Artlii Energon 2

Artlii Energon2 5G WiFi Home Theater Projector User Manual

Model: Energon 2

1. INTRODUCTION

The Artlii Energon2 is a high-performance 5G WiFi Home Theater Projector designed to deliver an immersive viewing experience. Featuring native 1080P resolution with 4K support, Dolby Audio, and versatile connectivity options including 5G/2.4G WiFi and Bluetooth, this projector is suitable for various entertainment and presentation needs. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

This image displays the Artlii Energon2 projector, highlighting its key features such as 4K support, Dolby Audio, and 5G WiFi connectivity. A carrying bag is shown alongside, and a smartphone screen is mirrored onto a larger display, demonstrating its wireless capabilities.
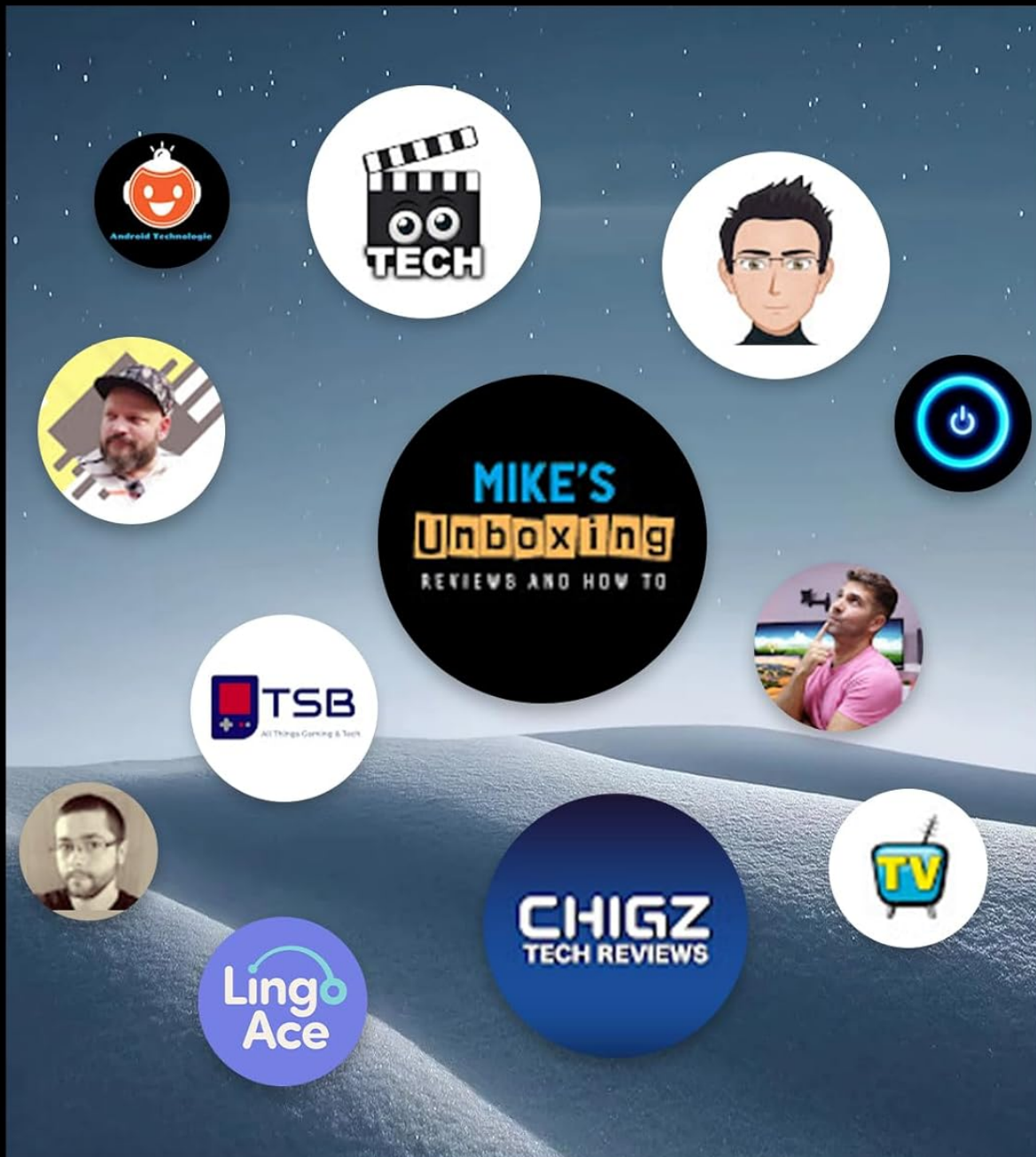
2. PACKAGE CONTENTS

Please check the box for the following items:

- Artlii Energon2 Video Projector
- Remote Control
- Power Cord
- HDMI Cable
- AV Cable
- Projector Lens Cover
- Carrying Bag
- Instruction Manual

3. PRODUCT DIAGRAM

Familiarize yourself with the various parts of your Artlii Energon2 projector.

This image provides a visual overview of the Artlii Energon2 projector, showcasing its design and the location of various ports and controls for user reference.

Front View: Lens, Focus Ring, Keystone Correction Ring
Top View: Power Button, Navigation Buttons, Menu Button, Source Button
Rear View: Power Input, HDMI 1 Port, HDMI 2 Port, USB 1 Port, USB 2 Port, AV Port, VGA Port, TF Card Slot, 3.5mm Audio Out
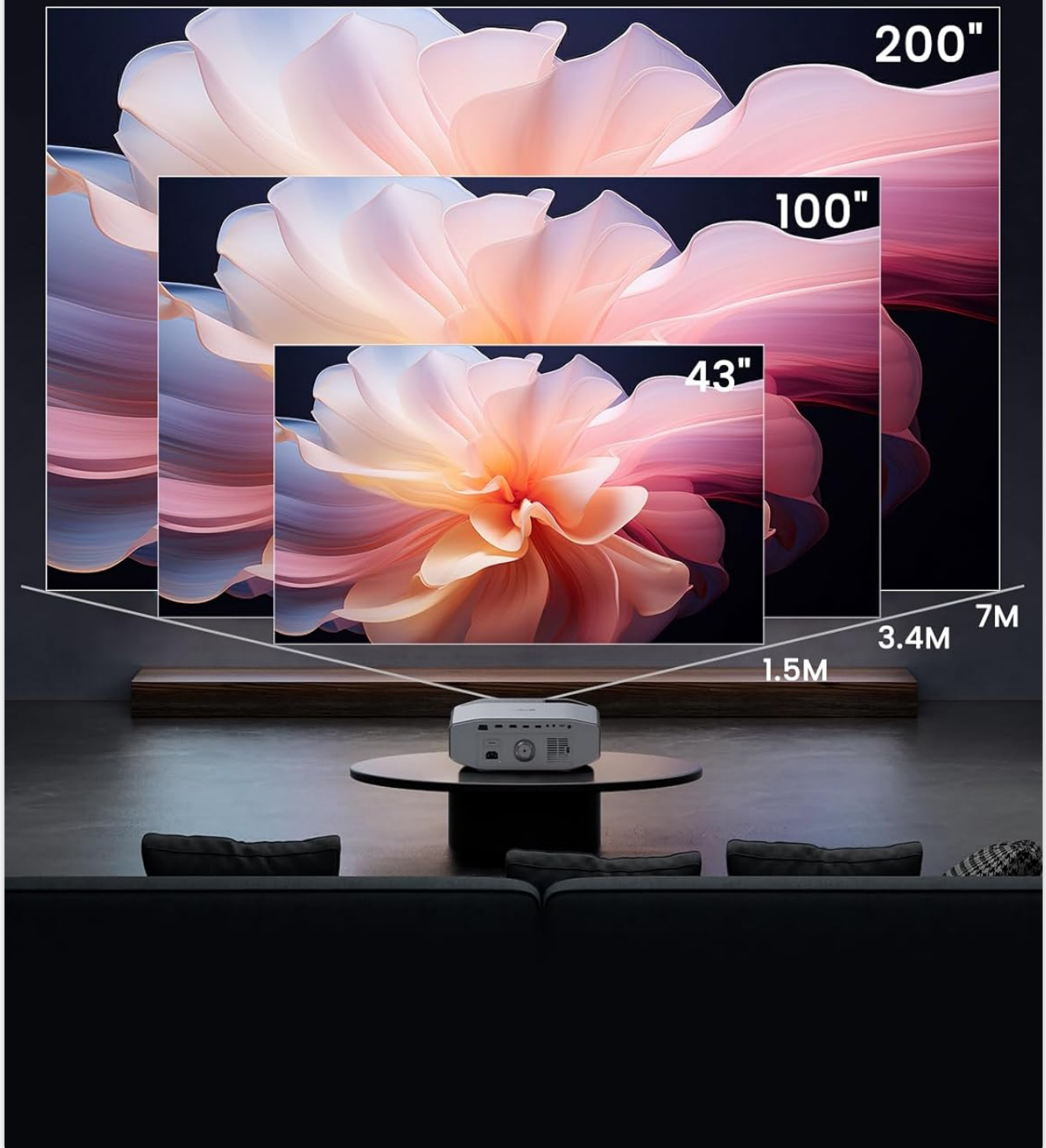
4. SETUP

4.1 Placement

Position the projector on a stable, flat surface or mount it to the ceiling. Ensure there is adequate ventilation around the unit. The projection distance will determine the screen size. For optimal viewing, refer to the following guidelines:

- Minimum Projection Distance: Approximately 1.5 meters for a 43-inch screen.
- Recommended Projection Distance: Approximately 3.4 meters for a 100-inch screen.
- Maximum Projection Distance: Up to 7 meters for a 300-inch screen.

An illustration demonstrating the flexible projection sizes offered by the Artlii Energon2, ranging from 43 inches to an impressive 300 inches, suitable for various room sizes and viewing preferences.

4.2 Power Connection

1. Connect the power cord to the projector's power input.
2. Plug the other end of the power cord into a power outlet.

4.3 Initial Power On

1. Press the power button on the projector or the remote control to turn on the device.
2. Adjust the focus ring on the lens until the image is clear.
3. Use the keystone correction ring to adjust the image shape if it appears trapezoidal.

5. OPERATING INSTRUCTIONS

5.1 Connectivity

5.1.1 WiFi Connection (5G/2.4G)

The Artlii Energon2 supports dual-band 5G and 2.4G WiFi for stable and fast wireless connections.

1. Navigate to the 'Settings' menu on the projector.
2. Select 'WiFi Settings' and turn on WiFi.
3. Choose your desired 5G or 2.4G network from the list.
4. Enter the WiFi password and connect.

An image highlighting the projector's advanced technology, featuring a Sigmastar chip for smoother screen projection and upgraded picture quality, alongside dual-band 5G and 2.4G WiFi for stable wireless connectivity, illustrated with a dynamic sports scene.
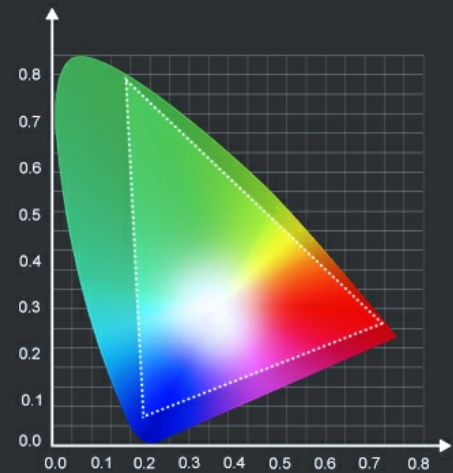
5.1.2 Bluetooth Connection

Connect external Bluetooth audio devices for an enhanced sound experience.

1. Ensure your Bluetooth speaker or headphones are in pairing mode.
2. On the projector, go to 'Settings' and select 'Bluetooth Settings'.
3. Turn on Bluetooth and scan for available devices.
4. Select your device from the list to pair.

An image illustrating the Artlii Energon2 projector's Bluetooth connectivity, showing it wirelessly paired with both Bluetooth headphones and an external Bluetooth speaker for enhanced audio.

5.1.3 Wired Connections

The projector offers multiple wired input options:

- **HDMI:** Connect devices like laptops, gaming consoles (PS5, X-Box), TV sticks, or Blu-ray players using an HDMI cable.
- **USB:** Plug in USB drives to play media files directly.
- **AV:** Connect older devices using the provided AV cable.
- **VGA:** Connect to computers with a VGA output.
- **TF Card:** Insert a TF card to play media files.

5.2 Screen Mirroring

The Artlii Energon2 supports both wireless and wired screen mirroring for iOS and Android devices.

5.2.1 Wireless Screen Mirroring

1. Ensure your mobile device and the projector are connected to the same WiFi network.
2. Select the 'Screen Mirroring' option on the projector's main menu.
3. On your iOS device, use 'Screen Mirroring' or 'AirPlay'. On your Android device, use 'Smart View', 'Multi-screen', or similar casting features.
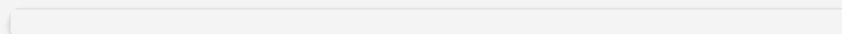4. Select the projector from the list of available devices.

5.2.2 Wired Screen Mirroring

For a more stable connection, you can use a wired connection for screen mirroring (specific adapters may be required for your device).

This image demonstrates the Artlii Energon2 projector's versatile screen mirroring capabilities, showing both wireless and wired connections from Apple and Android devices to project content onto a large screen.

Note: Due to copyright restrictions, streaming platforms such as Netflix, Hulu, and others do not support direct screen mirroring from external devices. A streaming stick (e.g., Fire Stick, Roku, Chromecast) connected via HDMI is recommended for these services.
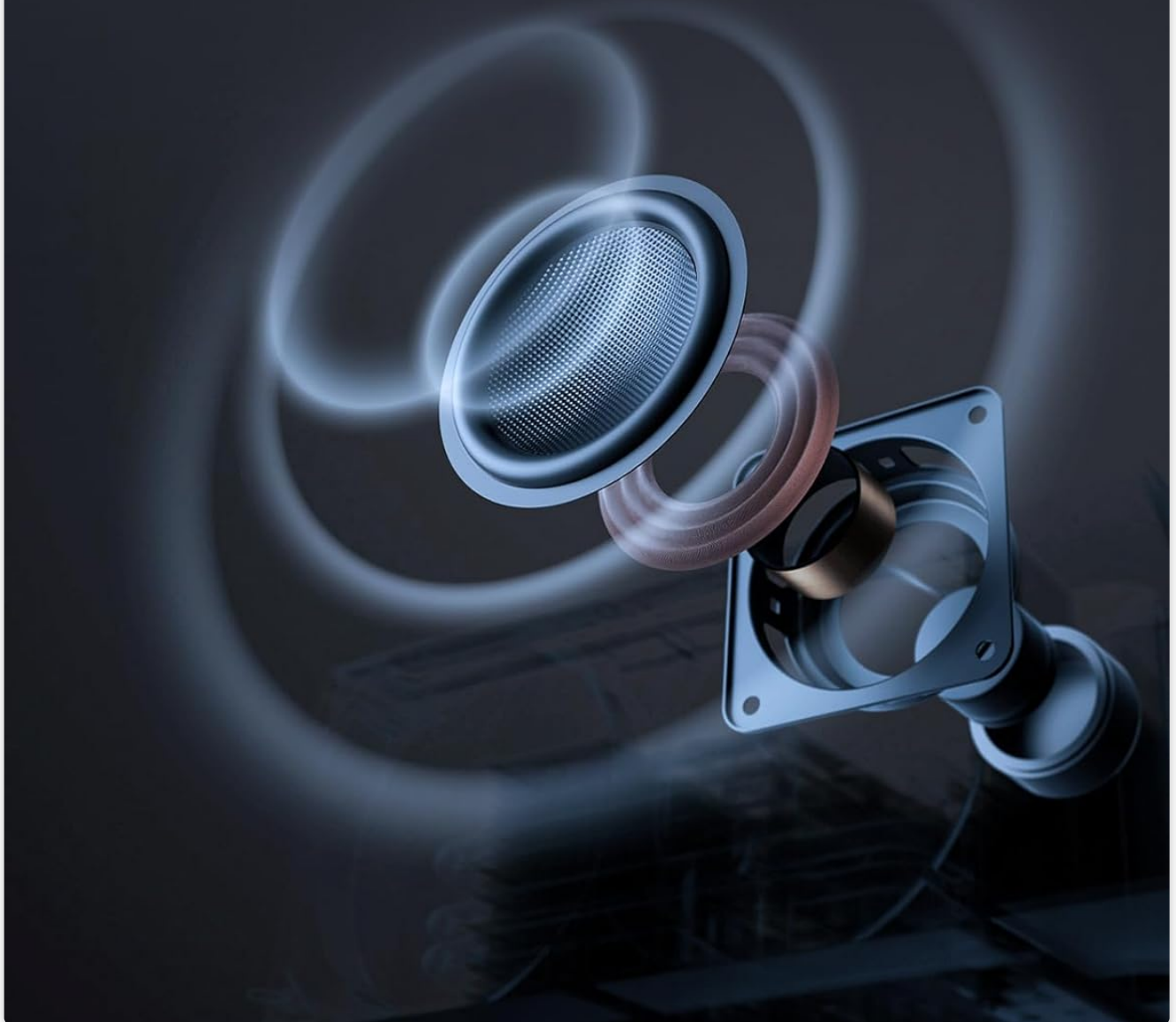
This image illustrates how to enjoy popular streaming services like Netflix and Hulu on the Artlii Energon2 projector by connecting a TV stick, providing a large-screen viewing experience for various entertainment platforms.

5.3 Audio Settings

The projector features immersive Dolby Audio. You can also connect external audio devices via Bluetooth or the 3.5mm audio output port.
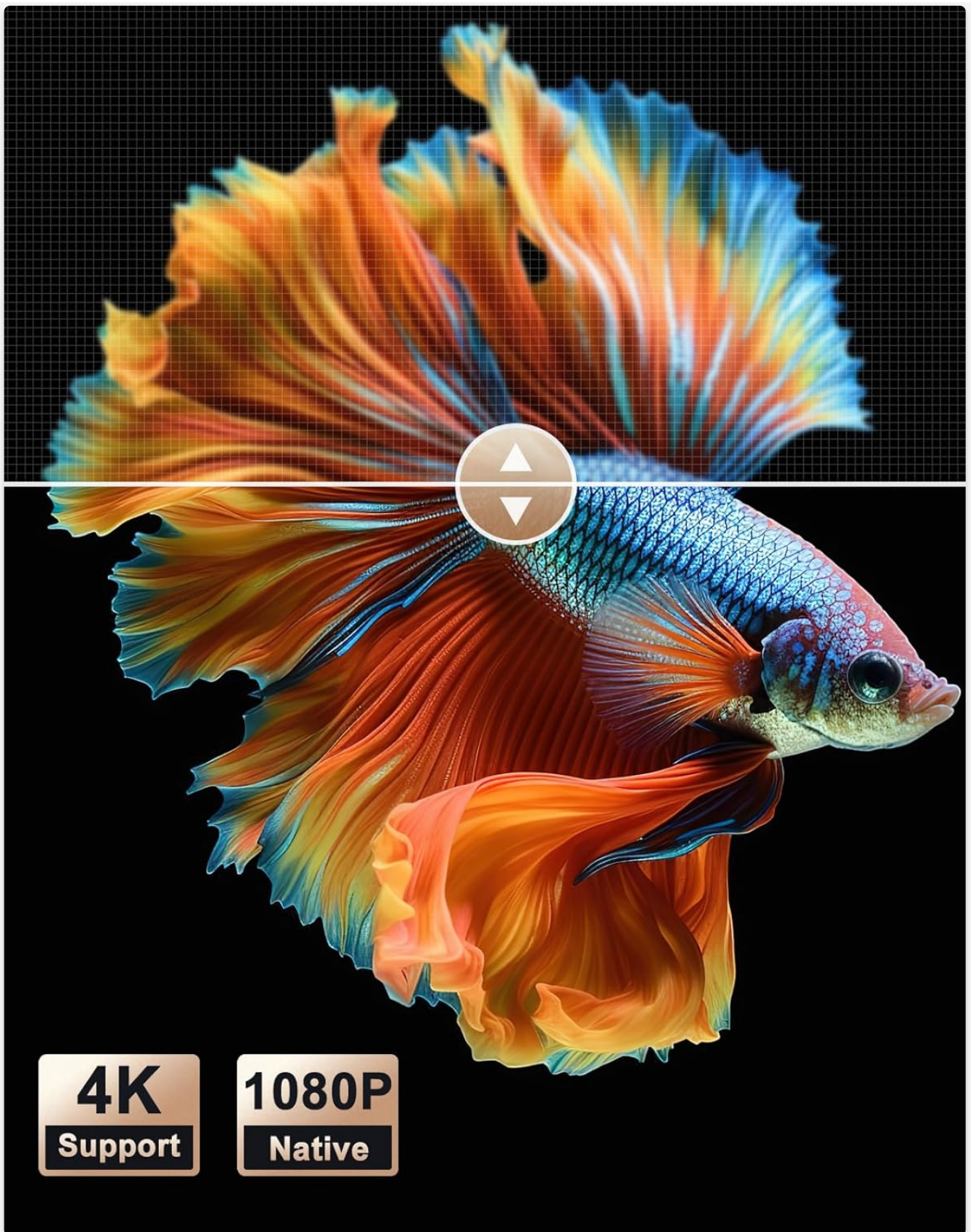
This graphic highlights the projector's 'Impressive Sound' feature, powered by Dolby Audio technology, depicting sound waves to convey an immersive audio experience.

5.4 Image Quality

The Artlii Energon2 delivers native 1080P resolution with support for 4K content, ensuring sharp and detailed images. Its color gamut covers up to 85% of NTSC, providing a wide range of vibrant and natural colors.

A visual comparison demonstrating the superior clarity of the Artlii Energon2 projector. The top half shows a pixelated image of a fish, while the bottom half reveals the same fish in sharp, native 1080P resolution, with an indication of 4K content support.

This image showcases the projector's ability to produce incredibly colorful and vivid images, illustrated by a detailed close-up of a parrot. A color gamut chart indicates 80% NTSC coverage, signifying a wide range of displayable colors.

6. MAINTENANCE

6.1 Lens Cleaning

Regularly clean the projector lens to maintain clear image quality. Use a soft, lint-free cloth specifically designed for optical lenses. Avoid using abrasive cleaners or excessive force.

6.2 Dust Filter

Check and clean the dust filter periodically to prevent overheating and maintain optimal performance. Refer to the projector's exterior for the filter location and cleaning instructions.

6.3 Storage

When not in use for extended periods, store the projector in its carrying bag in a cool, dry, and dust-free environment. Ensure the lens cover is in place to protect the lens.

7. TROUBLESHOOTING

If you encounter issues with your Artlii Energon2 projector, please refer to the following common problems and solutions:

- **No Image / Blank Screen:**

  - Check power connection and ensure the projector is turned on.
  - Verify the input source is correctly selected (HDMI, USB, etc.).
  - Ensure the lens cap is removed.
  - Adjust focus and keystone.

- **No Sound:**

  - Check volume settings on both the projector and the connected source device.
  - If using external speakers, ensure they are properly connected and powered on.
  - If using Bluetooth audio, ensure successful pairing and that the projector's internal speakers are not selected.

- **Remote Control Not Working:**

  - Replace batteries in the remote control.
  - Ensure there are no obstructions between the remote and the projector's IR receiver.
  - Point the remote directly at the projector.

- **Image is Blurry / Distorted:**

  - Adjust the focus ring on the lens.
  - Adjust the keystone correction ring to correct trapezoidal images.
  - Ensure the projection surface is flat and smooth.

- **Overheating / Fan Noise:**

  - Ensure adequate ventilation around the projector; do not block air vents.
  - Clean the dust filter regularly.
  - A certain level of fan noise is normal for projectors, but excessive noise may indicate a blockage or malfunction.

- **Screen Mirroring Issues:**

  - Ensure both devices are on the same WiFi network for wireless mirroring.
  - Check for software updates on your mobile device and the projector.
  - Remember that copyrighted content from streaming apps cannot be mirrored directly. Use a streaming stick.

8. SPECIFICATIONS

Feature	Specification
Brand	Artlii
Model	Energon 2
Model Year	2022
Display Technology	LCD
Native Resolution	1920 x 1080 Pixels
Supported Resolution	Up to 3840 x 2160 Pixels (4K)
Image Aspect Ratio	16:9 (Widescreen), 4:3
Image Contrast Ratio	10000:1
Wireless Standard	802.11abg, Bluetooth
Connectivity Technology	Wireless
Hardware Interface	3.5mm Audio, 802.11 ac/b/g/n
Special Features	Bluetooth, Dolby Audio, HDMI, Speakers, USB
Compatible Devices	iPhone, iPad, Android Phone, Computer, Fire Stick, Switch, SD card, PlayStation, Chromecast, TV box
Mounting Type	Ceiling Mount
Power Source Type	Corded Electric
Voltage	110 Volts (AC)
Wattage	150 watts
Product Dimensions	31 x 26 x 12 cm
Item Weight	3.5 kg
Material Type	ABS

9. WARRANTY AND SUPPORT

Artlii is committed to customer satisfaction and offers lifetime technical support for the Energon2 projector. If you encounter any problems or have questions regarding your product, please do not hesitate to contact our dedicated after-sales team.

For support, please visit the official Artlii website or refer to the contact information provided with your purchase documentation.

Related Documents - **Energon 2**

Preview	**Artlii Energon2 5G WiFi Home Theater Projector: Instruction Manual & User Guide** Comprehensive instruction manual for the Artlii Energon2 5G WiFi Home Theater Projector. Learn about setup, features, connectivity, settings, and troubleshooting for this 4K supported, Dolby Audio projector.
	Artlii Energon2 Projector User Manual User manual for the Artlii Energon2 5G WiFi Bluetooth Projector, featuring 4K support, 1080P native Full HD, 340 ANSI lumens, and a 250-inch screen. Compatible with iOS, Android, and PS5.
	Artlii Play3 Projector User Manual Comprehensive user manual for the Artlii Play3 projector, covering installation, operation, safety precautions, and features. Learn how to set up and use your Artlii Play3 for an optimal viewing experience.
Preview	**Artlii Enjoy2 Projector Instruction Manual - Setup and Operation Guide** Detailed instruction manual for the Artlii Enjoy2 portable mini projector. Learn how to set up, connect via WiFi, Bluetooth, HDMI, USB, and operate all features for an optimal viewing experience.
	Artlii Play 4 Projector Instruction Manual Comprehensive instruction manual for the Artlii Play 4 projector, covering setup, remote functions, connectivity options like WiFi and Miracast, and basic operations.
	Artlii Enjoy 2 Projector Instruction Manual Comprehensive instruction manual for the Artlii Enjoy 2 projector, covering setup, operation, and troubleshooting in multiple languages.