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› DBPOWER H89 Mini Bluetooth Projector User Manual

DBPOWER H89

DBPOWER H89 Mini Bluetooth Projector User Manual

Model: H89

Brand: DBPOWER

1. INTRODUCTION

Thank you for purchasing the DBPOWER H89 Mini Bluetooth Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before use and keep it for future reference.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- DBPOWER H89 Mini Bluetooth Projector
- Remote Control
- Power Cable
- HDMI Cable
- AV Cable
- User Manual

3. PRODUCT OVERVIEW

The DBPOWER H89 projector is designed for versatile entertainment, offering high-definition projection with advanced connectivity features.



Image: The DBPOWER H89 Mini Bluetooth Projector, showcasing its compact design, included remote control, and key features like E-Focus, Native 1080P, 5G WiFi, and Bluetooth connectivity, projected onto a curved screen.



Image: A hand demonstrating the ultra-portable nature of the DBPOWER H89 projector by easily placing it into a small bag. The projector measures approximately 6.3 x 5 x 4 inches and weighs around 2 lbs.

4. SETUP GUIDE

4.1 Initial Power-On

1. Connect the power cable to the projector's power input and then to a power outlet.
2. Press the power button on the projector or the remote control to turn on the device.

4.2 Placement and Projection

Position the projector on a stable surface. The projection size ranges from 30 to 150 inches with a distance between 4ft and 15ft. Consider the following placement options:

- **Table Mount:** Place the projector on a table in front of the screen.
- **Tripod Mount:** Attach the projector to a tripod using the screw point on its bottom.
- **Ceiling Mount:** The projector can be mounted upside down from the ceiling. Ensure proper ventilation.



Image: Illustration of flexible projection setups including ceiling mount, table mount, and tripod mount, demonstrating how the projector can achieve screen sizes up to 200 inches.

4.3 Focus Adjustment (Electric Focus)

The H89 features electric focus for quick and precise image clarity.

1. Point the remote control towards the projector.
2. Press the 'F+' or 'F-' buttons on the remote to adjust the focus until the image is sharp and clear. If the remote is lost, the buttons on the projector can also be used for focusing.



Image: The projector's electric focus feature in action, showing a clear image on the screen with a focus indicator. This image also highlights digital $\pm 40^\circ$ keystone correction and 75% zoom capabilities.

4.4 Keystone Correction

The projector supports $\pm 40^\circ$ vertical keystone correction to adjust distorted images.

1. Navigate to the 'Setting' menu on the projector's interface.
2. Select 'Keystone Correction' and use the navigation buttons on the remote to adjust the vertical angle until the image is rectangular.

Your browser does not support the video tag.

Video: An official product video demonstrating the electric focus and digital $\pm 40^\circ$ vertical keystone correction features of the DBPOWER H89 projector, showing how to achieve a perfectly aligned image.

5. OPERATING INSTRUCTIONS

5.1 Connecting Devices

The H89 projector offers multiple connectivity options:

- **HDMI:** Connect PCs, TV Boxes, TV Sticks, gaming consoles (e.g., PS5), or DVD players via the HDMI ports.
- **USB:** Insert USB flash drives into the USB ports for media playback.
- **AV:** Use the AV port for older devices.
- **Headphone:** Connect external headphones or wired speakers.



Image: An overview of the projector's wide compatibility, illustrating its various input ports (HDMI, USB, AV, Headphone) and the range of devices it can connect to, such as gaming consoles, laptops, and streaming devices.

5.2 Wireless Connectivity (5G WiFi & Bluetooth)

The projector supports advanced wireless features:

- **5G WiFi Screen Mirroring:** Equipped with 2.4G+5G dual WiFi6 technology, the projector allows for smooth, 0-latency screen mirroring from smartphones (Android, iOS) and other devices.
- **Bluetooth 5.2:** Connect external Bluetooth speakers, soundbars, or headphones for an enhanced audio experience. The projector has built-in dual 5W Hi-fi stereo speakers, but external audio can provide a more immersive sound.

MORE STABLE AND EFFICIENT STREAMING

5G+2.4G Convenience and Rapid WiFi Screen Mirroring



Image: A visual comparison demonstrating the superior stability and efficiency of 5G+2.4G WiFi6 for screen mirroring compared to 2.4G WiFi only, ensuring a smoother streaming experience.

STEREO SURROUND SOUND TO ENJOY AN IMMERSIVE AUDITORY FEAST

Bluetooth Connection & Hi-Fi Speaker



Image: The projector's Bluetooth connectivity, showing it wirelessly linked to external speakers and headphones, providing an immersive auditory experience. Bluetooth is for audio output only.

5.3 Zoom Function

The digital zoom function allows you to adjust the image size without moving the projector.

- Use the zoom controls on the remote to shrink the image size from 75% to 100%.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your projector.

- **Cleaning the Lens:** Use a professional lens cleaning cloth and solution. Avoid touching the lens directly with your fingers.
- **Cleaning the Casing:** Wipe the projector casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the projector's ventilation openings are not blocked to prevent overheating.
- **Lamp Life:** The projector lamp has a life expectancy of up to 100,000 hours.

7. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image or blurry image	Incorrect focus, wrong input source, loose cable connection.	Adjust electric focus using the remote. Select the correct input source. Check all cable connections.
No sound or low sound	Volume too low, external audio device not connected/paired, audio format not supported.	Increase projector volume. Ensure Bluetooth speaker is correctly paired or wired speaker is connected. Check audio settings on the source device.
WiFi screen mirroring issues	Weak WiFi signal, incorrect network settings, device compatibility.	Ensure projector and device are on the same 5G or 2.4G WiFi network. Restart both devices. Check for software updates.
Remote control not working	Dead batteries, obstruction, remote not pointed at IR receiver.	Replace batteries. Remove any obstructions between remote and projector. Ensure direct line of sight.

For further assistance, please contact DBPOWER customer support.

8. SPECIFICATIONS

Key technical specifications of the DBPOWER H89 Projector:

Feature	Detail
Brand	DBPOWER
Model Number	H89
Native Resolution	1920 x 1080P (Full HD)
Supported Resolution	Up to 4K
Brightness	300 ANSI Lumens (equivalent to 12000L)
Contrast Ratio	10000:1
Connectivity Technology	HDMI, USB, AV, Bluetooth 5.2, 5G WiFi (WiFi6)
Special Features	Electric Focus, $\pm 40^\circ$ Vertical Keystone Correction, Zoom Function (75%-100%), Built-in Hi-fi Stereo Speaker, Flagship Chip
Projection Size	30" - 150" (up to 200" recommended)
Projection Distance	4ft - 15ft
Lamp Life	100,000 hours
Item Weight	3.12 pounds

Feature	Detail
Product Dimensions	6.4 x 4 x 5 inches

9. WARRANTY AND SUPPORT

DBPOWER provides professional technical support for its products. For any questions or issues not covered in this manual, please refer to the official DBPOWER website or contact their customer service directly. Keep your purchase receipt for warranty claims.