MINLOVE 108S

MINLOVE 108S 5G WiFi Bluetooth Projector User Manual

Model: 108S

1. PRODUCT OVERVIEW

The MINLOVE 108S is a high-definition projector designed for both home theater and business presentations. It features native 1080p resolution, 5G and 2.4G WiFi connectivity for seamless screen mirroring, and Bluetooth 5.0 for audio output. With a brightness of 9800 lumens and a 10000:1 contrast ratio, it delivers clear and vibrant images up to 450 inches. This package includes a 100-inch projector screen for immediate use.

Package Contents:

- MINLOVE 108S Projector x1
- HDMI Cable x1
- Remote Control x1 (Batteries not included)
- 3-in-1 AV Cable x1
- User Manual x1
- Power Cord x1
- 100-inch Projector Screen x1
- Lens Cap x1

Image 1.1: The MINLOVE 108S Projector, showcasing its compact design and the included 100-inch screen, along with icons representing various streaming services and connectivity options.

2. SETUP GUIDE

2.1 Placement

Position the projector on a stable, flat surface or mount it to the ceiling. Ensure there is adequate ventilation around the unit. The optimal projection distance will vary based on desired screen size, with a maximum display size of 450 inches.

2.2 Power Connection

1. Connect the power cord to the projector's power input.
2. Plug the other end of the power cord into a standard electrical outlet (240 Volts).

2.3 Initial Power On

Press the power button on the projector or the remote control to turn on the device. The indicator light will illuminate.

2.4 Focus and Keystone Adjustment

- **Focus:** Rotate the focus ring on the projector lens until the projected image appears sharp and clear.
- **Keystone Correction:** Use the manual keystone correction dial (typically ±15°) to adjust the image shape if it appears trapezoidal. This corrects for projection angles that are not perfectly perpendicular to the screen.

3. OPERATING INSTRUCTIONS

3.1 Connectivity Options

3.1.1 WiFi Connection (5G/2.4G) for Screen Mirroring

The projector supports dual-band 2.4G and 5G WiFi for wireless screen mirroring from iOS, Android, and Windows devices. Ensure both the projector and your device are connected to the same local WiFi network.

1. Navigate to the 'Screen Mirroring' or 'WiFi Display' option in the projector's menu.
2. Select your device's operating system (iOS/Android/Windows).
3. On your mobile device or computer, enable screen mirroring/casting and select the projector from the list of available devices.

Note: Wired screen mirroring is also supported for iOS devices using a USB cable or an HDMI conversion cable.

Image 3.1: Visual representation of 5G and 2.4G WiFi connectivity, demonstrating wireless screen mirroring from laptops, tablets, and smartphones to the projector.

3.1.2 Bluetooth 5.0 Connection

Connect the projector to external Bluetooth speakers, headphones, or other Bluetooth audio devices for an enhanced audio experience. Bluetooth connection is for audio output only.

1. Go to the 'Bluetooth Settings' in the projector's menu.
2. Enable Bluetooth and search for available devices.
3. Select your Bluetooth audio device from the list to pair.

Image 3.2: The MINLOVE projector highlighting its built-in HiFi stereo speakers and its ability to connect to external Bluetooth devices like headphones and speakers.

3.1.3 Wired Connections

The projector offers multiple wired input ports for various devices:

- **HDMI (x2):** Connect TV boxes, gaming consoles (PS5, Xbox), laptops, PCs, Blu-ray players.
- **USB (x1):** Play media directly from USB drives.
- **AV:** Connect older devices using the included 3-in-1 AV cable.
- **VGA:** Connect to computers.
- **Micro SD:** Play media from Micro SD cards.

Image 3.3: An illustration of the MINLOVE projector's universal connectivity, showing its compatibility with a wide range of devices through HDMI, USB, and other ports.

3.2 Input Source Selection

Use the 'Source' button on the remote control or the projector's control panel to cycle through available input sources (HDMI1, HDMI2, USB, AV, Screen Mirroring).

3.3 Menu Navigation

Use the arrow keys and 'OK' button on the remote control to navigate the projector's on-screen menu. Adjust settings such as picture mode, sound mode, aspect ratio, and network settings.
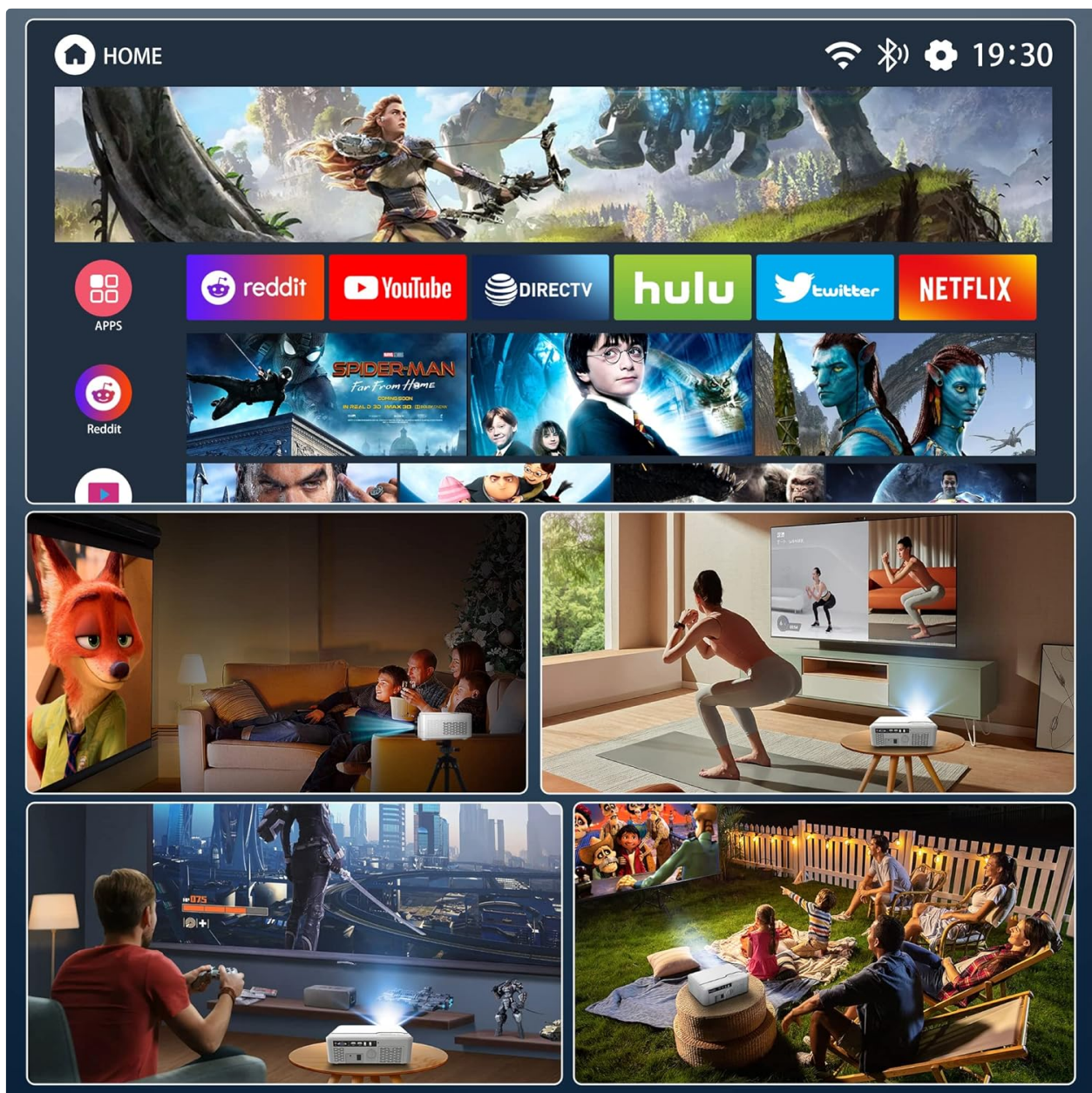
Image 3.4: The projector's home interface, showing various applications and examples of its use in different settings, such as watching movies, exercising, and outdoor entertainment.

4. Maintenance

4.1 Lens Cleaning

Gently clean the projector lens with a soft, lint-free cloth or a lens cleaning brush. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

4.2 Dust Filter Cleaning

Regularly check and clean the dust filter (if accessible) to ensure proper airflow and prevent overheating. Refer to the specific location of the filter in the product diagram if available.

4.3 Lamp Life

The LED light source in the MINLOVE 108S projector has an estimated lifespan of up to 60,000 hours, providing long-term performance without frequent lamp replacement.

4.4 Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the lens cap to protect the lens from dust and scratches.

5. Troubleshooting

- **No Power:** Ensure the power cord is securely connected to both the projector and the electrical outlet. Check if the outlet is functional.
- **No Image:**
  - Verify the correct input source is selected.
  - Check all connected cables (HDMI, AV, etc.) for secure connections.
  - Adjust the focus ring.
- **Poor Image Quality:**
  - Adjust the focus and keystone correction.
  - Ensure the projection surface is flat and clean.
  - Check the resolution settings on your source device.
  - If a browning or multicolored spot appears, this may indicate overheating. Turn off the unit to cool down or ensure adequate ventilation.
- **No Sound:**
  - Increase the volume on both the projector and the source device.
  - If using Bluetooth, ensure the device is properly paired and selected as the audio output. Note that Bluetooth audio may experience slight latency.
  - Check audio cable connections for wired setups.
- **Remote Control Not Working:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the projector's IR receiver.

6. Specifications

Feature	Specification
Model Number	108S
Standard Resolution	Native 1920 x 1080 Pixels
Brightness	9800 Lumens
Contrast Ratio	10000:1
Zoom Function	100% - 75%

Keystone Correction	±15° Manual
Maximum Screen Size	450 Inches
LED Life	60,000 hours
Wireless Function	5G/2.4G WiFi & Bluetooth 5.0
Aspect Ratio	4:3 / 16:9 / Auto
Compatibility	iOS, Android, PC, Xbox, PS4/PS5, TV Stick, HDMI, USB
Connectivity Type	Wi-Fi, HDMI (x2), USB (x1), AV, VGA, Micro SD
Product Dimensions	29.97 x 19.99 x 10.01 cm
Item Weight	3.68 Kilograms
Voltage	240 Volts
Wattage	50 watts

Image 6.1: Visual comparison illustrating the superior brightness, sharpness, and wider color gamut of the MINLOVE projector

compared to traditional models.

Image 6.2: The MINLOVE projector in a business environment, demonstrating its capability to project large, high-resolution displays for meetings and presentations.

7. WARRANTY AND SUPPORT

The MINLOVE 108S projector comes with a 1-year warranty. For any questions, technical assistance, or after-sales service, please contact MINLOVE customer support. Our customer service team is available 24/7 to provide satisfactory solutions.