

Nsyee Z12

Nsyee Z12 Portable Projector User Manual

Model: Z12

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Nsyee Z12 Portable Projector. Please read this manual thoroughly before using the product and retain it for future reference. The Nsyee Z12 projector features WiFi 6, Bluetooth 5.2, 270° rotation, autofocus, and auto keystone correction, supporting 1080P and 4K content.

2. SAFETY INFORMATION

- Do not look directly into the projector lens when the lamp is on.
- Ensure proper ventilation around the projector to prevent overheating.
- Use only the power adapter provided with the device.
- Avoid exposing the projector to water, moisture, or extreme temperatures.
- Do not attempt to disassemble or repair the projector yourself. Contact qualified service personnel.
- Keep the projector away from children and pets.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Nsyee Z12 Smart Projector
- 1x Charging Cable
- 1x User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components and interfaces of your Nsyee Z12 projector.



Figure 4.1: Front and side view of the Nsyee Z12 Portable Projector, showcasing its compact design and rotatable stand.

270° Free Rotatable Projector



Built-in Speaker



Support Multiple Devices



Portable Size

Figure 4.2: Detailed view of the projector's connectivity ports, including HDMI, USB, and 3.5mm audio output.

4.1. Projector Components

- **Projection Lens:** Emits the image.
- **Rotatable Stand:** Allows 270° adjustment of projection angle.
- **Control Panel/Buttons:** For basic navigation and settings.
- **Built-in Speaker:** Provides audio output.

4.2. Interface Ports

- **HDMI Input:** Connects to devices like TV sticks, game consoles, laptops, and PCs.
- **USB Port:** Connects to USB drives for media playback or other USB devices.
- **3.5mm Audio Output:** Connects to external headphones or speakers.
- **Power Input:** Connects to the charging cable for power supply.

5. SETUP

5.1. Power Connection

1. Connect the provided charging cable to the Power Input port on the projector.
2. Plug the other end of the charging cable into a suitable power outlet.
3. Press the power button on the projector or remote control to turn on the device.

5.2. Projector Placement

The Nsye Z12 features a 270° rotatable stand, allowing flexible placement and projection angles.



Figure 5.1: Examples of projector placement (table, tripod, ceiling mount) and corresponding projection distances for various screen sizes.

- **Table Placement:** Place the projector on a stable, flat surface. Adjust the rotatable stand to direct the image onto your desired screen or wall.
- **Tripod Installation:** The projector may have a standard tripod mount thread on its base. Secure it to a compatible

tripod (not included) for adjustable height and positioning.

- **Ceiling Mount:** For permanent installations, the projector can be mounted to the ceiling using a compatible ceiling mount (not included). Ensure the mount is securely fastened and the projector is oriented correctly.

For optimal viewing, ensure the projection surface is flat and free from obstructions. The recommended projection distance ranges from 1.35m to 6m for screen sizes between 50 and 220 inches.

6. OPERATING INSTRUCTIONS

6.1. Initial Power On and Basic Navigation

1. After connecting power, press the power button. The projector will boot up and display the main interface.
2. Use the remote control to navigate through menus and select options.
3. Follow on-screen prompts for initial setup, including language selection and network connection.

6.2. Network Connectivity (WiFi)

The Nsyee Z12 supports 2.4G and 5G dual-band WiFi for stable internet access and screen mirroring.

Versatile Connectivity

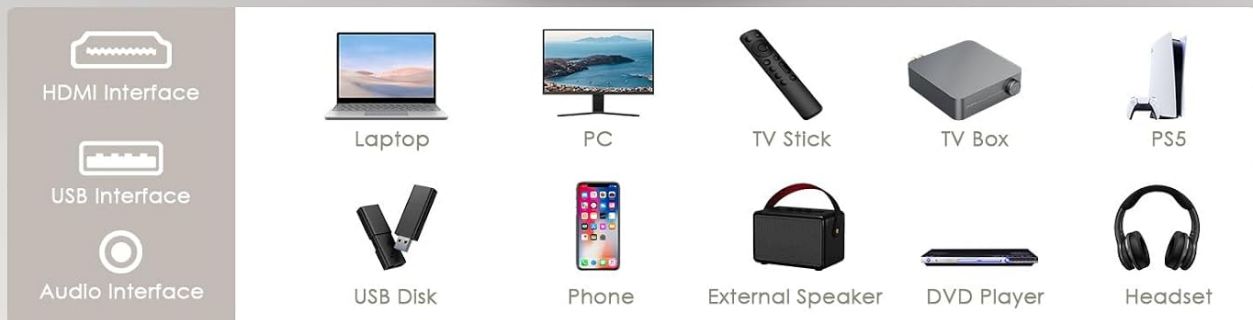


Figure 6.1: Illustration of the projector's dual-band WiFi capability and compatibility with various operating systems for screen mirroring.

1. Go to the "Settings" menu on the projector.
2. Select "Network" or "WiFi Settings".
3. Choose your desired WiFi network from the list and enter the password.
4. Once connected, the projector will have internet access for streaming apps and updates.

6.3. Bluetooth Connection

Connect external Bluetooth speakers or headphones for enhanced audio experience.

1. Go to the "Settings" menu.
2. Select "Bluetooth Settings".
3. Turn on Bluetooth and search for available devices.
4. Select your Bluetooth audio device from the list to pair.

6.4. External Device Connectivity (HDMI, USB)

Versatile Connectivity

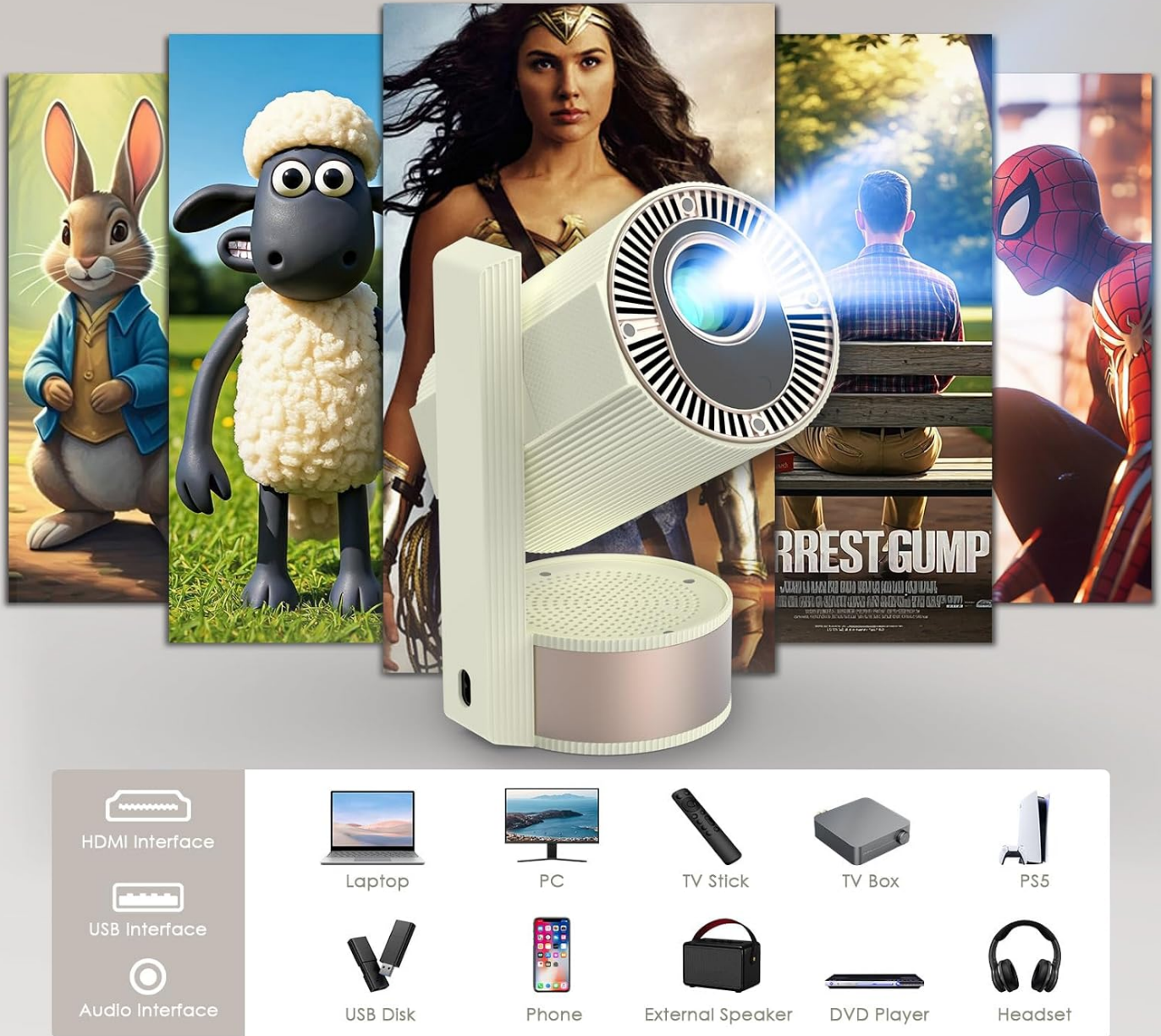


Figure 6.2: Overview of the projector's versatile connectivity, illustrating how to connect various external devices.

- **HDMI:** Connect your TV Stick, game console, laptop, or PC to the HDMI input port. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB flash drive into the USB port to play media files directly. Navigate to the media player application on the projector to browse and play content.
- **3.5mm Audio Jack:** Connect wired headphones or external speakers to this port for private listening or enhanced sound.

6.5. Screen Mirroring

The projector supports wireless screen mirroring from compatible smartphones, tablets, and laptops via WiFi.

1. Ensure your device and the projector are connected to the same WiFi network.
2. On the projector, select the "Screen Mirroring" or "Wireless Projection" option.
3. On your smartphone/tablet/laptop, activate its screen mirroring feature (e.g., Miracast, AirPlay, Smart View).
4. Select the projector from the list of available devices to establish the connection.

6.6. Autofocus and Auto Keystone Correction

The Nsyee Z12 automatically adjusts focus and corrects trapezoidal distortion for a clear, rectangular image.



Figure 6.3: Visual representation of the automatic keystone correction and autofocus functions, ensuring a sharp and properly shaped image.

- Upon startup or movement, the projector will automatically detect the projection angle and distance.
- **Autofocus:** The image will automatically sharpen. If needed, a manual focus adjustment option may be available in the settings.
- **Auto Keystone Correction:** The image will automatically adjust to a rectangular shape, even if the projector is placed at an angle.

6.7. Projection Size Adjustment

The projection size can be adjusted by changing the distance between the projector and the screen. The Nsyee Z12 supports a 50-220 inch projection size from 1.35m to 6m distance.

- Move the projector closer to the screen to decrease the image size.

- Move the projector further from the screen to increase the image size.
- Digital zoom (100-50%) may also be available in the settings for fine-tuning the image size without moving the projector.

7. MAINTENANCE

7.1. Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals.
- **Ventilation Ports:** Periodically check and gently clean the ventilation ports to ensure proper airflow and prevent dust buildup. Use a soft brush or compressed air.

7.2. Storage

- When not in use for extended periods, store the projector in a cool, dry place.
- Protect the lens from dust and scratches by using a lens cap or storing it in its original packaging.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty; Projector off.	Ensure power cable is securely connected. Test power outlet. Press power button.
No image	Incorrect input source; Device not connected; Lens cap on.	Select correct input source (HDMI, USB). Check cable connections. Remove lens cap.
Image blurry	Out of focus; Projector too close/far; Lens dirty.	Allow autofocus to adjust or manually adjust focus. Adjust projection distance. Clean the lens.
Image distorted (not rectangular)	Keystone correction needed.	The projector has auto keystone correction. If manual adjustment is needed, check settings.
No sound	Volume too low; Muted; External audio device not connected/selected.	Increase volume. Unmute. Check external audio connections or select internal speaker.
WiFi/Bluetooth connection issues	Incorrect password; Out of range; Interference.	Verify password. Move closer to router/device. Reduce interference. Restart projector/router.

9. SPECIFICATIONS

Feature	Detail
Brand	Nsyee
Model Number	Z12

Feature	Detail
Display Resolution	1920 x 1080 (Supports 4K input)
Connectivity Technology	Wi-Fi (2.4G/5G Dual-Band, WiFi 6), Bluetooth (5.2), HDMI, USB, 3.5mm Jack
Special Features	Auto Focus, Built-In Speaker, Digital Keystone Correction, Lightweight, Portable, 270° Rotatable
Recommended Uses	Home Cinema, Business, Education
Item Weight	3.6 pounds
Package Dimensions	11 x 7.3 x 6.3 inches

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact Nsyee customer service through their official channels. Please have your model number (Z12) and purchase details ready when contacting support.

For further assistance, visit the [Nsyee Store on Amazon](#).

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

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