

## Zenwire E520h

# Zenwire E520h Projector User Manual

Model: E520h | Brand: Zenwire

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Zenwire E520h projector. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your viewing experience.

The Zenwire E520h is a Full HD 1080p projector with 4K support, featuring Android 9.0, dual-band WiFi (2.4/5 GHz), and Bluetooth 5.0 for versatile home theater entertainment.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Zenwire E520h Projector
- Remote Control (batteries not included)
- Power Cable
- HDMI Cable
- AV Cable (stereo)
- User Manual



Image 2.1: Zenwire E520h Projector and included accessories.

The image above displays the Zenwire E520h projector along with its standard accessories: a remote control, power cable, HDMI cable, and AV cable. These components are essential for setting up and operating your projector.

### 3. PRODUCT OVERVIEW

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Familiarize yourself with the various parts and connections of your Zenwire E520h projector.



Image 3.1: Multi-angle view of the Zenwire E520h Projector.

This image provides a comprehensive view of the projector from different angles, highlighting the lens, control panel, ventilation grilles, and various input/output ports located on the sides and rear of the device.



Image 3.2: Multimedia Connectivity Options.

The Zenwire E520h projector supports a wide range of multimedia devices, including streaming sticks (Roku, Fire TV, Chromecast), external audio systems, USB storage, gaming consoles (Xbox, PlayStation), mobile devices (phones, tablets), DVD players, and computers (laptops, desktops) via its various input ports.

## 4. SETUP

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## 4.1 Placement

Position the projector on a stable, flat surface. Ensure adequate ventilation around the device. The optimal projection distance ranges from 1.2 to 6 meters, allowing for screen sizes from 36 to 200 inches.



Image 4.1: Projector placement and screen size examples.

This image demonstrates how varying the distance between the projector and the screen affects the projected image size, showing examples for 45, 120, and 200-inch displays.

## 4.2 Power Connection

Connect the power cable to the projector's power input and then plug it into a suitable electrical outlet.

## 4.3 Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will boot into the Android 9.0 operating system.

## 5. OPERATING INSTRUCTIONS

### 5.1 Focus and Keystone Correction

Adjust the focus ring around the lens until the image is clear. Use the 4D keystone correction feature to adjust the image shape if the projector is not perfectly perpendicular to the screen. This can be done via the remote control or on-screen settings.

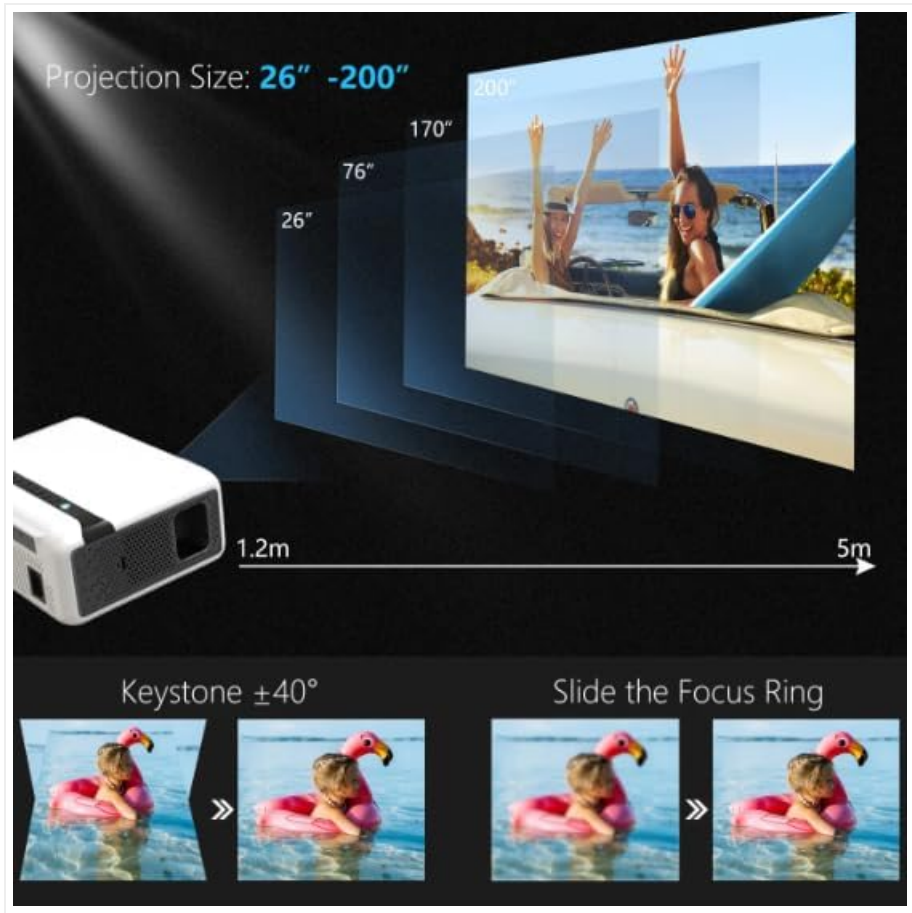


Image 5.1: Adjusting Focus and Keystone.

This image illustrates the process of adjusting the focus ring on the projector lens and demonstrates the effect of keystone correction on the projected image, ensuring a rectangular display even when the projector is angled.

### 5.2 Android 9.0 Smart System

The projector runs on Android 9.0, allowing direct access to streaming applications like YouTube, Netflix, HBO, and Spotify. Navigate the interface using the remote control.



Image 5.2: Android 9.0 Smart Interface.

The image above shows the projector's smart interface, featuring a grid of popular streaming applications, demonstrating the integrated Android 9.0 system's capability to run apps directly.

### 5.3 Wireless Connectivity (WiFi & Bluetooth)

**WiFi:** Connect to your home network using the integrated 2.4/5 GHz WiFi. This enables Miracast and Airplay for wireless screen mirroring from iOS, Android, and Windows devices.



# Upgraded WiFi Connection

Sync Easier & More Stable



iOS



Android



Windows 10

Image 5.3: Wireless Screen Mirroring via WiFi.

This image illustrates the projector's wireless connectivity, showing it mirroring content from a smartphone and tablet, and highlighting its compatibility with iOS, Android, and Windows 10 devices for screen sharing.

**Bluetooth 5.0:** Pair with external Bluetooth speakers, soundbars, or headphones for enhanced audio. Go to the settings menu to manage Bluetooth devices.

## 5.4 Wired Connectivity



The projector features multiple ports for wired connections:

- **HDMI (x2):** Connect laptops, gaming consoles, Blu-ray players, or streaming devices.
- **USB:** Play media directly from USB drives.
- **AV:** Connect older devices using the included AV cable.
- **Mini-Jack:** For external audio output.
- **Micro-SD/TF Card Reader:** For playing media from memory cards.

## 6. MAINTENANCE

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### 6.1 Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners or excessive force.



Image 6.1: Projector Lens System.

This diagram illustrates the multi-element lens system of the projector, highlighting the precision optics that require careful handling during cleaning to maintain image quality.

## 6.2 Ventilation

Ensure that the projector's ventilation openings are not blocked to prevent overheating. Regularly check for dust accumulation and clean if necessary using compressed air.

## 6.3 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and excessive dust. Use the original packaging or a protective case.

# 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected, incorrect input source, lens cap on.	Check power connection, select correct input source (HDMI, USB, etc.), remove lens cap.
Blurred image	Focus not adjusted, keystone incorrect.	Adjust the focus ring, use keystone correction.
No sound	Volume too low, incorrect audio output selected, external device muted.	Increase projector volume, check audio settings, ensure external device is not muted.
WiFi connection issues	Incorrect password, router too far, interference.	Verify WiFi password, move projector closer to router, check for other wireless devices.

# 8. SPECIFICATIONS

Feature	Detail
Model	Zenwire E520h
Native Resolution	1920 x 1080p (Full HD)
Supported Resolution	Up to 4K
Brightness	9000 lumens (300 ANSI)
Contrast Ratio	2000:1
Operating System	Android 9.0
WiFi	2.4/5 GHz (Miracast, Airplay support)
Bluetooth	5.0
Connectivity	2x HDMI, USB, AV, Mini-Jack, Micro-SD/TF
Projection Size	36 - 200 inches
Projection Distance	1.2 - 6 meters

Feature	Detail
Keystone Correction	4D (manual and auto)
Voltage	230 Volt
Dimensions (Package)	23 x 18.5 x 10.5 cm
Weight (Package)	1.2 kg

## 9. WARRANTY AND SUPPORT

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