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JOWLURK A8

JOWLURK Mini Projector A8 User Manual

MODEL: A8

Brand: JOWLURK

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your JOWLURK Mini Projector A8. This portable projector features native 1080P resolution with 4K support, 15000 lumens brightness, and a 15000:1 contrast ratio for a vivid viewing experience. It includes electric focus and keystone correction for easy image adjustment, dual-band 5G + 2.4G WiFi, and Bluetooth 5.3 for versatile connectivity. Its compact size makes it ideal for various environments, from home theaters to outdoor activities.

2. What's in the Box

- Projector x 1
- HDMI Cable x 1
- AV Cable x 1
- Power Cable x 1
- Remote Control x 1
- User Manual x 1
- Lens Cap x 1

3. Product Features

3.1 Electric Focus & Keystone Correction

The JOWLURK Mini Projector A8 features electric focusing technology, allowing you to adjust focus with the remote control's F+ or F- buttons for a clear image within 3 seconds. It also includes manual keystone correction to intelligently adjust for image slant caused by placement.



Image: The projector displaying a mountain scene, with a remote control in hand showing F+ and F- buttons for electric focus. Insets show 100% zoom, 50% zoom, and +/-15% keystone correction.

3.2 4K Supported & 15000 Lumens Brightness

Experience native 1080P resolution with support for 4K content and a high dynamic contrast ratio of 15000:1. The projector accurately reproduces every detail for a lifelike viewing experience. Diffuse reflection technology is incorporated to protect your eyes from fatigue.



Image: A split screen comparison. One side shows a vibrant, detailed owl image labeled 'JOWLURK Native 1080P, 15000Lumens, 4K Support'. The other side shows a less detailed, duller owl image labeled 'OTHER Native 720P, 10000Lumens, Not 4K Support'.

3.3 5G + 2.4G WiFi & Bluetooth 5.3 Connectivity

Equipped with dual-band 5G + 2.4G WiFi, the projector allows for wireless connection to iOS, Android, or Windows devices for screen mirroring. Bluetooth 5.3 technology enables fast and stable audio synchronization with your favorite Bluetooth headphones or external speakers.

Ultra-fast **5G+2.4 WiFi** Connection

Experience lightning-quick internet connection like never before



5G+2.4G/1500 Mbps



2.4G /575 Mbps



iOS



Android



Windows



Image: A gaming scene projected onto a wall from the JOWLURK Mini Projector. A smartphone in the foreground shows the same content, illustrating the 5G+2.4G WiFi connection. Icons for iOS, Android, and Windows compatibility are visible.

Bluetooth 5.3 Supported

Unrivaled sound transmission for an immersive auditory journey



Image: The JOWLURK Mini Projector on a platform, with a smart speaker, headphones, and earbuds nearby, all connected via Bluetooth 5.3, indicated by a blue wave graphic.

3.4 200" Big Screen & Wide Compatibility

Project images from 40 inches to 200 inches with a projection distance of 3.3 to 16.4 feet. The projector is equipped with HDMI, VGA, AV, and USB interfaces, ensuring compatibility with TV boxes, TV sticks, PCs, laptops, tablets, USB flash drives, and players.

Ultra Mini Size, Easy to Carry

IPHONE 15 PRO MAX



JOWLURK A8



Effortlessly carried for all your outings

Image: A close-up of the JOWLURK Mini Projector's side panel, clearly showing the AV, HDMI, and USB input ports, along with a 3.5mm audio jack.

3.5 Portable Size

With dimensions of 7.08 x 5.3 x 2.7 inches, this portable projector is comparable to the size of a smartphone, making it easy to carry in your bag. The product packaging also includes a handle for convenient transport.



Image: The JOWLURK Mini Projector A8 (Coffee color) placed on a wooden surface next to an iPhone 15 Pro Max, illustrating its compact size. Dimensions are overlaid on the image.

4. Setup Guide

4.1 Power Connection

Connect the provided power cable to the projector's DC input port and then to a power outlet. The projector does not have an internal battery and requires continuous power.

4.2 Placement and Projection Distance

For optimal image clarity, place the projector between 3.3 to 16.4 feet from the projection surface. A distance of 4 to 5 feet is recommended for a clearer image. The darker the room, the better the image quality will be.

4.3 Focus Adjustment

Use the 'F+' or 'F-' buttons on the remote control to electrically adjust the focus until the image appears sharp and clear on the screen.

4.4 Keystone Correction

The projector supports manual keystone correction. Adjust the keystone dial on the projector or use the remote control to correct any trapezoidal distortion in the image, ensuring a rectangular display.

4.5 Screen Mirroring (iOS/Android)

To mirror your iOS or Android device screen wirelessly:

1. Select 'Screen Mirroring' from the projector's main menu.
2. Ensure your mobile device and the projector are connected to the same WiFi network.
3. On your iOS device, open Control Center and tap 'Screen Mirroring' (or 'AirPlay Mirroring'). Select the projector from the list.
4. On your Android device, go to settings and find 'Screen Casting' or 'Wireless Display'. Select the projector from the list.

4.6 Bluetooth Connection

To connect external Bluetooth speakers or headphones:

1. Navigate to the 'BT' (Bluetooth) option in the projector's main menu.
2. Turn on Bluetooth mode.
3. Ensure your Bluetooth device is in pairing mode.
4. Select your device from the 'Available Device' list to pair.

5. Operating Instructions

5.1 Remote Control Functions

The remote control provides full functionality for navigating the projector's menu and adjusting settings. Key buttons include:

- **Power:** Turns the projector on/off.
- **Mute:** Mutes/unmutes audio.
- **F+/F-:** Adjusts electric focus.
- **OK:** Confirms selection.
- **Arrow Buttons:** Navigates through menus.
- **Source:** Selects input source (HDMI, USB, AV).
- **Menu:** Accesses main settings menu.
- **Exit:** Exits current menu or function.
- **Vol+/Vol-:** Adjusts volume.

5.2 Main Menu Navigation

From the home screen, you can access various functions:

- **Setting:** Accesses picture, sound, time, and option settings.
- **HDMI:** Selects HDMI input.
- **USB:** Selects USB input for media playback.
- **AV:** Selects AV input.
- **Screen Mirroring:** Initiates wireless screen mirroring for iOS/Android.

- **WiFi:** Manages WiFi connections.
- **BT:** Manages Bluetooth connections.
- **About Us:** Displays product information.

5.3 Picture Settings

In the 'Setting' menu, select 'Picture' to adjust:

- **Picture Mode:** Standard, Dynamic, Mild, User (customizable).
- **Contrast, Brightness, Color, Sharpness:** Adjust levels from 0-100.
- **Color Temperature:** Cool, Medium, Warm.
- **Rotate Front Projection:** Front Table, Rear Table, Front Ceiling, Rear Ceiling (for different mounting options).
- **Reduce Display:** Adjust image size from 50% to 100%.

5.4 Sound Settings

In the 'Setting' menu, select 'Sound' to adjust:

- **Sound Mode:** Standard, Movie, Music, Sports, User (customizable).
- **Treble, Bass:** Adjust levels from 0-100.
- **Balance:** Adjust audio balance between left and right channels.

5.5 Time Settings

In the 'Setting' menu, select 'Time' to configure:

- **Sleep Timer:** Sets a timer for the projector to automatically turn off (e.g., 10min, 20min, up to 240min).
- **Auto Sleep:** Sets the projector to automatically sleep after a period of inactivity (e.g., 3H, 4H, 5H).
- **OSD Timer:** Sets how long the On-Screen Display (OSD) remains visible (e.g., 5S, 10S, up to 30S).

5.6 Option Settings

In the 'Setting' menu, select 'Option' to manage:

- **OSD Language:** Selects the display language (e.g., English).
- **Aspect Ratio:** Adjusts the image aspect ratio (e.g., 16:9).
- **Blue Screen:** Toggles blue screen display when no signal is detected.
- **BT Setting:** Direct access to Bluetooth settings.
- **Restore Factory Default:** Resets all settings to factory defaults.
- **Software Update (USB):** Updates firmware via USB.
- **OTA Upgrade:** Over-The-Air firmware upgrade (requires WiFi connection).

6. Maintenance

6.1 Lens Cleaning

To maintain optimal image quality, regularly clean the projector lens. Use a soft, lint-free cloth or the provided Q-tips to gently wipe the lens. Avoid using abrasive cleaners or excessive force, which could scratch the lens.

6.2 General Cleaning

Wipe the exterior of the projector with a soft, dry cloth. Do not use liquid or aerosol cleaners.

7. Troubleshooting

7.1 Blurry Image

- Adjust the electric focus using the F+ or F- buttons on the remote control.
- Ensure the projector is placed within the recommended projection distance (3.3 to 16.4 feet).
- Adjust manual keystone correction if the image is distorted.

7.2 Low or No Sound

- Increase the volume using the Vol+ button on the remote.
- Check if the projector is muted. Press the Mute button on the remote.
- If using an external device, ensure its volume is also turned up.
- For a richer audio experience, connect external speakers via Bluetooth 5.3 or the 3.5mm audio jack.

7.3 Connectivity Issues (WiFi/Bluetooth/HDMI)

- **WiFi:** Ensure the projector and your device are on the same 5G or 2.4G WiFi network. Check network settings.
- **Bluetooth:** Ensure Bluetooth is enabled on both the projector and the external device, and that the device is in pairing mode.
- **HDMI/AV/USB:** Verify that the correct input source is selected on the projector. Check cable connections for security.

8. Specifications

Brand	JOWLURK
Model Number	A8
Native Resolution	1920 x 1080 (1080P)
Display Resolution Maximum	1920 x 1080 Pixels (4K Supported)
Brightness	15000 Lumens
Contrast Ratio	15000:1
Connectivity Technology	WiFi (5G/2.4G), Bluetooth 5.3, HDMI, USB, 3.5mm Jack
Display Type	LCD
Form Factor	Portable
Item Dimensions L x W x H	5.3"L x 2.7"W x 7.08"H
Maximum Image Size	200 Inches
Minimum Image Size	40 Inches
Maximum Throw Distance	16.4 Feet

Minimum Throw Distance	3.3 Feet
Light Source Operating Life	60000 Hours
Mounting Type	Ceiling/Tabletop/Tripod/Wall Mount

9. Warranty and Support

9.1 Warranty Information

The product comes with a standard warranty. Please refer to the warranty description provided with your purchase for specific terms and conditions.

9.2 Customer Support

If you encounter any problems during the use of the product, please feel free to contact us. We are committed to providing reliable customer service.

- **Email:** support@jowlurk.com
- **Website:** www.jowlurk.com