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› ARTSEA /

› ARTSEA Mini Projector with WIFI and Bluetooth - Portable Projector 4K 1080P Support, Vision Beam Projector with WIFI 6 and BT5.2 for Outdoor Movies, Auto Horizontal Correction and 270 Rotatable

ARTSEA PRJW108

ARTSEA Mini Projector User Manual

Model: PRJW108 | Brand: ARTSEA

1. PRODUCT OVERVIEW

The ARTSEA Mini Projector is a versatile and portable device designed for a superior visual and audio experience. It supports 4K and 1080P resolution, offering stunning clarity and vibrant colors for home cinema, outdoor movies, and presentations.

Key features include:

- **Powerful Audio Experience:** Equipped with high-power speakers, delivering clear sound even in large spaces, immersing you in the audio-visual world.
- **Seamless Visual Experience:** No lag in the picture, with astonishing color contrast ratio of 10,000:1, every frame bursting with vitality and rich detail.
- **High Definition Picture Quality:** Supporting 1080P HD resolution, presenting sharp and clear images, capturing every spectacular moment for you.
- **Multiple Size Options:** Supporting projection sizes ranging from 50 to 100 inches, meeting your viewing needs in different scenarios, creating a home theater-level viewing experience.
- **Keystone Correction Function:** Adjustable up to 270 degrees, allowing projection onto the ceiling even while lying in bed, conveniently adjusting the projection angle as you wish.



Figure 1: Front view of the ARTSEA Mini Projector, showcasing its compact cylindrical design and lens.

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Video 1: Product Overview. This video demonstrates the key features and functionality of the ARTSEA Mini Projector, including its connectivity options and rotatable design.

2. WHAT'S IN THE BOX

Upon opening the package, please ensure all the following items are present:

- 1 x ARTSEA Mini Projector
- 1 x Remote Control
- 1 x Power Cord

- 1 x HDMI Cable
- 1 x User Manual (this document)

3. SETUP GUIDE

3.1 Power Connection

1. Connect the power cord to the projector's power input port.
2. Plug the other end of the power cord into a wall outlet.
3. Press the power button on the projector or remote control to turn it on.

3.2 Device Connection

The ARTSEA Mini Projector offers multiple connectivity options:

- **HDMI:** Connect your laptop, gaming console, or other HDMI-enabled devices using the provided HDMI cable.
- **Wi-Fi 6:** Connect to your home network for online streaming and screen mirroring from compatible devices (iOS, Android, Windows).
- **Bluetooth 5.2:** Connect to external Bluetooth speakers or headphones for enhanced audio. *Note: Bluetooth can only be used with sound devices, not for smartphones.*
- **USB:** Insert a USB drive to play media files directly.



Figure 2: Rear view of the projector displaying power, USB, HDMI, and audio ports for various connections.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Projection Angle and Focus

The projector features a 270° rotatable design and auto horizontal correction for flexible placement and optimal viewing.

- **270° Rotatable Design:** Manually adjust the projector's angle to project onto walls, ceilings, or any desired surface.
- **Auto Horizontal Correction:** The projector automatically corrects horizontal keystone distortion to ensure a perfectly rectangular image.
- **Manual Focus:** Use the focus ring on the projector to sharpen the image if it appears blurry.

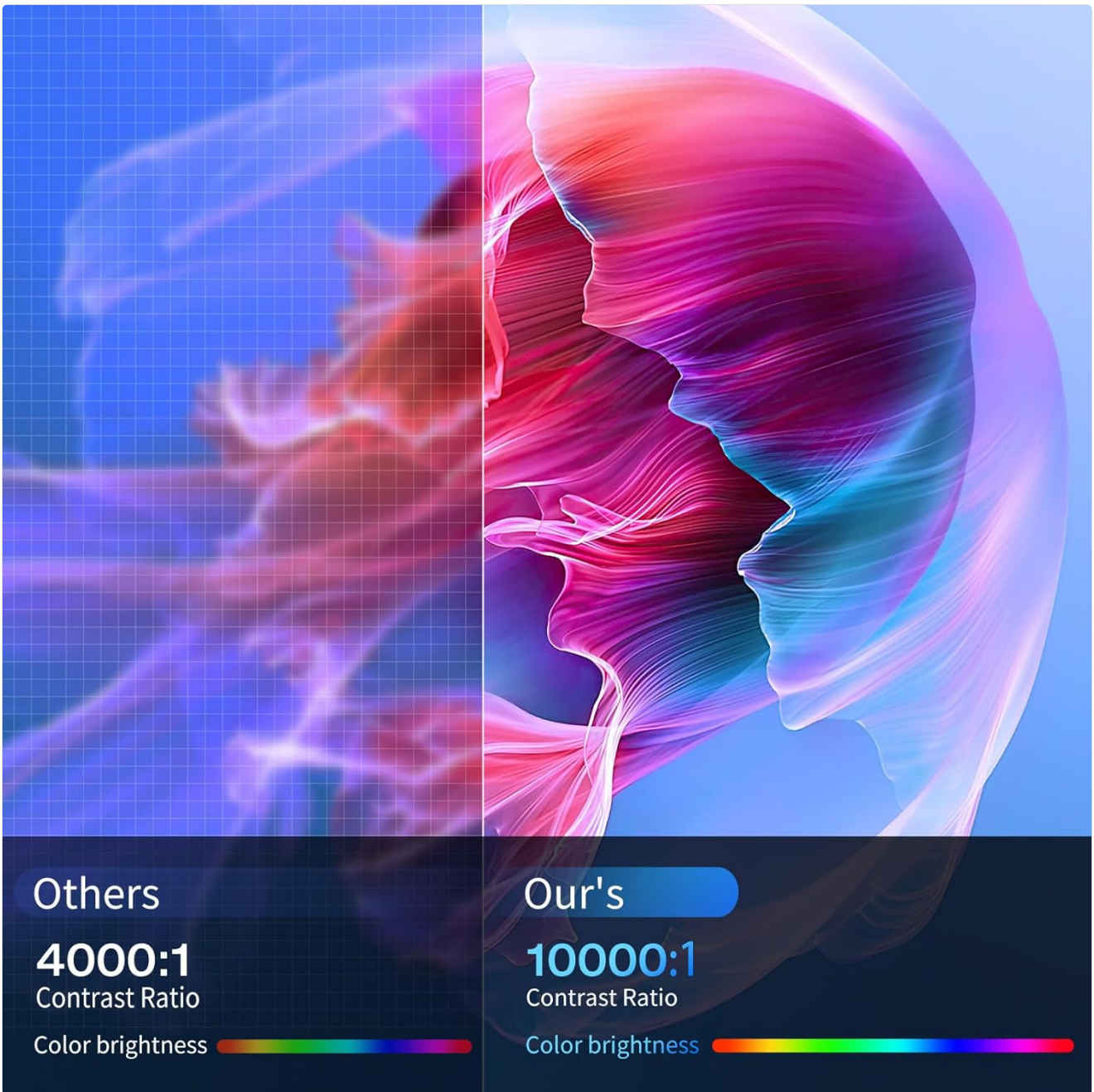


Figure 3: Illustration of the projector's auto keystone correction feature, ensuring a perfectly rectangular image from various angles.

Brilliant 4K Clarity

Full-format decoding including 4K@30fps
and 1080p/60fps decoding and so on

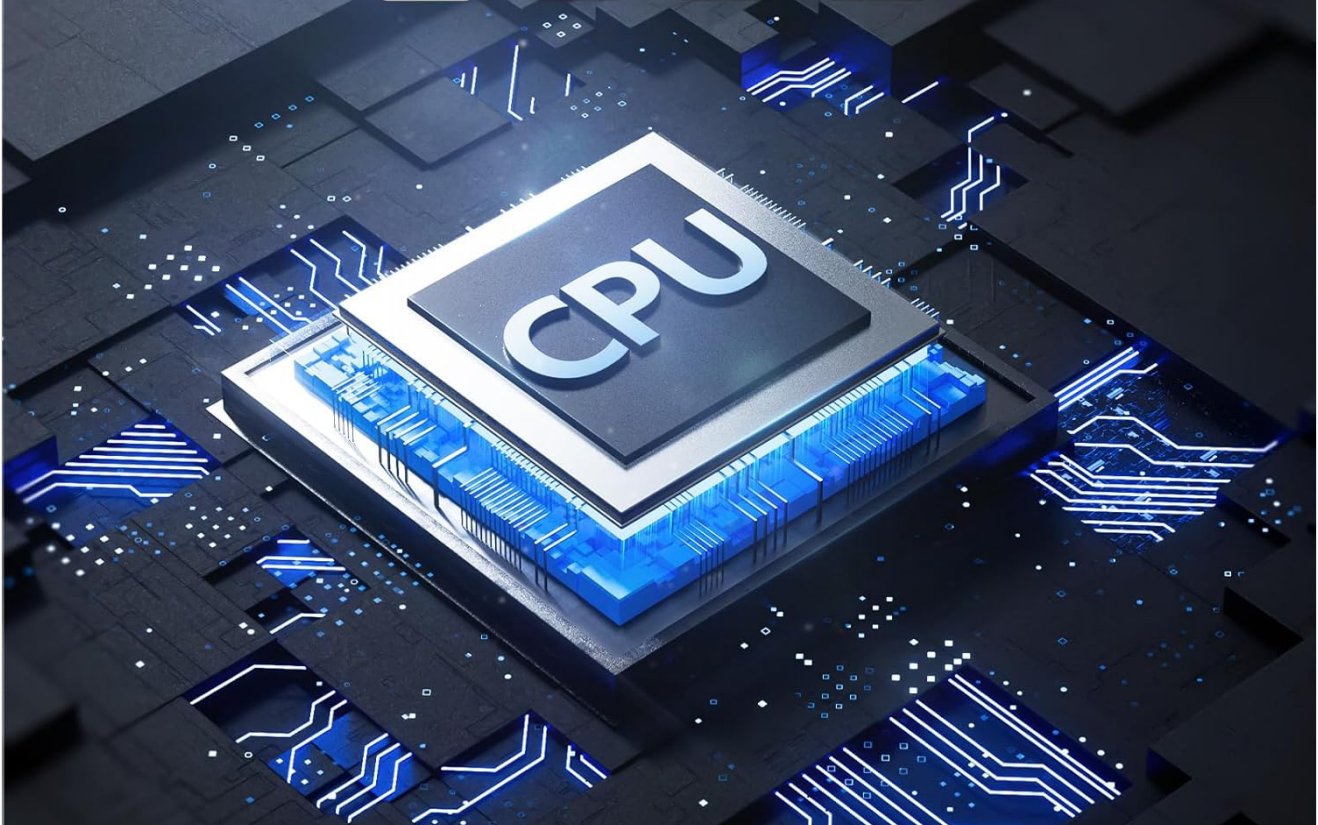


Figure 4: The projector's 180-degree rotation capability, allowing projection onto a ceiling for comfortable viewing while lying down.

4.2 Wireless Connectivity (Wi-Fi & Bluetooth)

- **Wi-Fi 6:** Navigate to the projector's settings menu, select "Network," and connect to your desired Wi-Fi 6 network. This enables faster wireless speed, wider range, and smoother transmission for streaming content from iOS, Android, and Windows systems.
- **Bluetooth 5.2:** In the settings menu, select "Bluetooth" to pair with compatible audio devices like soundbars or headphones.



Figure 5: Visual representation of the projector's dual-band Wi-Fi 6 connection, highlighting its faster and smoother wireless capabilities for various devices.



Figure 6: The projector connected via Bluetooth 5.2 to a soundbar, illustrating its audio output capabilities. Note that Bluetooth is for audio devices only.

4.3 Optimizing Viewing Experience

- For best results, use the projector in a dark environment.
- Adjust the projection distance to achieve your desired screen size (50 to 100 inches).
- Utilize the high contrast ratio (10,000:1) for vivid colors and sharp details.



Figure 7: A family enjoying a home theater experience with the ARTSEA Mini Projector, demonstrating its suitability for entertainment.



Figure 8: Collage showing diverse applications of the projector, including outdoor movies, bedroom viewing, gaming, and as a gift, highlighting its versatility.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ARTSEA Mini Projector.

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the projector's ventilation openings are not blocked to prevent overheating. Keep it in a well-ventilated area during operation.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and excessive dust.
- **Power Off Properly:** Always turn off the projector using the power button and allow it to cool down before

unplugging or moving.



Figure 9: Diagram illustrating the projector's strong cooling system, designed for quiet operation and extended longevity by efficiently dissipating heat.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image or blurry image	Incorrect focus, wrong input source, keystone not adjusted.	Adjust the focus ring. Ensure the correct input source (HDMI, Wi-Fi) is selected. Check auto horizontal correction.
No sound	Volume too low, external audio device not connected, incorrect audio output setting.	Increase projector volume. Ensure Bluetooth speaker is paired or HDMI audio is enabled.
Projector gets hot	Blocked ventilation, prolonged use in high ambient temperature.	Ensure vents are clear. Operate in a well-ventilated area. Allow cool-down periods.
Cannot screen mirror phone	Network issues, device incompatibility, software glitch.	Ensure both devices are on the same Wi-Fi network. Restart both devices. Check for firmware updates on the projector. Some phone models may have specific mirroring requirements.
Remote control unresponsive	Low batteries, obstructed signal, remote not paired.	Replace batteries. Ensure no obstacles between remote and projector. Re-pair remote if necessary (refer to quick start guide).

7. SPECIFICATIONS

Feature	Detail
Brand	ARTSEA
Model Number	PRJW108
Display Resolution	1280 x 720 (Supports 1080P HD and 4K decoding)
Connectivity Technology	Wi-Fi 6, Bluetooth 5.2, HDMI, USB
Special Feature	Built-In Speaker, Auto Horizontal Correction, 270° Rotatable Design
Recommended Uses	Home Cinema, Outdoor Movies
Contrast Ratio	10,000:1
Projection Size	50 to 100 inches
Visible Screen Diagonal	100" / 254 cm
Item Weight	1.61 pounds
Package Dimensions	7.95 x 5.31 x 4.69 inches
Date First Available	May 9, 2024