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> Amovfilm HY300 Mini Projector User Manual

## Amovfilm HY300

# Amovfilm HY300 Mini Projector User Manual

Model: HY300

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Amovfilm HY300 Mini Projector. Please read this manual thoroughly before using the product and retain it for future reference.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Connectivity:** Built-in WiFi 6 (2.4G+5GHz dual-band) and Bluetooth 5.0 for stable wireless connections.
- **Operating System:** Integrated Android 11.0 system for direct access to streaming applications like Netflix, Prime Video, and YouTube.
- **Image Correction:** Automatic vertical keystone correction and manual focus for clear display from various angles.
- **Projection Size:** Supports projection sizes from 40 to 150 inches, with an optimal distance of 1m-2m.
- **Display Quality:** LED projection technology with 8000:1 contrast ratio, supporting 1080P/4K decoding and native 720P resolution.
- **Portability & Flexibility:** Compact design with 270° vertical rotation for flexible projection onto walls or ceilings.
- **Audio:** Built-in speakers and Bluetooth 5.0 for connecting external audio devices.
- **Input Ports:** HDMI, USB, and 3.5mm audio jacks for compatibility with TV boxes, PCs, game consoles, USB drives, and mobile phones.

### 2.2 Package Contents

Verify that all items are present in the package:

- Amovfilm HY300 Mini Projector
- Power Cable
- Remote Control (*Note: HDMI and USB cables are not included*)

- User Manual (This document)

## 2.3 Projector Components



**Image 2.3.1:** Front view of the Amovfilm HY300 Mini Projector displaying a projected screen with various streaming applications. This image illustrates the projector's compact design and its smart TV capabilities.

The projector features a lens at the front, ventilation grilles, and various ports on the side/rear for connectivity. A manual focus wheel is typically located near the lens.

## 3. SETUP

### 3.1 Power Connection

1. Connect the provided power cable to the projector's power input port.
2. Plug the other end of the power cable into a suitable electrical outlet.
3. The projector will typically power on or enter standby mode, indicated by an LED light.

### 3.2 Placement and Projection

Position the projector on a stable, flat surface. The 270° vertical rotation design allows for flexible projection onto walls or ceilings.



**Image 3.2.1:** The Amovfilm HY300 Mini Projector positioned in a bedroom, projecting an image onto the ceiling. This demonstrates the 180° rotation capability for versatile viewing angles.

For optimal viewing, ensure the projection surface is smooth and light-colored. The optimal projection distance is between 1 meter and 2 meters for screen sizes ranging from 40 to 150 inches.



**Image 3.2.2:** A diagram illustrating recommended projection distances and corresponding screen sizes for the Amovfilm HY300 Mini Projector. It shows that a 1-meter distance yields a 40-inch screen, and a 1.68-meter distance yields a 66-inch screen, up to 150 inches.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

Press the power button on the projector or the remote control to turn the device on or off. A short press typically puts it into standby, while a long press initiates a full shutdown.

### 4.2 Focus Adjustment

To achieve a clear image, adjust the manual focus wheel located on the projector. Rotate the wheel until the projected image appears sharp.

8G memory 1G running built-in Android 11 system

Multimedia applications Support app store download update



**Image 4.2.1:** A close-up of the Amovfilm HY300 Mini Projector showing the manual focus scroll wheel. The image indicates that scrolling this wheel adjusts the clarity of the projected image.

### 4.3 Keystone Correction

The projector features automatic vertical keystone correction. If the image appears trapezoidal, the projector will automatically adjust it. For optimal results, ensure the projector is placed as directly as possible in front of the screen.

# Auto Vertical Keystone Manual Focus



**Image 4.3.1:** An illustration showing the Amovfilm HY300 Mini Projector's automatic vertical keystone correction feature. The image depicts a tilted projection being automatically squared for a perfect display.

## 4.4 Connectivity (Wi-Fi, Bluetooth, HDMI, USB)

### 4.4.1 Wi-Fi Connection

The projector supports Wi-Fi 6 and dual-band (2.4G+5GHz) Wi-Fi. To connect:

1. Navigate to the Wi-Fi settings in the Android 11.0 system menu.
2. Select your desired network and enter the password.
3. Once connected, you can access online streaming services and screen mirroring features.

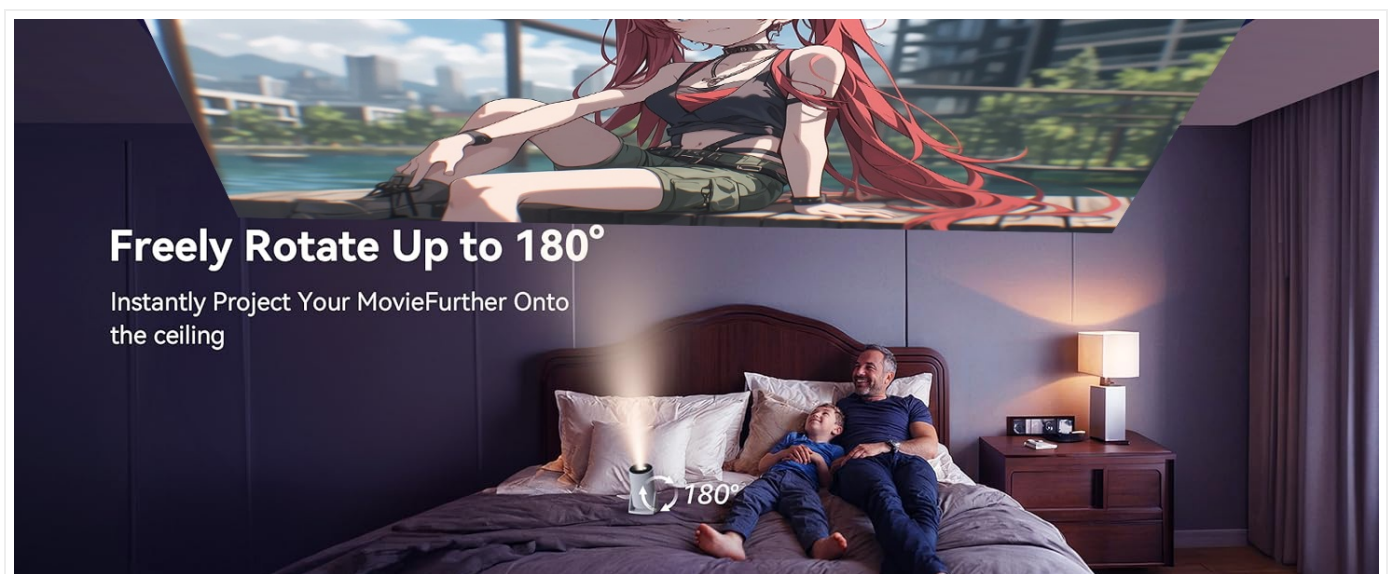


**Image 4.4.1:** An image highlighting the projector's WiFi 6 dual-band capability, showing a faster and more stable wireless connection compared to older WiFi standards. This enables smooth streaming and screen mirroring.

#### 4.4.2 Bluetooth Connection

The projector has built-in Bluetooth 5.0 for connecting external audio devices.

1. Go to Bluetooth settings in the Android 11.0 system.
2. Enable Bluetooth and search for available devices.
3. Select your Bluetooth headphones or speaker to pair.



**Image 4.4.2:** A user wirelessly connecting their phone to the Amovfilm HY300 Mini Projector, which is then connected to an external Bluetooth speaker. This illustrates the projector's Bluetooth connectivity for enhanced audio.

#### 4.4.3 HDMI and USB Connections

Use the HDMI and USB ports to connect various devices:

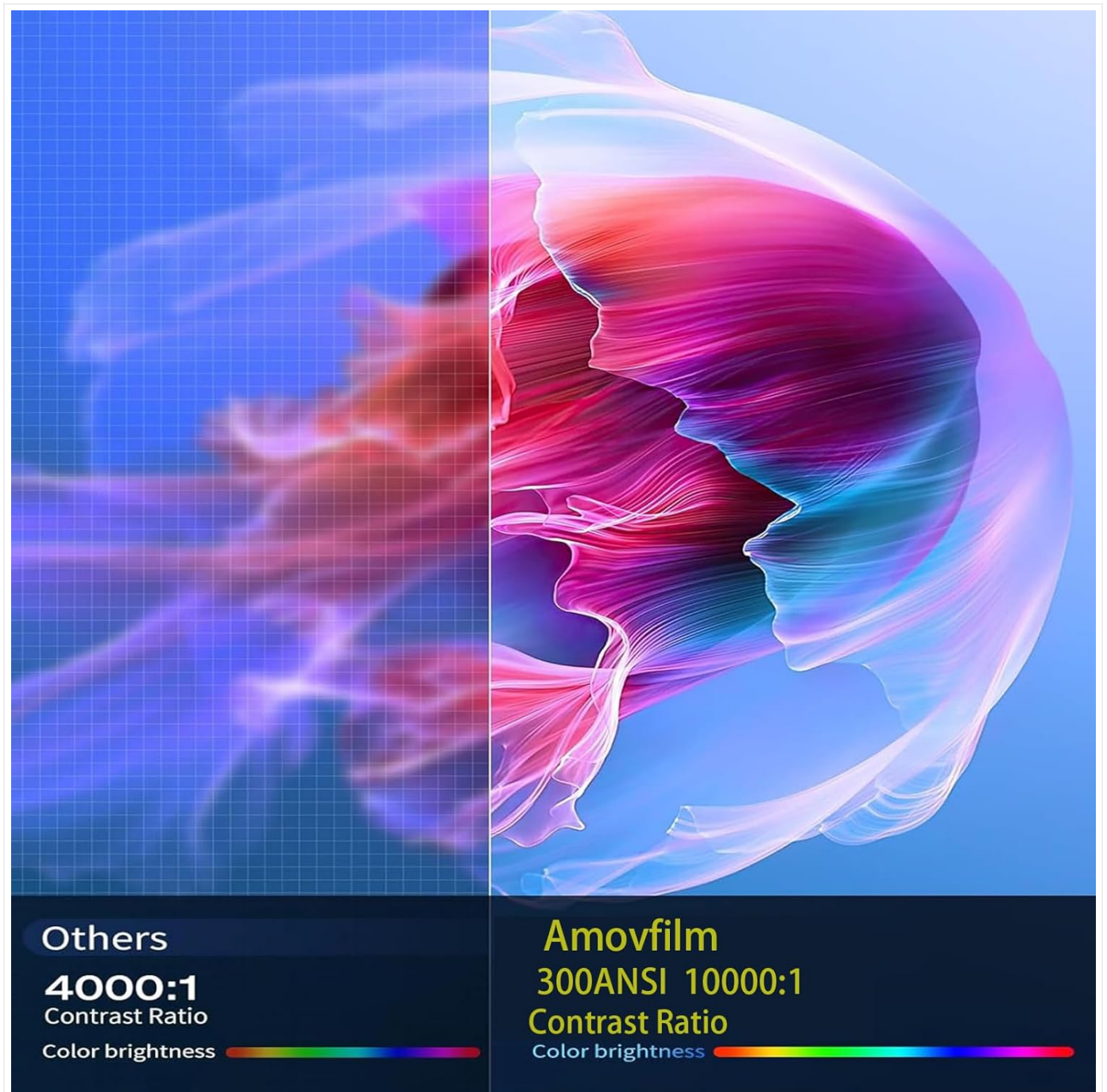
- **HDMI:** Connect TV boxes, PCs, game consoles, or laptops.
- **USB:** Connect USB flash drives for media playback.
- **3.5mm Audio Jack:** Connect wired headphones or external speakers.

#### 4.5 Screen Mirroring

To mirror your phone's screen, ensure both the projector and your phone are connected to the same Wi-Fi network. Download a screen mirroring application like "TV Casting" on your phone if required.

## 4.6 Android 11.0 System

The integrated Android 11.0 system allows direct access to a variety of applications. You can download and update apps from the app store, including popular streaming services.



**Image 4.6.1:** The Amovfilm HY300 Mini Projector displaying its Android 11 interface, showing various multimedia applications and an app store for downloads and updates. This highlights the projector's smart capabilities.

## 5. MAINTENANCE

### 5.1 Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Avoid using abrasive cleaners or excessive force, as this can scratch the lens.

## 5.2 Cleaning the Exterior

Wipe the exterior of the projector with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Ensure no liquid enters the device.

## 5.3 Ventilation

Ensure the projector's ventilation openings are clear and unobstructed to prevent overheating. Do not place the projector on soft surfaces that may block airflow.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable not connected properly; Power outlet faulty.	Check power cable connection; Try a different power outlet.
No Image	Input source not selected; Device not connected; Lens cap on.	Select correct input source (HDMI, USB); Ensure device is connected and powered on; Remove lens cap.
Blurry Image	Focus not adjusted; Projector too far/close; Keystone issue.	Adjust manual focus wheel; Adjust projection distance; Allow auto keystone to correct or reposition.
No Sound	Volume too low; External audio device not connected/paired; Muted.	Increase volume; Check Bluetooth connection or 3.5mm cable; Unmute the projector.
Wi-Fi Connection Issues	Incorrect password; Router too far; Network interference.	Verify Wi-Fi password; Move projector closer to router; Restart router.
Remote Control Not Working	Batteries dead; Obstruction between remote and projector.	Replace batteries; Ensure clear line of sight to the projector's IR receiver.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Amovfilm
Model Number	HY300
Item Weight	1.61 pounds
Product Dimensions	4.3 x 3.5 x 6.5 inches
Color	White
Special Features	Built-In Speaker, Built-In Wi-Fi, Short Throw
Connectivity Technology	3.5mm Jack, Bluetooth, HDMI, USB, Wi-Fi
Display Resolution (Native)	1280 x 720 (720P)
Display Resolution (Maximum Supported)	1080P/4K decoding

Feature	Detail
Contrast Ratio	Up to 8000:1
Operating System	Android 11.0
Wi-Fi Standard	Wi-Fi 6 (2.4G+5GHz dual-band)
Bluetooth Standard	Bluetooth 5.0
Projection Size	40-150 inches
Optimal Projection Distance	1m-2m

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official Amovfilm website. Keep your purchase receipt as proof of purchase for warranty claims.

Additional protection plans may be available for purchase. Please check with your retailer for details.

