

[Manuals.plus](#) /

› [Sovboi](#) /

› Sovboi VB2 Projector User Manual

Sovboi VB2

Sovboi VB2 Projector User Manual

Model: VB2

Outdoor Projector 4K Supported 5G WiFi Bluetooth

1. PRODUCT OVERVIEW

The Sovboi VB2 Projector is a versatile and portable projector designed for various uses, from home theater to outdoor movie nights. It features Native 1080P resolution with 4K support, 5G WiFi, Bluetooth 5.2, and a self-developed Soi-Smart operating system for a personalized user experience.



Image 1.1: The Sovboi VB2 Projector showcasing its key features including 4K support, 5G WiFi, 50% zoom capability, and 4-point keystone correction.

2. PACKAGE CONTENTS

Ensure all items listed below are present in your package:

- 1 x Sovboi VB2 1080P Projector
- 1 x Carrying Backpack
- 1 x Remote Control (*Battery NOT Included*)
- 1 x Power Cable
- 1 x HDMI Cable
- 1 x 3-in-1 AV Cable
- 1 x User Manual
- 1 x Cleaning Set

3. PRODUCT FEATURES

3.1 Display and Performance

- **Native 1080P Full HD & 4K Support:** Delivers sharp, detailed images.
- **500 ANSI Lumens & 19000L Brightness:** Provides clear visibility in various lighting conditions.
- **20000:1 Contrast Ratio:** Ensures deep blacks and bright whites for a realistic image.
- **Large Screen Projection:** Supports optional screen sizes from 50" to 450".

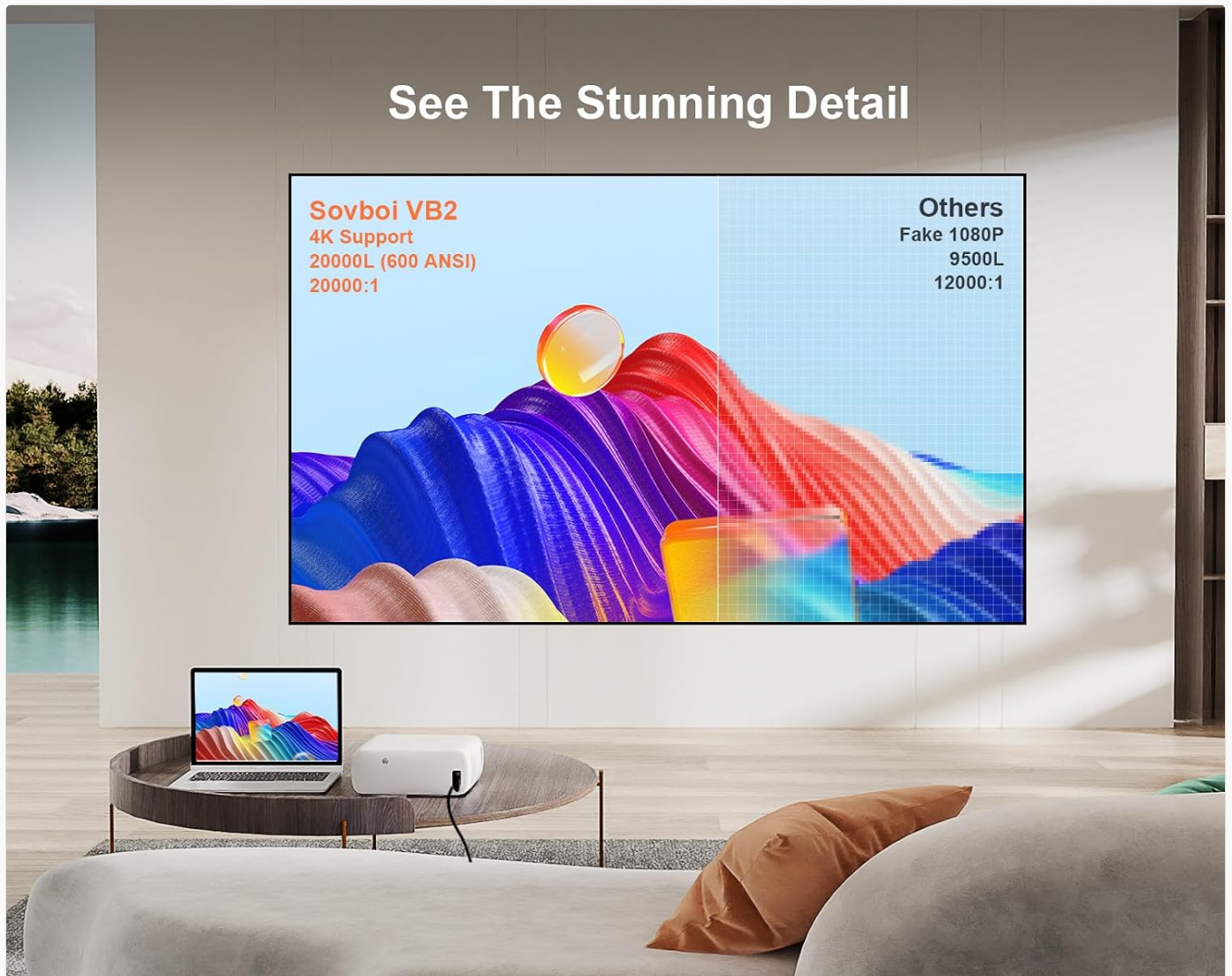


Image 3.1: Visual comparison demonstrating the superior detail and contrast of the Sovboi VB2 projector's display.

3.2 Connectivity

- **Dual-band 2.4G+5G WiFi:** Ensures stable and fast wireless screen mirroring with reduced delay.
- **Bidirectional Bluetooth 5.2:** Connects to external speakers or acts as a Bluetooth speaker for your phone.
- **Multiple Ports:** Includes 2x USB, 2x HDMI, AV, and Audio output for diverse device connections.



Image 3.2: Illustration of the projector's 2.4G and 5G dual-band WiFi capability, emphasizing faster and more stable connections.



Image 3.3: Depiction of the projector's Bluetooth 5.2 capabilities, allowing connection to audio devices or functioning as a standalone Bluetooth speaker.

3.3 Smart System and Customization

- **Soi-Smart System:** Self-developed operating system for smooth navigation.
- **Personalized Settings:** Offers 2 UI themes, 24 local wallpapers, and supports custom wallpaper imports.



Image 3.4: The Soi-Smart Pro System interface, highlighting personalized settings, dual theme interfaces, and customizable wallpapers.

3.4 Correction and Zoom

- **Digital $\pm 50^\circ$ 4D/4P Keystone Correction:** Corrects distorted images from various projection angles (front, rear, ceiling mount).
- **50% Digital Zoom Function:** Adjusts image size from 100% down to 50% via remote control without moving the projector.

Multiple Ways of Keystone Corrections & $\pm 50\%$ Digital Zoom Function 4-Point & 4D Correction, Break Through Your Horizons



Image 3.5: Visual explanation of the projector's 4D/4P keystone correction and digital zoom capabilities.

3.5 Durability and Longevity

- **Dust-sealed Optical Engine:** Prevents dust accumulation, reducing black spots and light leakage, ensuring consistent image quality.
- **Long Lamp Life:** Energy-saving LED light source with a lifespan of 120,000 hours.

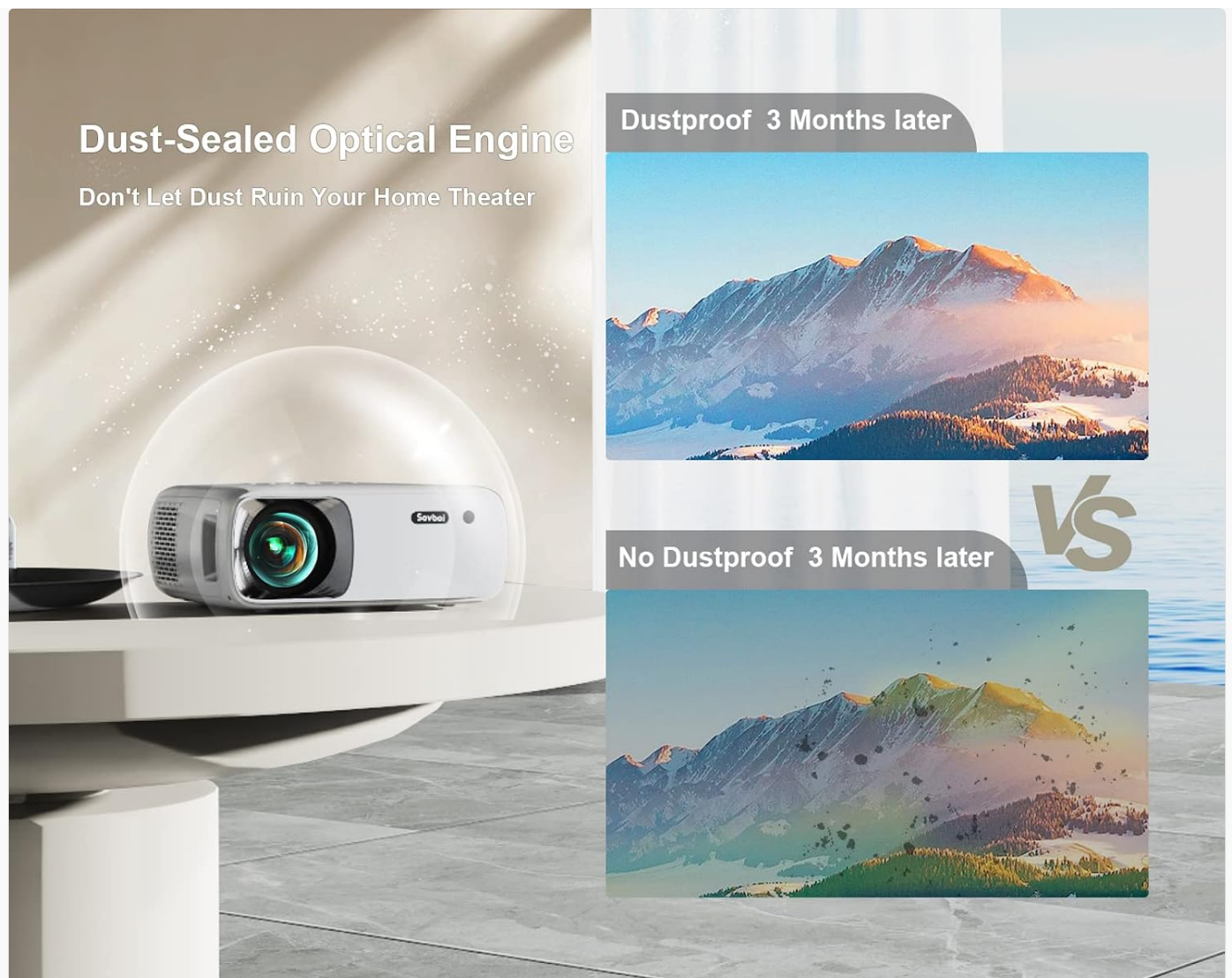


Image 3.6: Demonstration of the dust-sealed optical engine's effectiveness in maintaining image clarity over time.

4. SETUP GUIDE

4.1 Unpacking

Carefully remove all components from the packaging. Retain the original packaging for future storage or transport.

4.2 Placement

Position the projector on a stable, flat surface or mount it using a compatible ceiling or wall mount. Ensure adequate ventilation around the projector. The optimal projection distance will vary based on desired screen size. For example, approximately 8 feet for an 80-inch diagonal picture, or 10 feet for a 100-inch picture.

4.3 Power Connection

Connect the provided power cable to the projector's power input and then to a suitable power outlet (AC100-240V/50-60Hz).

4.4 Initial Power On

Press the power button on the projector or the remote control to turn on the device. The indicator light will illuminate.

4.5 Focus and Keystone Adjustment

Once powered on, adjust the focus ring on the projector lens until the image is clear. Use the digital keystone correction ($\pm 50^\circ$ 4D/4P) via the remote control to square the image if it appears trapezoidal due to projection angle. The digital zoom function (100% to 50%) can be used to adjust the image size without moving the projector.

5. OPERATION GUIDE

5.1 Navigating the Soi-Smart System

The projector features a user-friendly Soi-Smart system. Use the remote control's directional buttons and 'OK' button to navigate through menus and select options. You can customize the UI themes and wallpapers from the settings menu.

5.2 Connecting Devices

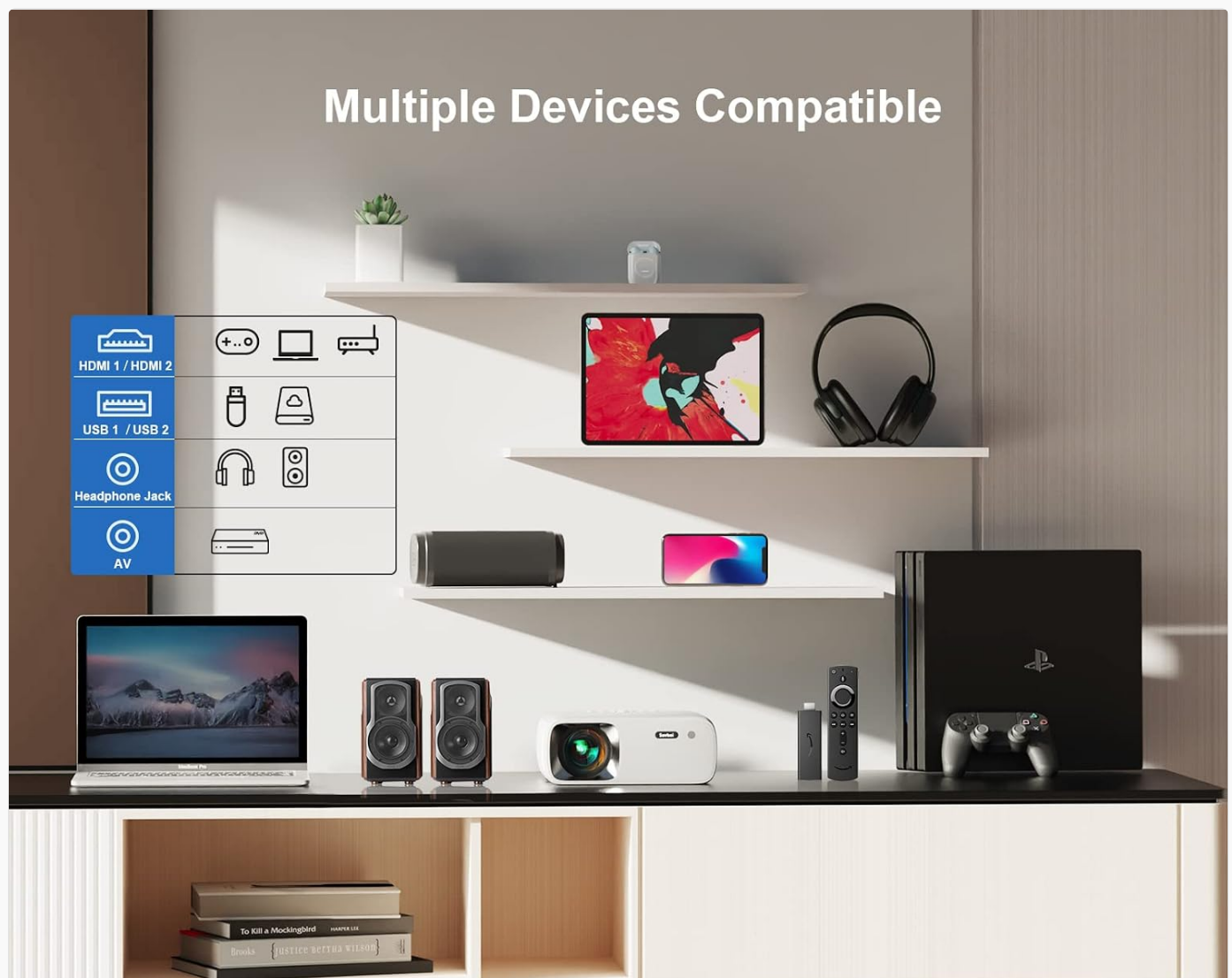


Image 5.1: Overview of the projector's multiple device compatibility via various input ports.

- **HDMI Connection:** Connect devices like laptops, TV sticks, gaming consoles (PS5, Switch), or DVD players using an HDMI cable to the HDMI 1 or HDMI 2 port. Select the corresponding HDMI input source from the projector's menu.
- **USB Connection:** Insert a USB drive into the USB 1 or USB 2 port to play media files (AVI, MKV, MP4, MOV, MPG, MPEG, FLV, SWF, VOB, 3GP, 3GPP) or display documents (Excel, Word, PDF).

- **AV Connection:** Use the provided 3-in-1 AV cable to connect older devices with AV output.
- **Audio Output:** Connect external speakers or headphones via the 3.5mm headphone jack for enhanced audio.

5.3 Wireless Connectivity

- **WiFi Screen Mirroring:** Access the WiFi settings in the Soi-Smart system. Connect to your 2.4G or 5G wireless network. Follow the on-screen instructions to mirror your smartphone (iOS/Android) or PC screen wirelessly.
- **Bluetooth Connection:** Enable Bluetooth on the projector and your desired audio device (e.g., Bluetooth speaker). Pair the devices to stream audio from the projector to the external speaker. Alternatively, enable Bluetooth receiver mode on the projector to use its built-in speakers as a standalone Bluetooth speaker for your phone.

6. MAINTENANCE

6.1 Cleaning the Lens

Gently wipe the projector lens with the provided cleaning cloth or a soft, lint-free cloth. Avoid using abrasive cleaners or excessive force, which can damage the lens coating.

6.2 Dust Prevention

The VB2 projector features a dust-sealed optical engine to minimize dust ingress. However, regular cleaning of the projector's exterior and ensuring it is used in a relatively clean environment will help maintain optimal performance and image quality over time.

7. TROUBLESHOOTING

7.1 No Image or Blurry Image

- Ensure the power cable is securely connected and the projector is turned on.
- Adjust the focus ring on the lens until the image is sharp.
- Check the input source selection to ensure it matches the connected device (e.g., HDMI 1, USB).
- Use keystone correction to adjust image shape if it appears distorted.

7.2 No Sound

- Check the volume settings on both the projector and the connected device.
- Ensure external speakers or headphones are properly connected if used.
- If using Bluetooth, ensure the projector is correctly paired with the audio device.

7.3 WiFi/Bluetooth Connectivity Issues

- Ensure the projector is within range of your WiFi router or Bluetooth device.
- Restart both the projector and the device you are trying to connect.
- Check for any interference from other wireless devices.

7.4 Fan Noise

The projector's fan operates to dissipate heat. While designed for efficient cooling, some fan noise is normal. If the noise

seems excessive, ensure the projector has adequate ventilation and is not obstructed. Placing the projector further from the audience can also help mitigate perceived fan noise.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand Name	Sovboi
Model Number	VB2
Display Technology	4" LCD TFT Display
Native Resolution	1920 x 1080P (Full HD)
Supported Resolution	4K UHD
Brightness	19000L / 500 ANSI Lumens
Contrast Ratio	20000:1
Display Color	16.7M full color
Projection Size	50" - 450"
Aspect Ratio	4:3 / 16:9
Keystone Correction	Digital ±50° 4D/4P
Zoom Function	100% - 50% Digital Zoom
Projection Mode	Front-Desktop/Rear-Desktop/Front-Ceiling/Rear-Ceiling
Lamp Type	LED Lamp
Lamp Life	120,000 Hrs
Connectivity	2x HDMI, 2x USB, AV, 3.5mm Audio Out, 2.4G+5G WiFi, Bluetooth 5.2
Built-in Speakers	Dual Surround Speakers (8W)
Power Supply	AC100-240V/50-60Hz
Product Dimensions	7 x 7 x 3 inches
Item Weight	3 pounds

9. WARRANTY AND SUPPORT

Sovboi provides a **3-year warranty** for the VB2 Projector. This includes repair services and accessory replacement at no additional cost. For any problems or inquiries, please do not hesitate to contact Sovboi customer service. Our technicians have over ten years of experience and are available for 24/7 online service to offer professional support. For support, please refer to the contact information provided in your product packaging or visit the official Sovboi website.

10. IMPORTANT NOTES

No official seller videos were found with relevant metadata for embedding in this manual.

© 2023 Sovboi. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question