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X Electron XE-2160

XElectron iProjector 2 Plus Smart Projector User Manual

Model: XE-2160

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1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your XElectron iProjector 2 Plus Smart Projector. Please read this manual thoroughly before using the projector and retain it for future reference.

The XElectron iProjector 2 Plus is designed to deliver a high-quality visual experience with features such as Native 1080P resolution, 4K HDR support, auto-focus, auto-keystone correction, dual-band Wi-Fi, and Bluetooth 5.1 connectivity.

2. SAFETY INFORMATION

WARNING: To prevent fire or electric shock, do not expose this appliance to rain or moisture.

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the projector during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- Keep the projector away from water, moisture, and heat sources.

3. PACKAGE CONTENTS

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

- XElectron iProjector 2 Plus Smart Projector
- Power Cord
- HDMI Cable
- Remote Control
- User Manual
- Warranty Card

4. PRODUCT OVERVIEW

Familiarize yourself with the projector's components and interfaces.



Figure 4.1: Front view of the XElectron iProjector 2 Plus, showing the lens and ventilation grilles.

4.1 Front Panel

- **Projection Lens:** Emits the image.
- **Auto-Focus Sensor:** Detects distance for automatic focus adjustment.

4.2 Rear Panel

The rear panel typically houses various input/output ports.

Supports connecting multiple devices



Figure 4.2: Rear view illustrating various connectivity options including HDMI, USB, and audio ports.

- **HDMI Ports (x2):** Connect to HDMI-enabled devices such as laptops, gaming consoles, or streaming sticks. One port supports ARC.
- **USB Ports (x2):** Connect USB storage devices for media playback or power external devices.
- **AV In:** Connect to older analog video sources.
- **Audio Out (3.5mm Jack):** Connect external speakers or headphones.
- **Power Input:** Connect the power cord.

4.3 Top Panel

The top panel features touch controls for basic functions.



Figure 4.3: Top view showing touch controls for power, volume, and navigation.

- **Power Button:** Turns the projector on/off.
- **Navigation Buttons:** For menu navigation.
- **Volume Controls:** Adjust audio output.

5. SETUP

5.1 Placement

- Place the projector on a stable, flat surface.
- Ensure the projector is positioned perpendicular to the projection surface for optimal image geometry. The auto-keystone correction feature will adjust minor angles.
- Maintain adequate distance from the screen to achieve the desired screen size (up to 300 inches).
- Avoid placing the projector in direct sunlight or near heat sources.

5.2 Power Connection

1. Connect the power cord to the projector's power input port.
2. Plug the other end of the power cord into a wall outlet.
3. The power indicator light will illuminate.

5.3 Initial Power On and Focus

1. Press the power button on the projector or remote control to turn it on.
2. The projector will automatically perform auto-focus and auto-keystone correction. Allow a few moments for the image to stabilize and sharpen.
3. If manual adjustment is needed, use the focus and keystone correction options in the settings menu.

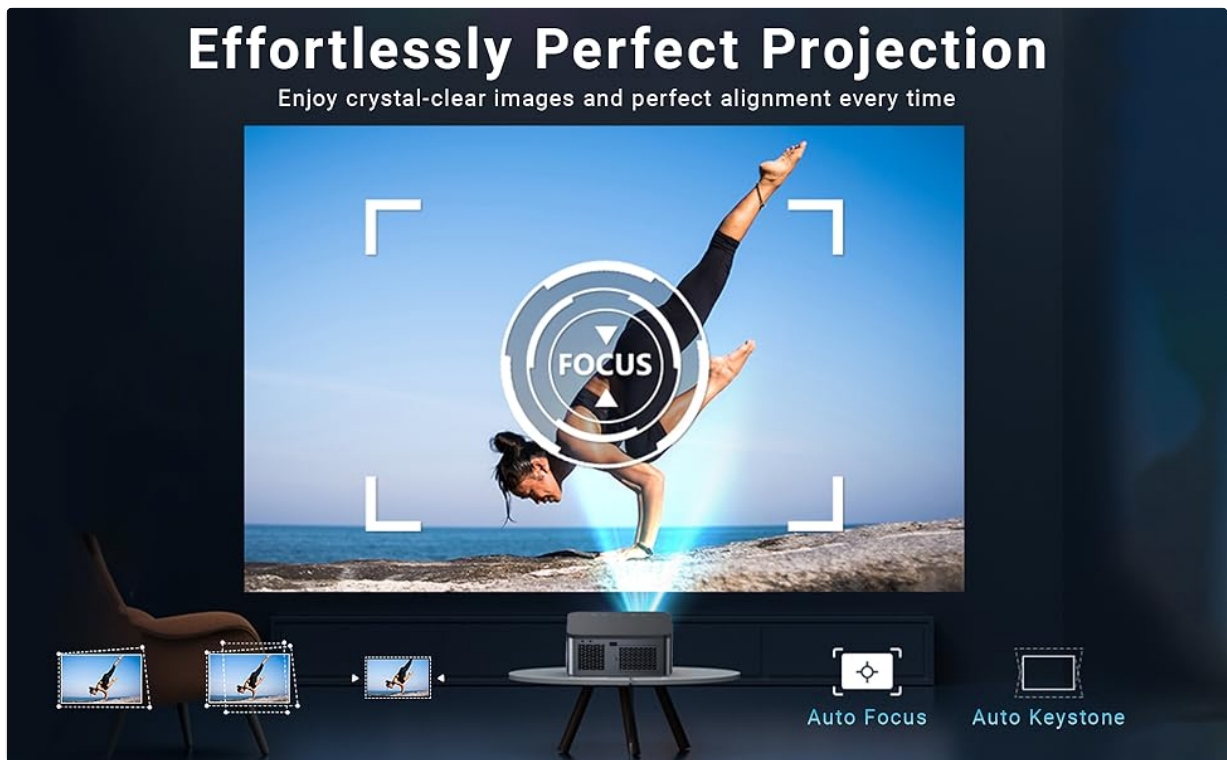


Figure 5.1: Illustration of the automatic focus and keystone correction features.

6. OPERATING INSTRUCTIONS

6.1 Navigating the Interface

- Use the arrow buttons on the remote control to navigate through menus and select options.
- The "OK" button confirms selections.
- The "Back" button returns to the previous screen.



Figure 6.1: The smart interface displaying various pre-installed and downloadable applications.

6.2 Wi-Fi Connection

1. Go to **Settings** > **Network** > **Wi-Fi Settings**.
2. Select your desired Wi-Fi network from the list.
3. Enter the password using the on-screen keyboard and select **Connect**.
4. The projector supports both 2.4GHz and 5GHz Wi-Fi bands for stable connectivity.



Figure 6.2: Visual representation of dual-band Wi-Fi technology, highlighting 5G for faster speeds.

6.3 Bluetooth Connection

The projector features two-way Bluetooth 5.1, allowing it to connect to external speakers or function as a Bluetooth speaker itself.

Two-way Bluetooth 5.1

1. Connect Bluetooth speakers
2. Use as Bluetooth speaker



Figure 6.3: Diagram illustrating the two-way Bluetooth functionality for connecting speakers or using the projector as a speaker.

1. Connecting to External Bluetooth Speakers:

- Enable Bluetooth on your external speaker and set it to pairing mode.
- On the projector, go to **Settings** > **Bluetooth**.
- Select your speaker from the list of available devices to pair.

2. Using Projector as a Bluetooth Speaker:

- Select the "Bluetooth Speaker Mode" option in the projector's Bluetooth settings.
- Enable Bluetooth on your smartphone or other device.
- Select "XElectron iProjector 2 Plus" from your device's Bluetooth list to connect.

6.4 Connecting External Devices (HDMI, USB, AV)

- **HDMI:** Connect your device (e.g., laptop, game console, streaming stick) to one of the HDMI ports. Select the corresponding HDMI input source from the projector's input menu.
- **USB:** Insert a USB flash drive or external hard drive into a USB port. The projector's media player will typically prompt you to browse content.
- **AV:** Connect older devices using an AV cable. Select the AV input source.

6.5 Screen Mirroring

The projector supports wireless screen mirroring (Airplay, Miracast) for iOS and Android devices.

1. Ensure your mobile device and the projector are connected to the same Wi-Fi network.
2. Select the "Screen Mirroring" or "Wireless Display" option on the projector's main interface.
3. On your mobile device, activate screen mirroring (e.g., "Screen Mirroring" on Android, "AirPlay" on iOS) and select the projector from the list of available devices.

7. MAINTENANCE

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or excessive force.
- **Dust Filter Cleaning:** The projector features a dust-proof engine. Periodically check and clean the removable dust filter at the back of the projector to ensure optimal performance and prevent overheating.
- **Exterior Cleaning:** Wipe the projector's exterior with a soft, dry cloth. Avoid using liquid cleaners directly on the surface.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, protected from dust and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed.	Power cord not connected. Projector not powered on. Incorrect input source selected. Source device not outputting signal.	Ensure power cord is securely connected. Press the power button. Select the correct HDMI/AV/USB input. Check the source device's output settings.
Blurred image.	Out of focus. Projector too close/far from screen.	Allow auto-focus to complete or adjust manually in settings. Adjust projector distance or use zoom function.
Image is trapezoidal.	Projector not perpendicular to screen.	Allow auto-keystone correction to complete or adjust manually in settings. Reposition the projector.
No sound.	Volume too low or muted. Incorrect audio output selected. External speakers not connected/paired.	Increase volume or unmute. Check audio settings and ensure correct output (internal speakers, HDMI ARC, Bluetooth). Ensure Bluetooth speakers are paired or wired speakers are connected correctly.

Problem	Possible Cause	Solution
Wi-Fi connection issues.	Incorrect password. Weak signal. Router issues.	Re-enter Wi-Fi password carefully. Move projector closer to the router or reduce interference. Restart your Wi-Fi router.

9. SPECIFICATIONS

Feature	Detail
Brand	X Electron
Model Number	XE-2160
Display Resolution	Native 1920 x 1080 (1080P), 4K Support
Brightness	20000 Lumens (1500 ANSI)
Contrast Ratio	10000:1 Dynamic
Screen Size	Up to 300 inches (762 cm)
Lamp Life	Up to 50,000 hours
Connectivity Technology	Wi-Fi 6 (Dual Band 2.4Ghz + 5Ghz), Bluetooth 5.1 (2-way), 2x HDMI (1x ARC), 2x USB, AV In, Audio Out (3.5mm Jack)
Special Features	Auto Focus, Auto Keystone, Auto Obstacle Avoidance, Auto Screen Alignment, Built-In Wi-Fi, Portable, Dolby Audio, DTS Decoding
Processor	A53 Quad Core CPU 64 Bit
Memory	2GB RAM + 32GB Internal Memory
Product Dimensions	9.45 x 1.97 x 4.72 inches
Item Weight	6.38 pounds
Color	Black

10. WARRANTY AND SUPPORT

XElectron provides dedicated customer care for technical and warranty issues. Please refer to the included Warranty Card for specific terms and conditions regarding your product's warranty period and coverage. For technical assistance, troubleshooting, or warranty claims, please contact XElectron customer support through the channels provided on the warranty card or the official XElectron website.

Note: Keep your purchase receipt as proof of purchase for warranty services.

