

CY404

CY404 Portable Smart Projector User Manual

Model: CY404 | Brand: Generic

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Generic CY404 Portable Smart Projector. Please read this manual thoroughly before using the projector and retain it for future reference. This projector is designed for home theater and entertainment, offering a versatile viewing experience with its Android 9.0 system and built-in Wi-Fi.

SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the projector or injury to yourself.

- **Do not look directly into the lens** when the projector is operating, as the bright light can cause eye damage.
- Ensure proper ventilation around the projector. Do not block ventilation openings.
- Use only the power cord supplied with the projector.
- Do not expose the projector to rain, moisture, or extreme temperatures.
- Avoid placing the projector on unstable surfaces.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.

PACKAGE CONTENTS

Verify that all items are present in the package:

- CY404 Projector Unit

- Instructions Manual
- Power Cord
- Remote Control
- HDMI Cable

PRODUCT OVERVIEW

The CY404 projector is a compact and portable device designed for ease of use and versatility. It features a robust LED light source and an intuitive Android 9.0 operating system.



Figure 1: Front View. This image displays the front of the CY404 projector, highlighting the main projection lens and the cautionary text: "CAUTION Do not look into the lens."



Figure 2: Multi-Angle View. This composite image shows various angles of the projector, including the top control panel with navigation buttons, and a side view revealing the input/output ports.

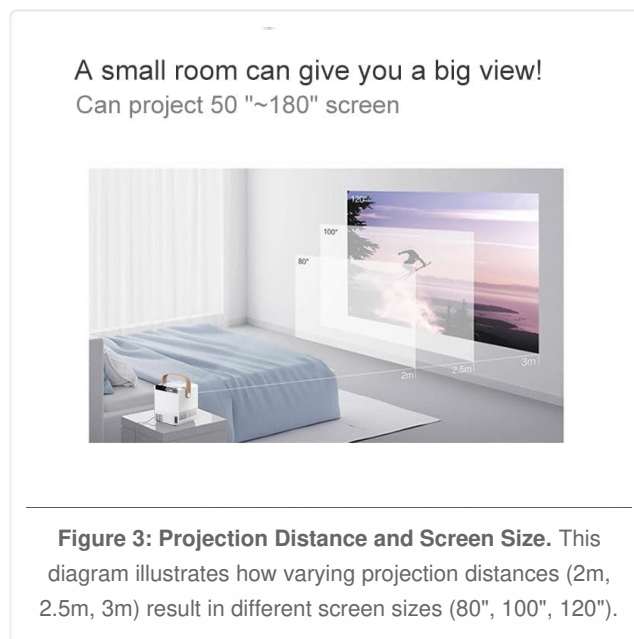
Ports and Controls

- **HDMI Port:** Connect external devices such as laptops, gaming consoles, or Blu-ray players.
- **USB Ports (x2):** Connect USB drives for media playback or external peripherals.
- **AV Port:** For connecting older analog devices.
- **Audio (3.5 mm) Jack:** For connecting external speakers or headphones.
- **Power Input:** Connect the supplied power cord.
- **Top Panel Controls:** Includes power, navigation, and input selection buttons.

SETUP

1. Placement

Position the projector on a stable, flat surface or mount it using a compatible wall mount. Ensure there are no obstructions in front of the lens. The optimal projection distance ranges from 1.2 to 4 meters, yielding a screen size of 50 to 180 inches.



2. Power Connection

Connect the supplied power cord to the projector's power input port and then plug it into a standard electrical outlet (110V-240V, 50-60Hz).

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 9.0 home screen.

4. Focus and Keystone Correction

Adjust the focus manually or use the electric focusing feature (if available on your model) until the projected image is clear. The projector supports $V_{\pm 15^{\circ}}$ trapezoidal correction to adjust for distorted images when the projector is not perfectly perpendicular to the screen.



Figure 4: Keystone Correction. This image demonstrates how the projector's keystone correction feature can automatically or manually adjust a distorted trapezoidal image into a perfectly rectangular one.

5. Network Connection

Navigate to the settings menu on the projector's Android interface. Select "Wi-Fi" and connect to your desired 2.4GHz or 5GHz wireless network. This enables access to online streaming services and applications.

OPERATING INSTRUCTIONS

User Interface Navigation

The projector runs on Android 9.0, providing a familiar and user-friendly interface. Use the remote control or the top panel buttons to navigate through menus, select applications, and adjust settings.



Figure 5: Android 9.0 OS Interface. This image shows the home screen of the projector's Android 9.0 operating system,

featuring various application icons such as Netflix, YouTube, and Prime Video.

Connecting External Devices

- **HDMI:** Connect an HDMI cable from your device (e.g., laptop, game console) to the projector's HDMI port. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB flash drive into one of the USB ports. The projector's media player will typically detect the drive, allowing you to browse and play media files.
- **AV:** Use an AV cable to connect older devices. Select the AV input source.

Audio Output

The projector has a built-in 5W speaker. For enhanced audio, connect external speakers or headphones to the 3.5mm audio jack.

Screen Mirroring/Casting

Utilize the built-in Wi-Fi and Android capabilities to mirror content from your smartphone or tablet. Refer to the projector's on-screen instructions for specific casting protocols (e.g., AirPlay, Miracast).

Using Applications

With Android 9.0, you can download and use various applications directly on the projector. Access the pre-installed app store or Google Play Store (if available) to install streaming services like YouTube, Netflix, and Prime Video, or other productivity and entertainment apps.

MAINTENANCE

Cleaning

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

Lamp Care

The projector uses an LED light source with a life expectancy of approximately 30,000 hours. No lamp replacement is typically required during the product's lifespan under normal usage conditions.

TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image projected	Power not connected; Input source incorrect; Lens cap on.	Check power connection; Select correct input source (HDMI, USB, AV); Remove lens cap.
Image is blurry	Focus not adjusted; Projector too close/far from screen.	Adjust focus ring/electric focus; Adjust projection distance.
Image is distorted (trapezoid)	Projector not perpendicular to screen.	Adjust keystone correction (V+/-15°).
No sound	Volume too low; External audio device not connected; Muted.	Increase volume; Check external audio connections; Unmute.
Wi-Fi connection issues	Incorrect password; Router issues; Signal interference.	Verify password; Restart router; Move projector closer to router.

SPECIFICATIONS

Feature	Description
Model	CY404
Projection Technology	3.54" LCD
Lamp Type	LED
LED Light Source Brightness	120 ANSI Lumens
Native Resolution	1024x720P
System	Android 9
Wi-Fi	2.4G+5G+BT (Dual-band)
Contrast Ratio	1000:1
Connectors	HDMI*1, USB*2, AV, Audio (3.5 mm)
Lamp Life	30,000 hours
Aspect Ratio	4:3/16:9
Keystone Correction	V+/-15°
Lens	Manual focus/Electric focusing (optional)

Feature	Description
Projection Distance	1.2 ~ 4m
Projection Screen Size	50-180 inches
Input Voltage	110V-240V ($\pm 10\%$), 50-60Hz
Power Consumption	48W
Speakers	1*5W Speaker
Dimensions (Die size)	15.8 x 13 x 12 cm
Color	Black
Net Weight	0.9 KG
Certifications	CE, FCC, RoHS, CCC

WARRANTY INFORMATION

This Generic CY404 Projector comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact our customer service team. Refer to the contact information provided on the product packaging or the seller's website.