

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [HOWWOO](#) /

› [HOWWOO F5 Projector User Manual](#)

HOWWOO F5

HOWWOO F5 Projector User Manual

Model: F5

1. INTRODUCTION

Thank you for choosing the HOWWOO F5 Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. The HOWWOO F5 is designed to deliver a high-quality visual experience with its native 1080P Full HD resolution, high brightness, and versatile connectivity options, including WiFi and Bluetooth.



Figure 1.1: HOWWOO F5 Projector (Red Version)

This image displays the HOWWOO F5 Projector in a vibrant red color, showcasing its compact design, the prominent projection lens, and the intuitive control buttons located on the top surface. The projector is ready for use in various settings.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the projector. Failure to follow these instructions may result in fire, electric shock, or other injuries.

- **Power Supply:** Use only the provided power adapter. Ensure the power outlet matches the voltage requirements of the projector.
- **Ventilation:** Do not block the ventilation openings. Ensure adequate space around the projector for proper airflow to prevent overheating.
- **Liquid and Moisture:** Do not expose the projector to rain, moisture, or any liquids. Do not place objects filled with liquids, such as vases, on the projector.
- **Cleaning:** Unplug the projector from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Eye Safety:** Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- **Placement:** Place the projector on a stable, flat surface. Avoid placing it in direct sunlight or near heat sources.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- HOWWOO F5 Projector
- Power Adapter
- Remote Control
- HDMI Cable
- AV Cable
- User Manual
- 100-inch Projector Screen

4. PRODUCT FEATURES

The HOWWOO F5 Projector is equipped with advanced features for a superior viewing experience:

- **Native 1080P Full HD Resolution:** Delivers crisp, clear images with a native resolution of 1920 x 1080 pixels.
- **High Brightness & Contrast:** Features 12000 Lux brightness and a dynamic contrast ratio of up to 12000:1 for vibrant and sharp visuals.
- **Dual-Band WiFi (2.4G+5G):** Ensures ultra-fast and seamless screen mirroring with minimal lag.
- **One-Step Screen Mirroring:** Easily mirror content from your phone or laptop without complex setups, even outdoors without a WiFi network.
- **Bluetooth 5.1:** Connect wirelessly to external Bluetooth speakers or headphones for enhanced audio.
- **Integrated Stereo Speakers:** Built-in 5W dual stereo speakers with SRS sound system provide powerful and clear audio.
- **Adjustable Display Size:** Project screen sizes from 40 to 200 inches.
- **50% Zoom Function:** Adjust the screen size without moving the projector.
- **Eye-Friendly Diffused Reflection:** Reduces eye strain, making it suitable for extended viewing, especially for

children.

- **Versatile Compatibility:** Supports various devices including streaming channels, TV sticks, laptops, game consoles (PS5), smartphones, tablets, and USB sticks.



Figure 4.1: Key Features of HOWWOO F5 Projector

This image highlights the HOWWOO F5 Projector's easy setup and key features, including 1080P Full HD, 12000 LUX brightness, Bluetooth, WiFi, One-step Mirroring, and a 100-inch screen capability. A white projector is shown on a modern table.

5. SETUP

5.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect the projector and accessories for any signs of damage. If any items are missing or damaged, contact customer support immediately.

5.2 Projector Placement

Choose a stable, flat surface for the projector. The distance from the projector to the screen will determine the projected image size. Ensure the projector is positioned directly in front of the screen for optimal image geometry. If an angled projection is necessary, use the keystone correction feature.

5.3 Power Connection

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

5.4 Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will start up, and the main interface will appear on the screen.

5.5 Focus and Keystone Adjustment

- **Focus:** Rotate the focus ring on the projector lens until the image appears sharp and clear.
- **Keystone Correction:** If the projected image is trapezoidal (wider at the top or bottom), use the keystone correction function (manual or digital, depending on model) to adjust the image to a perfect rectangle. Refer to the on-screen menu for digital keystone adjustment.

6. OPERATING

6.1 Basic Controls

The projector can be controlled using the buttons on the top panel or the included remote control.

- **Power Button:** Turns the projector on/off.
- **Navigation Buttons (Up/Down/Left/Right):** Navigate through menus.
- **OK/Enter Button:** Confirms selections.
- **Back/Return Button:** Returns to the previous menu.
- **Source Button:** Selects input source (HDMI, USB, AV, Screen Mirroring).
- **Volume Buttons:** Adjusts audio volume.

6.2 Input Source Selection

Press the 'Source' button on the remote or projector to cycle through available input options:

- **HDMI:** Connects to laptops, gaming consoles, TV sticks, etc.
- **USB:** Plays media files directly from a USB flash drive.
- **AV:** Connects to older devices using the AV cable.
- **Screen Mirroring:** For wireless connection with smartphones and tablets.

6.3 Screen Mirroring (WiFi)

The HOWWOO F5 supports one-step screen mirroring for iOS, Android, and Windows/Mac devices.

1. Select 'Screen Mirroring' as the input source.
2. **For iOS Devices:** Connect your iPhone/iPad to the projector's WiFi network (displayed on the projector screen). Then, open Control Center and tap 'Screen Mirroring' or 'AirPlay Mirroring' and select the projector.
3. **For Android Devices:** Ensure your Android device supports 'Wireless Display', 'Multi-screen', 'Smart View', or 'Screen Cast'. Enable this feature on your device and select the projector from the list of available devices.
4. **For Windows/Mac Laptops:** Ensure your laptop and projector are on the same WiFi network. For Windows, use 'Project to a wireless display'. For Mac, use 'AirPlay' from the menu bar.

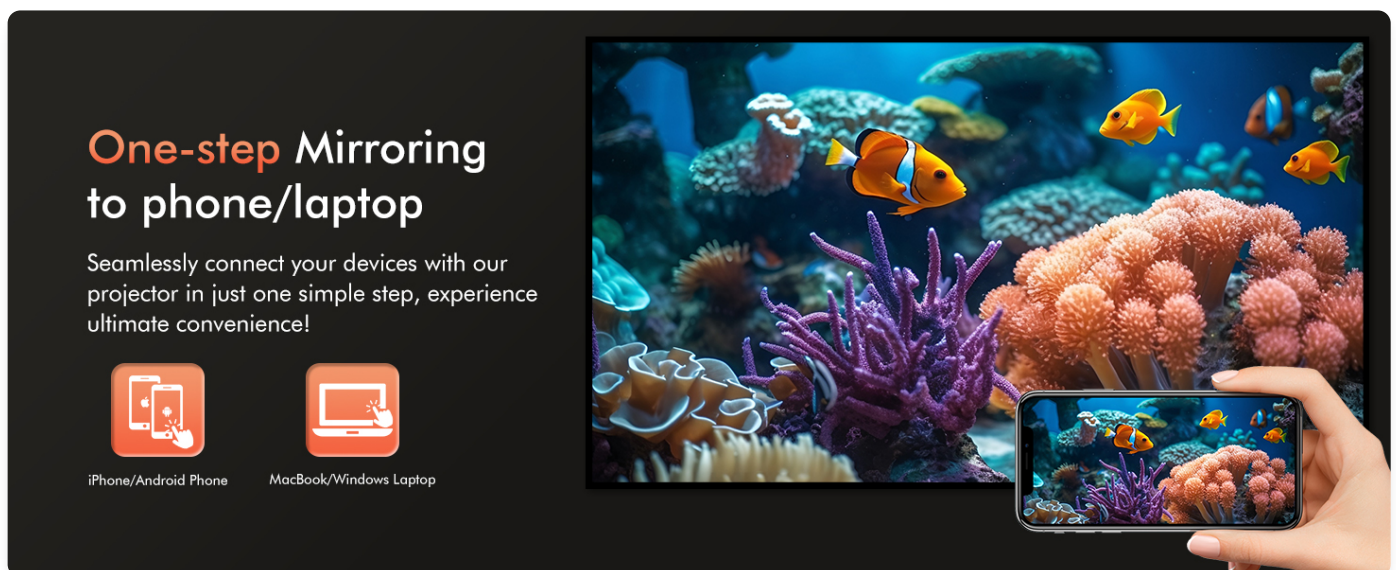


Figure 6.1: One-Step Mirroring Capability

This image illustrates the seamless one-step mirroring feature, allowing users to easily project content from their iPhone/Android phones or

MacBook/Windows laptops onto a large screen, enhancing convenience for presentations or entertainment.

6.4 Bluetooth Connection (Audio)

Connect the projector to external Bluetooth speakers or headphones for a more immersive audio experience.

1. Go to the projector's 'Settings' menu and select 'Bluetooth'.
2. Turn on Bluetooth on the projector.
3. Put your Bluetooth speaker/headphone into pairing mode.
4. Select your device from the list of available devices on the projector screen to connect.



Figure 6.2: Bluetooth Audio Connectivity

This image demonstrates the projector's Bluetooth function, enabling wireless connection to external speakers or headphones for an enhanced audio experience, immersing the user in an audio-visual feast.

6.5 Zoom Function

The 50% zoom function allows you to adjust the screen size without physically moving the projector.

1. Navigate to the 'Picture Settings' or 'Display Settings' menu.
2. Find the 'Zoom' or 'Screen Size' option.
3. Adjust the percentage to scale the image down (e.g., from 100% to 50%).

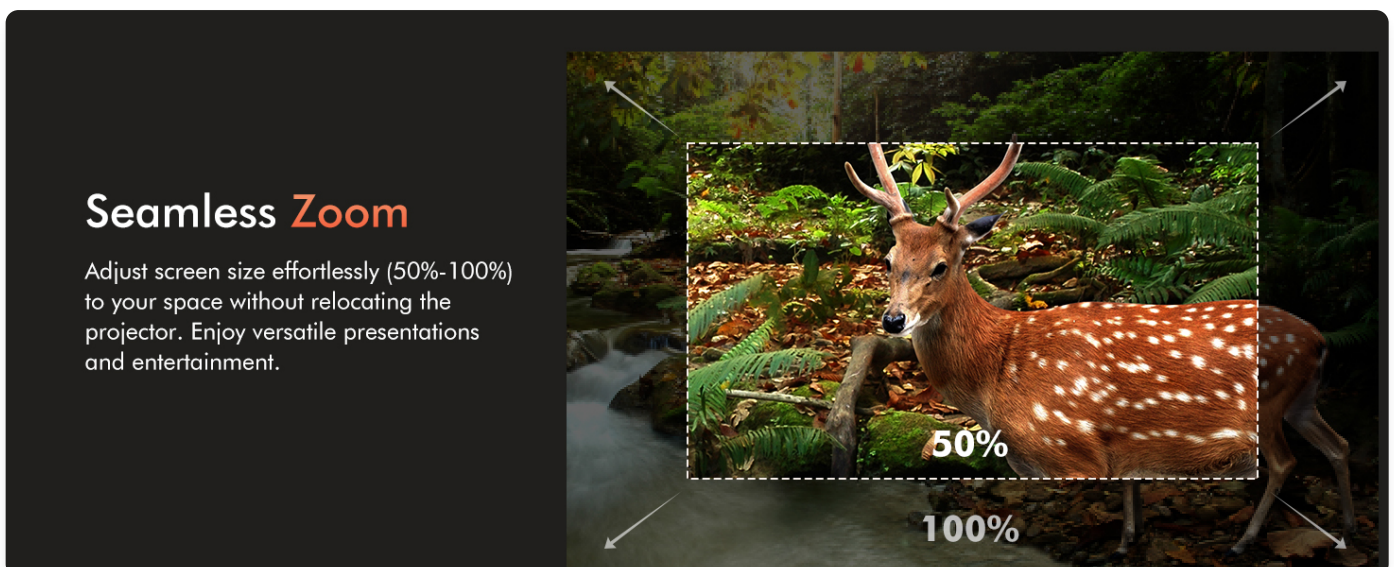


Figure 6.3: Seamless Zoom Adjustment

This image illustrates the seamless zoom feature, allowing users to adjust the screen size from 50% to 100% effortlessly, providing versatile presentations and entertainment without relocating the projector.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Ventilation Cleaning:** Regularly check and clean the air vents to prevent dust buildup, which can lead to overheating. Use a soft brush or compressed air to clear the vents.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case to prevent dust accumulation.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No image on screen	Power not connected; Incorrect input source; Cable not connected properly.	Check power cable; Select correct input source; Reconnect HDMI/AV cable securely.
Image is blurry	Focus not adjusted; Projector too far/close; Lens dirty.	Adjust focus ring; Adjust projection distance; Clean the lens.
No sound	Volume too low; Muted; External audio device not connected; Incorrect audio settings.	Increase volume; Unmute; Connect external speakers via Bluetooth/audio cable; Check audio output settings on source device.
Screen mirroring fails	Not on same WiFi network; Device not compatible; Firewall/VPN interference.	Ensure both devices are on the same WiFi; Check device compatibility; Disable VPN/firewall temporarily.
Remote control not working	Batteries low/dead; Obstruction between remote and projector; Remote sensor blocked.	Replace batteries; Remove obstructions; Ensure remote is pointed at the projector's IR sensor.

9. SPECIFICATIONS

Detailed technical specifications for the HOWWOO F5 Projector:

Feature	Specification
Brand	HOWWOO
Model	F5
Display Resolution	Native 1920 x 1080P Full HD

Feature	Specification
Brightness	12000 Lux
Contrast Ratio	Up to 12000:1
Connectivity Technology	Wireless (2.4G+5G WiFi, Bluetooth 5.1)
Speaker Type	Built-In, Stereo (5W dual speakers with SRS sound)
Recommended Uses	Indoor/Outdoor
Product Dimensions	8.58 x 6.85 x 3.78 inches
Item Weight	3.99 pounds
Color	Red (as per product listing)
Visible Screen Diagonal	240" / 610 cm (Maximum supported)

10. WARRANTY AND SUPPORT

HOWWOO is committed to providing excellent customer service and support for your projector.

- **24 Hours:** Quick response to inquiries within 24 hours.
- **30 Days:** Hassle-free returns within 30 days of purchase for any reason.
- **12 Months:** Free exchange policy within 12 months for product defects.
- **Lifetime:** Lifetime technical customer support for your product.

For any questions, technical assistance, or warranty claims, please contact HOWWOO customer support through the official channels provided at the time of purchase or on the HOWWOO brand website.

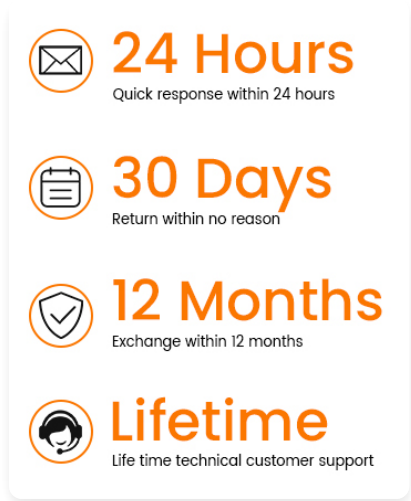


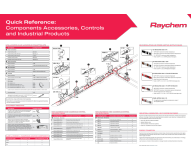

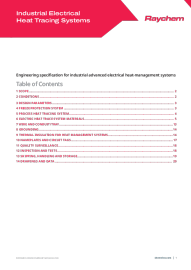
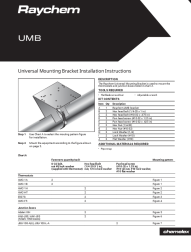


Figure 10.1: HOWWOO Customer Service Commitments

This image outlines HOWWOO's commitment to customer satisfaction, detailing quick 24-hour responses, a 30-day return policy, a 12-month exchange period, and lifetime technical support for their products.

Related Documents - F5

	<p>HOWWOO 8500 Lux Projector: Full HD 1080p with Media Player and Wi-Fi</p> <p>Detailed specifications for the HOWWOO 8500 Lux projector, featuring Full HD 1080p resolution, integrated media player, Wi-Fi connectivity, and a bright 8500 ANSI Lumens output. Includes technical details on display type, contrast, connectivity options, and applications.</p>
	<p>Raychem Industrial Heat Tracing Components and Accessories Quick Reference Guide</p> <p>A quick reference guide to Raychem's industrial heat tracing components, accessories, controls, and self-regulating/power-limiting heating cables, detailing product specifications, catalog numbers, and application suitability for hazardous and non-hazardous locations.</p>
	<p>Raychem Quick Reference: Components, Accessories, Controls, and Industrial Heat Tracing Products</p> <p>A quick reference guide from Raychem detailing components, accessories, controls, and industrial products for heat tracing systems, including connection kits, attachment products, control modules, and heating cables.</p>
	<p>nVent RAYCHEM Industrial Heat-Tracing Installation and Maintenance Manual</p> <p>Comprehensive guide for installing and maintaining nVent RAYCHEM Self-Regulating and Power-Limiting heating cable systems on industrial pipes and vessels.</p>
	<p>Industrial Electrical Heat Tracing Systems Engineering Specification</p> <p>This engineering specification details requirements for Raychem's advanced industrial electrical heat-management and heat tracing systems, covering design, materials, installation, and testing.</p>
	<p>Raychem UMB Universal Mounting Bracket Installation Instructions</p> <p>Comprehensive guide for installing the Raychem Universal Mounting Bracket (UMB), detailing how to mount various thermostats and junction boxes with specific hardware and pattern configurations.</p>

