

Salange HY320 Pro

Salange HY320 Projector User Manual

Model: HY320 Pro

1. INTRODUCTION

Thank you for purchasing the Salange HY320 Projector. This mini portable projector is designed to provide a high-quality home theater experience with its advanced features, including Full HD 1080P support for 4K content, 12,000 LUX brightness, integrated Android 11 operating system, Wi-Fi 6, Bluetooth 5.2, 1800 rotation, and automatic keystone correction. This manual will guide you through the setup, operation, and maintenance of your new projector.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the projector. Keep this manual for future reference.

- **Power Supply:** Use only the provided power adapter (US Plug) and ensure the voltage matches the projector's requirements (AC 100-260V).
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- **Liquid Exposure:** Do not expose the projector to rain, moisture, or any liquids. Avoid placing objects filled with liquids, such as vases, on the projector.
- **Cleaning:** Unplug the projector before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Placement:** Place the projector on a stable, flat surface. Avoid placing it in direct sunlight or near heat sources.
- **Eye Protection:** Do not look directly into the projector lens when the lamp is on, as the bright light can cause eye damage.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Salange HY320 Projector (without built-in battery)
- Remote Control
- Power Adapter (US Plug)
- User Manual (this document)



Image: Salange HY320 Projector with its stand, showing the lens and side vents. This image represents the main unit of the projector.

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts of your Salange HY320 Projector.

4.1 Front and Side View



Image: A detailed view of the Salange HY320 Projector, highlighting the lens, ventilation grilles, and the adjustable stand. The model name "HY320 MINI LCD Projector" and power specifications are visible on the side.

- **Projection Lens:** Emits the image.
- **Focus Ring:** Manual adjustment for image clarity.
- **Ventilation Ports:** Essential for heat dissipation. Do not obstruct.
- **Adjustable Stand:** Allows for 0-180° rotation to project at various angles (e.g., wall, ceiling).

4.2 Rear and Connectivity Ports

Correção Keystone Automática $\pm 45^\circ$



Image: The rear of the Salange HY320 Projector, displaying the various input/output ports such as HDMI, USB, and 3.5mm audio jack. This view also shows the power input.

- **HDMI Port:** Connects to devices like laptops, gaming consoles (PS4/PS5), TV sticks.
- **USB Port:** Connects to USB drives for media playback or external devices.
- **3.5mm Audio Jack:** Connects to external speakers or headphones.
- **Power Input:** Connects the power adapter.

5. SETUP

Follow these steps for initial setup of your projector.

1. Placement:

Place the projector on a stable surface. The 1800 rotatable stand allows for flexible placement, including projection onto walls, ceilings, or screens. Adjust the stand to achieve your desired projection angle.



Image: The Salange HY320 Projector demonstrating its 180-degree rotation capability, showing how it can project onto a wall or ceiling from different angles.

2. Power Connection:

Connect the provided power adapter to the projector's power input port, then plug the adapter into a power outlet.

3. Initial Power On:

Press the power button on the projector or the remote control to turn on the device. The projector will boot up and display the Android 11 home screen.

4. Focus Adjustment:

Rotate the focus ring near the lens until the projected image appears clear and sharp on the screen or wall.

5. Keystone Correction:

The HY320 features automatic keystone correction. For front projection, the image will automatically correct its shape. For side projection or further adjustments, use the remote control to access the 4D/4P keystone settings to manually adjust the four corners of the image (1450).

Correção Keystone Automática $\pm 45^\circ$



Image: A visual representation of the automatic keystone correction feature, showing how a distorted image is automatically squared and corrected by the projector.

6. Network Connection (Wi-Fi):

Navigate to the settings menu on the Android home screen. Select "Network & Internet" and connect to your Wi-Fi network. The projector supports dual-band 5G/2.4G Wi-Fi 6 for faster and smoother streaming.



Image: A user interacting with the projector, demonstrating the Wi-Fi 6 connection for faster streaming, with a visual comparison between 5G Wi-Fi and Wi-Fi 6.

6. OPERATING INSTRUCTIONS

6.1 Android 11.0 System

The projector comes with an integrated Android 11.0 system (1GB RAM + 8GB ROM), allowing you to download and use various applications directly.

- **App Store:** Access the built-in App Store to download streaming services (e.g., Prime Video, YouTube, Hulu, Netflix) and other applications.
- **Navigation:** Use the remote control to navigate through the Android interface.

Android 11 OS & 10000+ Apps



Image: A projected screen showing the Android 11 OS interface with various app icons like Netflix, YouTube, Prime Video, and Hulu, indicating the projector's smart capabilities.

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Image: The projector displaying a wide array of streaming service logos, emphasizing its compatibility with popular platforms like Netflix, Prime Video, Hulu, and YouTube.

6.2 External Device Connectivity

The projector supports various external devices via its ports and wireless connections.

- **HDMI:** Connect laptops, PCs, gaming consoles (PS4/PS5), or TV sticks using an HDMI cable. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB drive into the USB port to play media files (videos, photos, documents). The projector's media player will automatically detect the content.
- **Bluetooth 5.2:** Connect external Bluetooth speakers, headphones, or other audio devices for enhanced sound.
 - a. Go to "Settings" > "Bluetooth" on the projector.
 - b. Enable Bluetooth and search for available devices.
 - c. Select your device from the list to pair.

Ligação Bluetooth 5.2



Image: The Salange HY320 Projector positioned next to Bluetooth headphones and a Bluetooth speaker, illustrating its Bluetooth 5.2 connectivity for audio output.

- **Screen Mirroring (Wireless):**

Mirror your iOS or Android phone/tablet screen wirelessly to the projector. Ensure both devices are connected to the same Wi-Fi network. Follow the on-screen instructions for screen mirroring (e.g., AirPlay for iOS, Miracast for Android).



Image: A home cinema setup showing the projector wirelessly connected to a smartphone and a soundbar, indicating support for Windows, iOS, and Android devices.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Dust Removal:** Regularly clean the exterior of the projector with a soft, dry cloth. Use a can of compressed air to clear dust from ventilation openings, holding the can upright to prevent liquid propellant discharge.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case if available.
- **Lamp Life:** The LED lamp has a long lifespan. Avoid frequent on/off cycles to maximize lamp life.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image projected	Power cable disconnected Projector not powered on Incorrect input source selected Lens cap on	Ensure power cable is securely connected. Press the power button. Select the correct HDMI/USB input. Remove the lens cap.
Blurred image	Focus not adjusted Keystone not corrected Projector too far/close	Adjust the focus ring. Use automatic or manual keystone correction. Adjust projection distance.
No sound	Volume too low/muted Incorrect audio output selected External device audio issue	Increase volume or unmute. Check audio settings on projector and source device. Ensure external speakers/headphones are connected and working.
Wi-Fi connection issues	Incorrect password Weak signal Router issues	Re-enter Wi-Fi password. Move projector closer to router. Restart your Wi-Fi router.

9. SPECIFICATIONS

Detailed technical specifications for the Salange HY320 Projector.

Feature	Specification
Brand	Salange
Model Name	HY320 Pro
Display Technology	LCD
Brightness	12000 Lux
Contrast Ratio	10,000:1
Native Resolution	1920 x 1080 Pixels (FHD)
Supported Resolution	Up to 3840 x 2160 Pixels (4K decoding)
Operating System	Android 11.0
RAM	1 GB
ROM	8 GB

Feature	Specification
Wi-Fi	Dual-band 5G / 2.4G Wi-Fi 6
Bluetooth	Bluetooth 5.2
Connectivity	USB, HDMI, 3.5mm Audio Jack
Built-in Speaker	5W
Keystone Correction	Automatic Keystone, 4D/4P Manual (1450)
Projection Angle	0-1800 Rotatable
Noise Level	20 dB
Power Consumption	50 watts
Dimensions (L x W x H)	10.69 x 10.57 x 22 cm
Weight	910 g
Certifications	FCC CE ROHS



Image: An infographic highlighting key features of the Salange HY320 Projector, including Bluetooth 5.2, 4K support, FHD 1080P, Android 11, automatic keystone, 5W speaker, 50% zoom, Wi-Fi 6, extended lamp life, HDR10, and 12000 Lumens.

10. WARRANTY AND SUPPORT

Salange provides comprehensive support for your HY320 Projector.

- **Warranty:** The product comes with a 2-year warranty.
- **Technical Support:** Lifetime technical support is provided.
- **Contact:** If you have any questions or require assistance, please feel free to contact Salange customer service.



Image: An icon representing customer support, indicating 24-hour response, 7-day return policy, 24-month warranty, and lifetime support.

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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