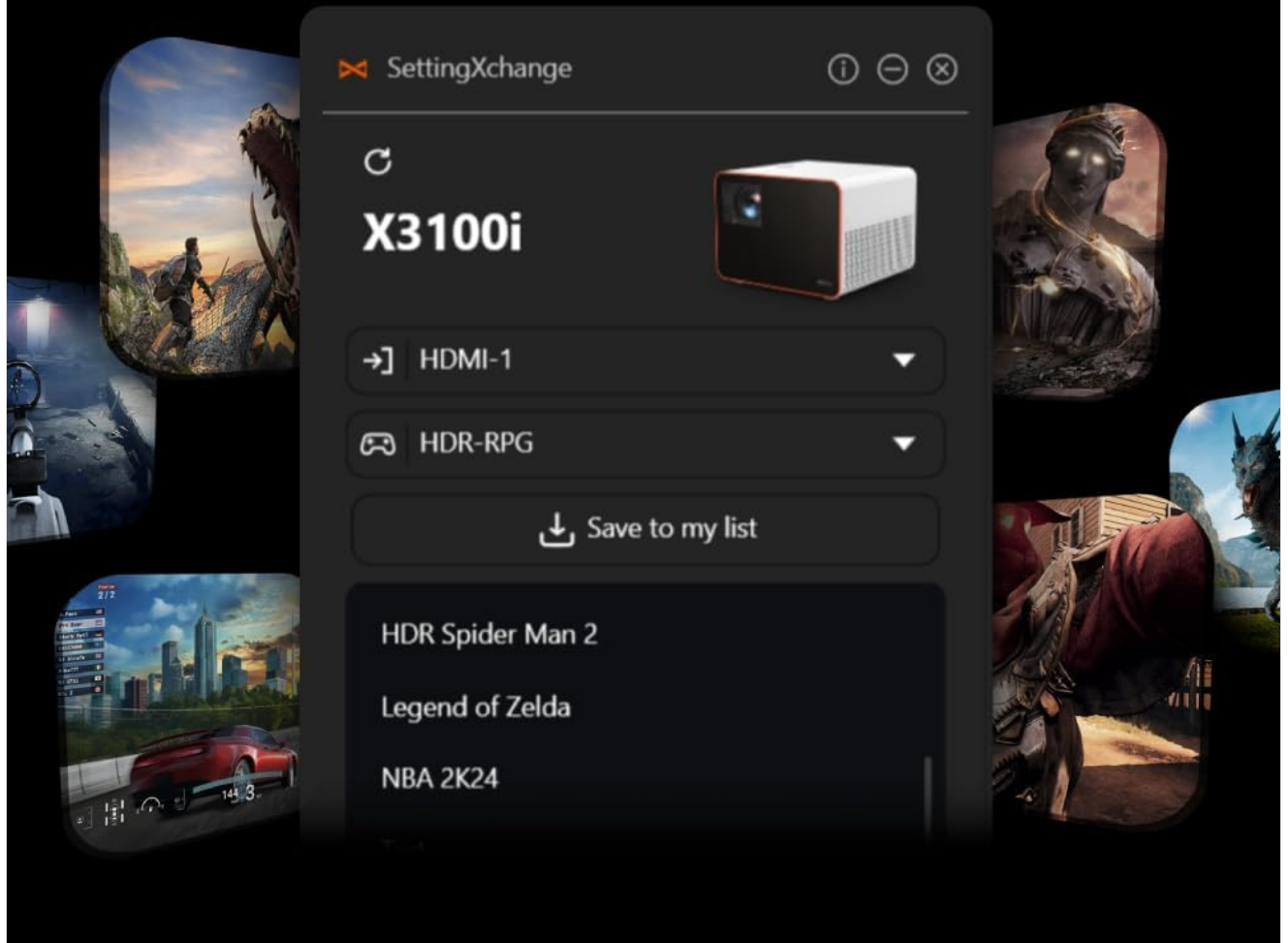


Figure 4.3: SettingXchange Interface

- **FPS Crosshair:** Projects a targeting reticle onto the screen for enhanced precision in first-person shooter games.

4.4. Audio Experience

The X3100i features a 10W TreVolo built-in speaker system with Dolby Atmos output support, providing immersive audio. For external audio systems, utilize the eARC (enhanced Audio Return Channel) HDMI port or the S/PDIF output.

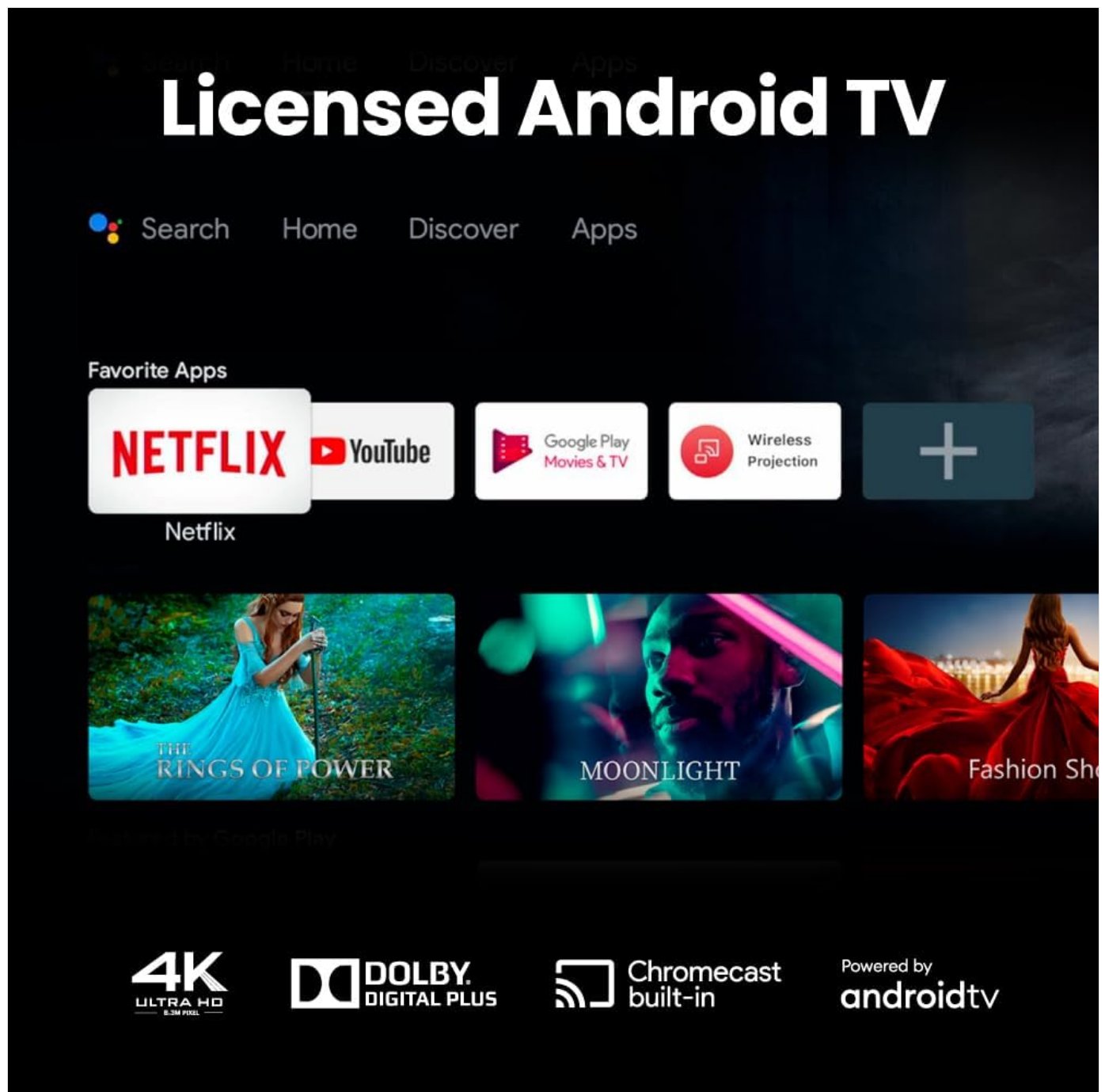


Figure 4.4: Immersive Spatial Audio

5. MAINTENANCE

5.1. Cleaning

- **Projector Casing:** Use a soft, lint-free cloth slightly dampened with water to clean the exterior. Avoid abrasive cleaners or solvents.
- **Lens:** Use a professional lens cleaning kit or a soft, dry microfiber cloth specifically designed for optical lenses. Do not touch the lens with your fingers.
- **Air Vents:** Regularly check and clean the air vents to ensure proper airflow and prevent overheating. Use a soft brush or compressed air.

5.2. Light Source Life

The BenQ X3100i utilizes a 4LED light source, which offers a long operational life of up to 30,000 hours in Eco mode, significantly reducing the need for lamp replacement compared to traditional lamp-based projectors.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your BenQ X3100i projector.

- **No Image Displayed:**
 - Ensure the power cord is securely connected and the projector is powered on.
 - Verify that the input source (HDMI 1, HDMI 2) is correctly selected on the projector and matches your connected device.
 - Check the HDMI cable connection between the projector and the source device. Try a different cable if necessary.
 - Ensure the source device (console, PC) is powered on and outputting a signal.
- **No Sound:**
 - Check the volume level on the projector and the source device.
 - If using external speakers, ensure they are properly connected and powered on.
 - If using eARC, ensure your sound system is compatible and correctly configured.
 - Verify that the audio output settings on your source device are correct.
- **Remote Control Not Responding:**
 - Ensure there are no obstructions between the remote and the projector's IR receiver.
 - Replace the batteries in the remote control.
- **Image is Blurry or Distorted:**
 - Adjust the focus ring on the projector lens until the image is sharp.
 - Use the keystone correction feature to square the image if the projector is not perfectly perpendicular to the screen.
 - Ensure the projector is placed within the recommended throw distance for your screen size.

If the issue persists after trying these steps, please refer to the BenQ support website or contact customer service for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model Number	X3100i
Display Resolution	3840 x 2160 (4K UHD)
Brightness	3300 ANSI Lumens

Light Source	4LED
Light Source Life	Up to 30,000 hours (Eco mode)
Input Lag	4.16ms (1080p@240Hz)
Operating System	Google-Certified Android TV
Built-in Speaker	10W TreVolo with Dolby Atmos Output
Connectivity Technology	HDMI (x2, one with eARC), USB Type-A, Audio Out (3.5mm), S/PDIF
Lens Shift	Vertical 40-60%
Zoom Ratio	1.3x
Product Dimensions	15.7 x 15.3 x 13.3 inches
Item Weight	19.01 pounds

8. WARRANTY AND SUPPORT

BenQ provides a limited warranty for the X3100i projector. Please refer to the warranty card included with your product or visit the official BenQ website for detailed warranty terms and conditions specific to your region.

For technical support, troubleshooting assistance, or service inquiries, please visit the BenQ support website or contact their customer service department. Contact information can typically be found on the BenQ website under the 'Support' or 'Contact Us' sections.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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