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Sainyer X7

Sainyer Mini Projector X7 User Manual

Model: X7

INTRODUCTION

Thank you for choosing the Sainyer Mini Projector X7. This compact yet powerful projector is designed to deliver exceptional brightness and clarity for a variety of uses, from home cinema to business presentations. Featuring native 1080P resolution, dual-band WiFi, Bluetooth 5.0, and flexible projection options, the X7 provides a versatile and immersive viewing experience.

This manual provides detailed instructions for setting up, operating, and maintaining your projector to ensure optimal performance and longevity.



The Sainyer Mini Projector X7, showcasing its compact design and a bright, colorful projection.

WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- Mini Projector (Sainyer X7)

- Remote Control
- User Manual (this document)
- Power Cable
- HDMI Cable



The Sainyer Mini Projector X7, the main unit of the package.

PRODUCT OVERVIEW

The Sainyer X7 Mini Projector is engineered for performance and user convenience. Key features include:

- **Native 1080P Resolution:** Delivers crisp, clear Full HD images.
- **20,000lm Brightness:** Ensures vivid and bright projections.
- **Dual-Band WiFi (2.4G + 5G):** Provides fast and stable wireless connectivity for seamless streaming.
- **Bluetooth 5.0:** For easy connection to external audio devices.
- **Electric Focus & Keystone Correction:** Effortless image adjustment via remote control.

- **50% Zoom Function:** Adjust screen size without moving the projector.
- **Built-in HiFi Speakers:** Offers immersive audio without external speakers.
- **Wide Compatibility:** Supports HDMI, AV, USB, and various wireless mirroring protocols (Miracast, iOS, DLNA, Airplay).
- **Ultra-Short Throw Capability:** Project large screens from a short distance (0.9m-5m for 33-300 inches).



Overview of the Sainyer X7 projector's key features and capabilities.

SETUP

1. **Placement:** Position the projector on a stable, flat surface. Ensure there are no obstructions to the lens or ventilation vents. For optimal viewing, project onto a smooth, light-colored wall or a projector screen. The projector supports ultra-short throw, allowing a 33-300 inch screen from 0.9m to 5m distance.
2. **Power Connection:** Connect the provided power cable to the projector's power input and then to a power outlet.
3. **Initial Power On:** Press the power button on the projector or the remote control to turn on the device.
4. **Focus Adjustment:** Use the electric focus buttons on the remote control (often marked F+ and F-) to sharpen the image until it is clear.
5. **Keystone Correction:** If the projected image appears trapezoidal, use the keystone correction settings (usually found in the projector's menu or via dedicated buttons on the remote) to adjust the image to a perfect rectangle. The X7 supports $\pm 60^\circ$ vertical keystone correction.
6. **Network Connection (WiFi):**
 - Navigate to the "Settings" menu on the projector's home screen.
 - Select "Network" or "WiFi Settings".
 - Choose your desired 2.4G or 5G WiFi network from the list and enter the password.
 - Confirm connection.

2024 LATEST ELECTRIC FOCUS

Much easier to adjust the focus via remote control



Adjusting the focus using the remote control for a sharp image.

Electric Keystone & Zoom

Wider adjustment range of keystone and zoom



100%-50% Zoom in/out



Adjust vertically $\pm 60^\circ$



OPERATING INSTRUCTIONS

Connecting Devices

The Sainyer X7 offers multiple ways to connect your devices:

- **HDMI:** Connect laptops, TV sticks, gaming consoles (PS4/PS5), or other HDMI-enabled devices using the provided HDMI cable. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB drive to play media files (photos, music, videos) directly from the drive. Select "Media" from the home screen and browse your files.
- **AV:** Use the AV port for older devices with composite video output.
- **Wireless Screen Mirroring (Miracast/Airplay/DLNA):**
 - Ensure your projector and mobile device (iOS/Android) are connected to the same WiFi network.
 - On the projector's home screen, select "Wireless Screen" or "Miracast/Airplay".
 - Follow the on-screen instructions to connect your smartphone or tablet. For iOS devices, use Airplay; for Android, use Miracast or similar screen mirroring features.
- **Wired Smartphone Connection:** Connect your iOS or Android smartphone directly via a USB cable for screen mirroring.
- **Bluetooth Audio:** Connect external Bluetooth speakers, headphones, or earbuds for enhanced audio.
 - Navigate to the "Bluetooth" option on the projector's home screen.
 - Enable Bluetooth on your external audio device and put it in pairing mode.
 - Select your device from the list on the projector screen to pair.

Multi-Connections Supported

Equipped with HDMI/AV/USB/Audio Port

HDMI

USB

AV

XBOX/PS4

TV stick

PC

Audio Devices

Headphones

Phone/Pads

DVD Players

USB Disks



Multiple connection options for versatile use.

Latest Bluetooth5.0

Compatible with Bluetooth Headphones, Earbuds, Speakers, etc.



Connecting to Bluetooth audio devices for an immersive sound experience.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Sainyer X7 projector:

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or cloths that could scratch the lens.
- **Cleaning the Vents:** Regularly check and clean the air vents to prevent dust buildup, which can lead to overheating. Use a soft brush or compressed air.
- **Storage:** When not in use, store the projector in a cool, dry place away from direct sunlight and extreme temperatures. Use the original packaging or a protective case if available.
- **Power Off Properly:** Always power off the projector using the designated power button and allow it to cool down before unplugging or moving.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------|--|---|
| No image or blurry image | Incorrect focus, wrong input source, lens cap on. | Adjust focus using the remote. Check input source (HDMI, USB, etc.). Remove lens cap. |
| No sound | Volume too low, incorrect audio output, external device muted. | Increase projector volume. Check Bluetooth connection or audio cable. Unmute external device. |
| Cannot connect to WiFi | Incorrect password, out of range, network issue. | Verify WiFi password. Move projector closer to router. Restart router and projector. |
| Remote control not working | Low batteries, IR sensor blocked. | Replace batteries. Ensure no obstructions between remote and projector's IR sensor. |
| Image is trapezoidal | Projector not perpendicular to screen. | Adjust keystone correction in settings or via remote. Reposition projector. |

SPECIFICATIONS

| | |
|--------------------------------|---|
| Brand | Sainyer |
| Model Number | X7 |
| Display Resolution | Native 1920 x 1080 (Full HD) |
| Brightness | 20,000lm |
| Connectivity Technology | Bluetooth 5.0, Wi-Fi (2.4G + 5G), USB, HDMI, 3.5mm Jack |
| Supported Resolution | Up to 4K |
| Projection Size | 33 - 300 inches |
| Projection Distance | 0.9m - 5m |
| Lamp Life | 50,000 hours |
| Item Weight | 3.45 pounds |
| Product Dimensions | 5.91 x 8.31 x 5.31 inches |
| Color | White |
| Country of Origin | China |

WARRANTY AND SUPPORT

Sainyer products are designed for reliability and performance. For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official Sainyer website. Keep your purchase receipt for warranty claims.

For common issues, please refer to the Troubleshooting section of this manual. If you require further assistance, do not hesitate to contact Sainyer customer service.