ZDSSY HY320

ZDSSY HY320 Smart 4K 1080P Projector User Manual

Model: HY320

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your ZDSSY HY320 Smart 4K 1080P Projector. Please read this manual thoroughly before using the projector to ensure proper function and to prevent damage.



Image 1.1: ZDSSY HY320 Smart Projector. This image displays the compact design of the projector, held in a hand, highlighting its portability.

2. Important Safety Information

To reduce the risk of electric shock, fire, or damage to the device, please observe the following safety precautions:

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not expose the projector to rain or moisture. Keep it away from water sources.
- Use only the power adapter supplied with the projector.
- Avoid looking directly into the projector lens when the lamp is on, as the bright light can cause eye strain or damage.
- Do not attempt to repair this product yourself. Refer all servicing to qualified service personnel.
- Place the projector on a stable, level surface to prevent it from falling.
- Unplug the projector during lightning storms or when unused for long periods.

3. What's in the Box

Verify that all items are present in the packaging:

- HY320 Projector
- Remote Control
- User Manual (this document)
- Power Cord

4. Setup Guide

4.1 Physical Placement

The HY320 projector features a 270° rotatable stand, allowing for flexible projection angles on walls or ceilings. Position the projector on a stable surface. For optimal viewing, ensure the projection surface is flat and clear.

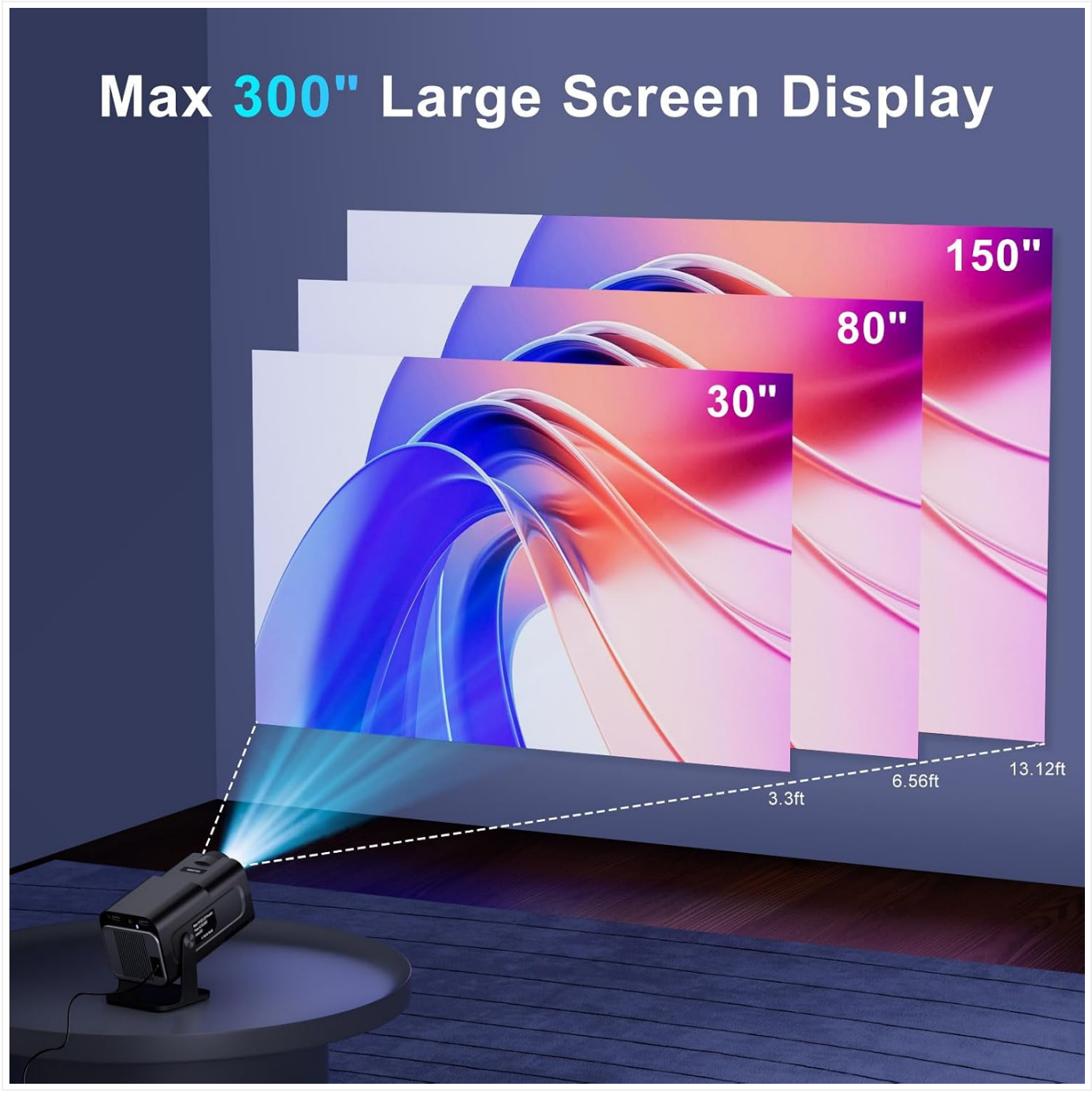


Image 4.1: Projection Distance and Screen Size. This image illustrates how different projection distances result in various screen sizes, up to 300 inches.

The projector has a 0.9:1 throw ratio, meaning it can achieve larger screen sizes from shorter distances compared to standard projectors. For example, a 6.56ft distance can produce a significant screen size.

4.2 Power Connection

1. Connect the supplied power cord to the projector's power port.
2. Plug the other end of the power cord into a suitable electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

4.3 Initial Setup and Adjustment

4.3.1 Automatic Keystone Correction

The HY320 features automatic vertical keystone correction. After powering on, the projector will automatically adjust the image to be rectangular, even if the projector is placed at an angle. This process typically takes about 3 seconds.



Image 4.2: Automatic Keystone Correction. This image shows the projector automatically adjusting a distorted image into a perfect rectangle.

4.3.2 Focus Adjustment

Adjust the focus ring on the projector lens until the image appears sharp and clear on the screen.

4.4 Connectivity

The projector offers multiple connectivity options:

- **Wi-Fi 6 (2.4G/5G Dual-Band):** For wireless internet access and screen mirroring.
- **Bluetooth 5.2:** For connecting external audio devices like speakers or headphones.
- **HDMI Port:** For connecting devices such as laptops, gaming consoles (PS4, PS5), TV boxes, etc.
- **USB Port:** For connecting USB drives to play media files.
- **3.5mm Headphone Port:** For wired audio output to headphones or external speakers.



Image 4.3: Projector Ports and Device Compatibility. This image shows the HDMI, USB, and audio jack ports, along with examples of compatible devices like phones, laptops, and gaming consoles.

5. Operating Instructions

5.1 Navigating the Android 11 OS

The HY320 projector runs on Android 11 OS, providing access to a variety of applications. Use the remote control to navigate the interface.

- **Home Screen:** Displays pre-installed apps and provides access to settings.
- **App Store:** Download additional applications for streaming, gaming, and more.
- **Settings:** Adjust network, display, audio, and system preferences.

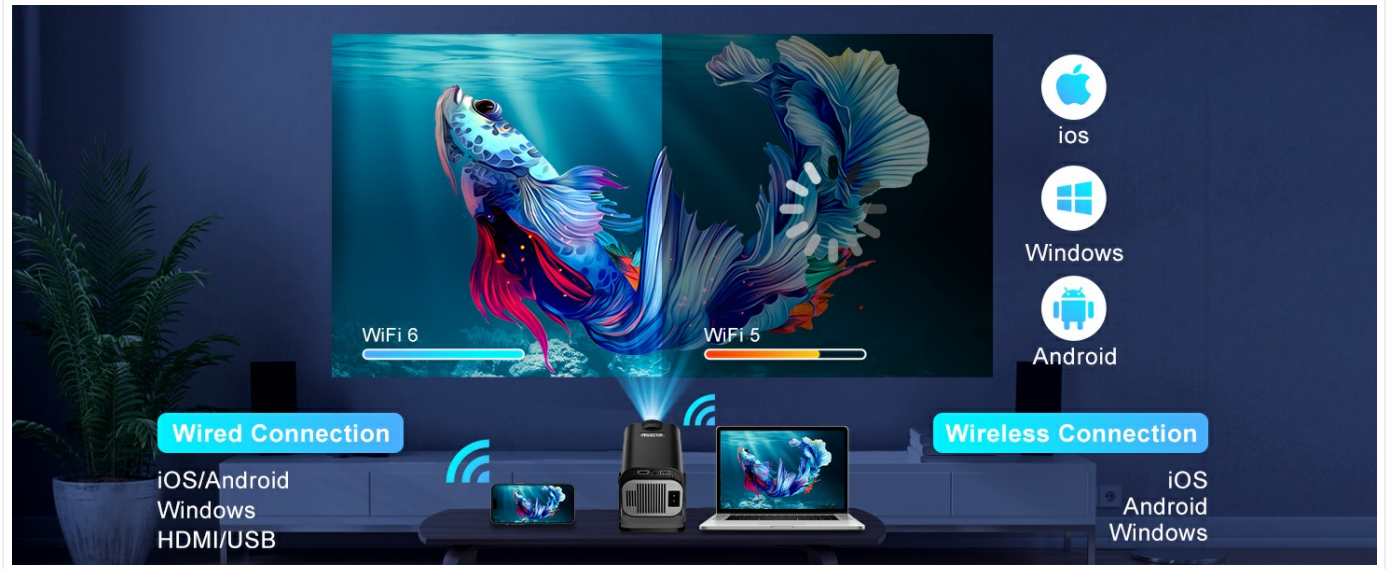


Image 5.1: Android 11 Interface. This image shows the projector's home screen with icons for popular streaming applications like YouTube, Spotify, and Netflix.

5.2 Screen Mirroring

The projector supports wireless screen mirroring from iOS, Android, and Windows devices via Wi-Fi 6.

1. Ensure both your device and the projector are connected to the same Wi-Fi network.
2. Select the screen mirroring function on the projector's interface.
3. On your mobile device or computer, activate the screen mirroring feature (e.g., AirPlay for iOS, Cast for Android, Project to a wireless display for Windows).
4. Select the projector from the list of available devices.



Image 5.2: Wireless Connectivity. This image illustrates the projector's 2.4G and 5G dual-band Wi-Fi capabilities and its ability to mirror content from iOS, Windows, and Android devices.

5.3 Audio Output

The projector has built-in speakers. For enhanced audio, you can connect external speakers or headphones:

- **Bluetooth:** Pair Bluetooth 5.2 compatible speakers or headphones through the projector's Bluetooth settings.
- **3.5mm Audio Jack:** Connect wired headphones or external speakers using a 3.5mm audio cable.

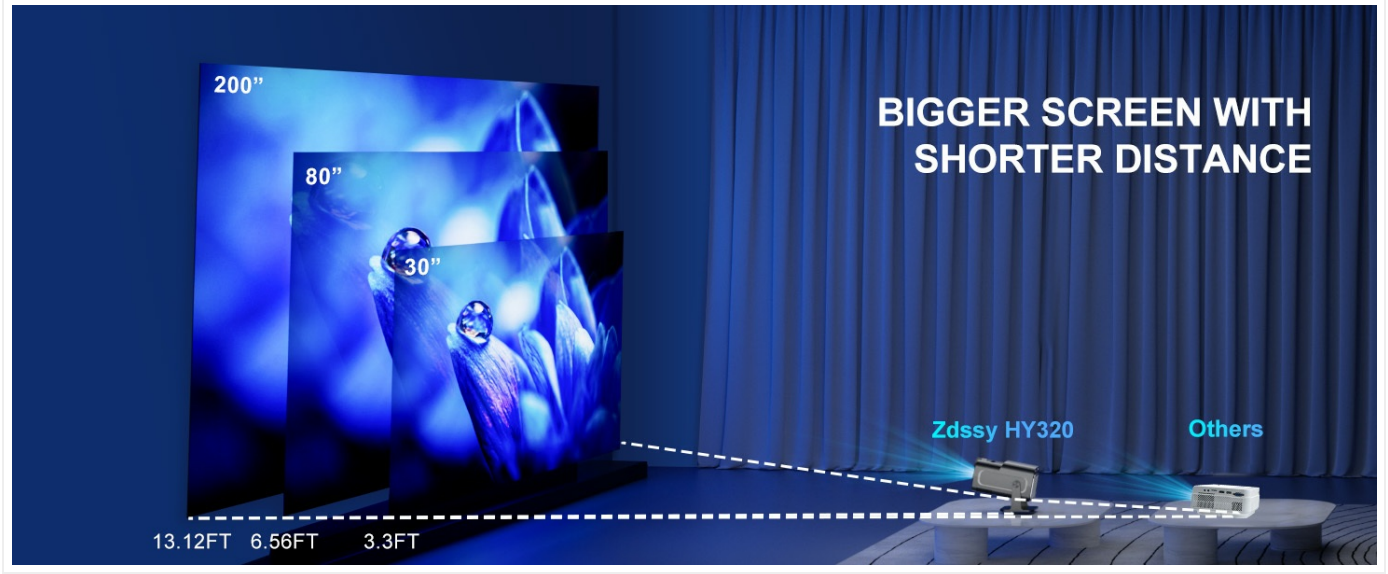


Image 5.3: Bluetooth Audio Connection. This image shows the projector wirelessly connected to multiple Bluetooth speakers for an immersive audio experience.

6. Maintenance

6.1 Cleaning the Projector

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water.
- **Ventilation:** Periodically check and gently clean the ventilation openings to prevent dust buildup, which can affect performance and lifespan.

6.2 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging or a protective case to prevent dust and physical damage.

7. Troubleshooting

Problem	Possible Cause	Solution
No image or dim image	Power cable not connected Lens cap on Input source incorrect Room too bright	Ensure power is connected and unit is on. Remove lens cap. Select the correct input source (HDMI, USB, etc.). Use in a darker environment for optimal viewing.
Image is blurry	Focus not adjusted Projector too close/far	Adjust the focus ring on the lens. Ensure the projector is within the recommended projection distance.

Problem	Possible Cause	Solution
Image is distorted (not rectangular)	Projector placed at an extreme angle Auto keystone correction not activated	The projector has auto vertical keystone. If horizontal distortion occurs, adjust the projector's physical position. Ensure the auto keystone feature is enabled in settings.
No sound or low volume	Volume too low External audio device not connected/paired Audio source issue	Increase volume on projector and source device. Ensure Bluetooth device is paired or 3.5mm cable is securely connected. Check audio settings on the source device.
Wi-Fi or Bluetooth connection issues	Out of range Interference Incorrect password	Move projector closer to the router/Bluetooth device. Ensure no other devices are causing interference. Re-enter Wi-Fi password or re-pair Bluetooth device.

8. Specifications

Feature	Detail
Brand	ZDSSY
Model Number	HY320
Display Resolution	1920 x 1080 (Full HD)
Connectivity Technology	Wireless (Wi-Fi 6, Bluetooth 5.2)
Special Features	Auto Keystone Correction, Adjustable Stand, Built-in Wi-Fi, Bluetooth, Android 11 OS
Recommended Uses	Indoor/Outdoor
Item Weight	1.57 pounds
Product Dimensions	4.2 x 4.2 x 8.7 inches
Visible Screen Diagonal	Up to 300 inches (762 cm)

9. Warranty and Support

ZDSSY is committed to providing high-quality products and customer service.

- **Return/Exchange Policy:** A 30-day return or exchange policy is typically offered. Please refer to your purchase platform for specific details.
- **Technical Support:** Lifetime technical support is available for this product.
- **Customer Service:** 24/7 professional service is provided for any inquiries or assistance.

For support, please visit the official ZDSSY store or contact customer service through your purchase channel.
ZDSSY was founded in 2016, dedicated to designing projectors with high-quality performance, using advanced materials

and technology.

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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

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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