Salange HY300

Salange HY300 Mini Projector User Manual

Model: HY300 | Brand: Salange

1. Introduction

Thank you for choosing the Salange HY300 Mini Projector. This smart projector offers a full HD 1080p experience with 4K video support, 8500 lumens brightness, and a 12000:1 contrast ratio. Featuring Android 11.0, 5G WiFi 6, and Bluetooth 5.0, it provides a versatile and immersive viewing experience. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new projector.



Figure 1: Salange HY300 Mini Projector

2. Setup Guide

2.1 Unboxing and Components

Carefully unpack your Salange HY300 Mini Projector. The package should contain the following items:

- Salange HY300 Projector (without built-in battery)
- Power Cable (EU Plug)
- Remote Control

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Video 1: Unboxing and initial setup of the HY300 Projector.

2.2 Placement and Power Connection

Place the projector on a stable, flat surface. The HY300 features a 180° rotatable design, allowing you to project images onto walls or ceilings for flexible viewing angles. Connect the power cable to the projector and then to a power outlet.



Figure 2: Projector's 180-degree rotation capability for versatile placement.

2.3 Focus and Keystone Correction

Adjust the focus manually using the focus ring on the projector until the image is clear. The projector supports automatic keystone correction and 4-point correction to easily fix irregular images, ensuring a perfectly rectangular display.

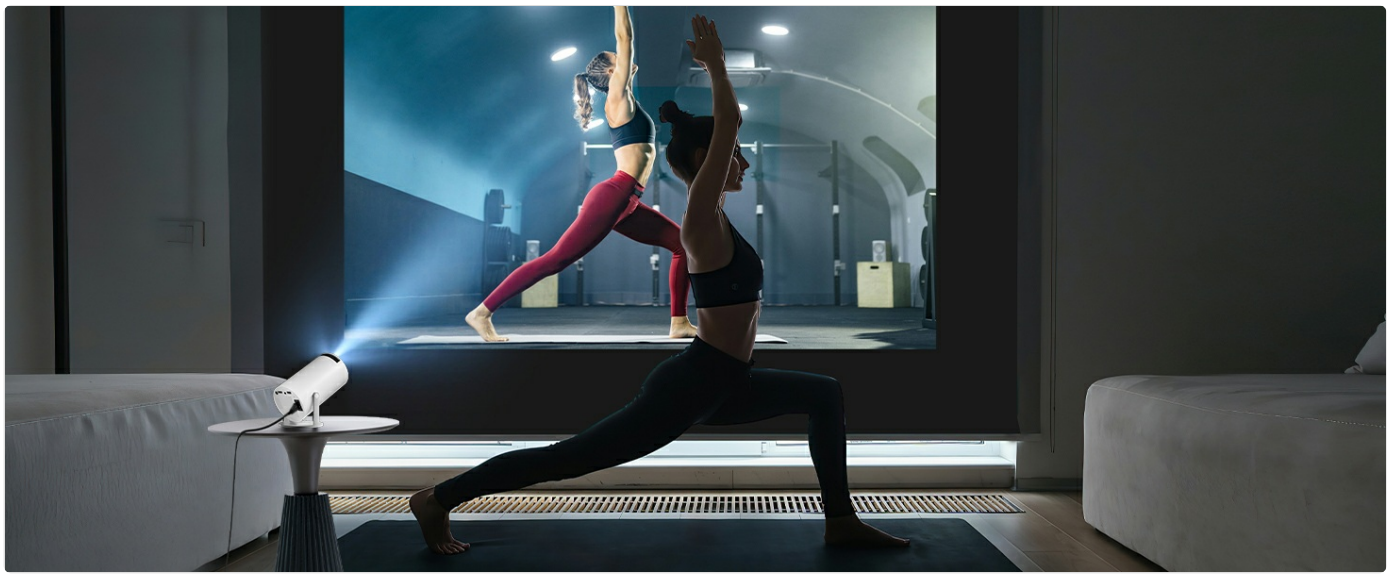


Figure 3: Manual focus adjustment ring on the projector.



Figure 4: Visual representation of automatic keystone correction.

2.4 Network and Bluetooth Connection

The projector supports 5G + 2.4G dual-band WiFi 6 for fast and stable internet connectivity. Navigate to the 'Settings' menu, select 'Network Setting' to connect to your Wi-Fi network. For audio, the built-in Bluetooth 5.0 chip allows easy connection to external soundbars, speakers, or headphones. Note: Bluetooth can only be used with audio devices, not smartphones for data transfer.



Figure 5: Diagram illustrating high-speed WiFi 6 connectivity.



Figure 6: Bluetooth 5.2 connection for external audio devices.

3. Operating Instructions

3.1 User Interface and Navigation

The Salange HY300 runs on the intelligent Android 11.0 system, providing access to over 4,000 applications via the Google Play Store. Navigate the interface using the included remote control. The intuitive layout makes it easy to find and launch your favorite streaming services, games, and other applications.



Figure 7: Android 11 operating system interface with various applications.

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Video 2: Demonstration of the Mini Projector's WiFi and Bluetooth features with Android 11.

3.2 Media Playback and Connectivity

Connect various devices via HDMI, USB, or 3.5mm audio ports. Easily connect TV sticks, gaming consoles (PS4/PS5), PCs, smartphones, laptops, and USB flash drives. The projector also supports wireless screen mirroring for Android, iOS, and Windows devices.

- **HDMI Input:** For connecting external media players, gaming consoles, or computers.
- **USB Input:** For playing media directly from USB flash drives.
- **Wireless Projection:** Use the built-in WiFiDisplay or AirPin(PRO) applications for screen mirroring from your mobile devices or computer.



Figure 8: Various connectivity options including TV-Stick, PS5, USB, and Laptop.



Figure 9: Wired (HDMI) and wireless (Windows, iOS, Android) connection methods.

3.3 Screen Adjustment

The projector supports screen zoom from 60% to 100%, allowing you to adjust the screen size without moving the projector. It also offers various projection modes (Front, Rear, Ceiling, Rear Ceiling) to adapt to different installation environments.



Figure 10: Adjustable screen size from 60% to 100%.

4. Maintenance

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

- **Cleaning:** Regularly clean the lens with a soft, lint-free cloth. For the projector body, use a dry cloth. Avoid liquid cleaners directly on the lens.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and excessive dust. Covering it can help prevent dust accumulation.
- **Software Updates:** Periodically check for system updates in the 'Settings' menu to ensure you have the latest features and performance improvements.
- **Light Source:** The LED light source has a long lifespan of up to 60,000 hours, minimizing the need for frequent replacements.

5. Troubleshooting

If you encounter any issues with your Salange HY300 projector, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Blurry Image	Incorrect focus or keystone settings.	Adjust the manual focus ring. Check automatic keystone correction in 'Projection Setting'.
No Wi-Fi Connection	Incorrect password, out of range, or Wi-Fi is off.	Ensure Wi-Fi is enabled in 'Network Setting', re-enter password, or move closer to the router.
No Sound / Low Volume	Volume too low, external audio device not connected, or incorrect audio output.	Increase volume in 'Audio Setting'. Ensure Bluetooth speaker is paired or HDMI audio is correctly configured.
Apps not working (e.g., Prime Video)	App compatibility issues or outdated app version.	Ensure the app is updated. Some apps might require specific versions or workarounds (e.g., using Aptoide as mentioned in reviews).
HDMI input looping	Compatibility issue with specific HDMI devices.	Try a different HDMI cable or device. Ensure the projector's firmware is up to date.

If the problem persists, please contact Salange customer support for further assistance.

6. Specifications

Feature	Description
Model	HY300
Native Resolution	1280 x 720 pixels
Video Support	1080p, 4K HD
Brightness	8500 Lumens
Contrast Ratio	12000:1
Operating System	Android 11.0
Wi-Fi	5G + 2.4G Dual-band WiFi 6
Bluetooth	Bluetooth 5.0
Interfaces	USB, 3.5mm Audio, HDMI
Noise Level	20 dB
Power Consumption	50 watts
Light Source Life	Up to 60,000 hours
Dimensions	10 x 10 x 17 cm
Weight	740 g

7. Warranty and Support

Salange offers a 2-year warranty for the HY300 Mini Projector. For any inquiries or support needs, Salange customer service is committed to responding within 24 hours. Please ensure your purchase is from an authorized Salange retailer to guarantee warranty and after-sales service.

- **Warranty Period:** 2 years
- **Customer Support:** Responses within 24 hours.
- **Official Store:** Verify purchase from authorized sellers like 'SalangeDirect' for valid warranty.

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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.

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