

## XGIMI CACACOL-H3S

# XGIMI H3S DLP 3D Home 4K Projector

## USER MANUAL

### 1. Introduction

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Thank you for choosing the XGIMI H3S DLP 3D Home 4K Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

### 2. Safety Information

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Always observe the following safety precautions to avoid damage to the projector or injury to yourself.

- Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- Do not block the ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- Do not expose the projector to rain, moisture, or extreme temperatures.
- Use only the power adapter supplied with the projector.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from water and other liquids.
- Place the projector on a stable, level surface.

### 3. Package Contents

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Verify that all items are present in your package:

- XGIMI H3S Projector
- Power Adapter (x1)
- Remote Control (x1)
- AAA Batteries (x2)

<b>参数规格</b> <b>产品名称</b> 极米 H3S  <b>外观</b>		<b>接口</b> <b>输入接口</b> DC×1 HDMI 2.0×2 (其中HDMI 1支持ARC) USB 2.0×2 LAN×1 <b>输出接口</b> 3.5mm AUDIO×1 OPTICAL×1 <b>WiFi</b> 双频2.4/5G, 802.11a/b/g/n/ac <b>蓝牙</b> 蓝牙4.2/BLE 低功耗
<b>光学参数</b> <b>显示技术</b> DLP <b>显示芯片</b> 0.47" DMD <b>镜头</b> 高透光镀膜镜头 <b>投影机特性</b> 3D <b>亮度</b> 2200 ANSI流明 <b>标准分辨率</b> 1920×1080 <b>兼容分辨率</b> 2K/4K		<b>电气规格</b> <b>噪音</b> <28dB (标准模式, 1m) <b>功耗</b> <220W <b>电源</b> AC200~240V,50Hz <b>产品尺寸</b> 208.4×218.4×133.2mm <b>产品重量</b> 2.85kg <b>含包装尺寸</b> 253×242×230mm <b>含包装重量</b> 4.33kg <b>电源线</b> ×1 <b>电源适配器</b> ×1 <b>7号电池</b> ×2 <b>金属遥控器</b> ×1 <b>说明书/质保卡</b> ×1
<b>投影参数</b> <b>投射比</b> 1.2:1 <b>梯形校正</b> 全自动梯形校正±40度 <b>投影方式</b> 正装正投/正装背投/吊装正投/吊装背投		
<b>系统参数</b> <b>CPU</b> MT9669 <b>GPU</b> Mali-G52 <b>RAM</b> 4GB <b>内置存储</b> 64GB <b>操作系统</b> INUI <b>多屏互动</b> AirPlay/DLNA/极米APP/有线同屏		

Figure 3.1: XGIMI H3S Projector and its standard accessories as listed in the specifications table.

## 4. Setup

### 4.1 Projector Placement

Place the projector on a flat, stable surface or mount it according to the desired projection method (front, rear, ceiling front, ceiling rear). Ensure there is sufficient space around the projector for ventilation.



Figure 4.1: Front view of the XGIMI H3S Projector, showing the lens and Harman/Kardon speaker grille.

## 4.2 Power Connection

1. Connect the power adapter to the DC input port on the projector.
2. Plug the power adapter into a wall outlet.
3. The power indicator light will illuminate.

## 4.3 Connecting Devices

The XGIMI H3S offers various connectivity options:

- **HDMI:** Connect Blu-ray players, game consoles, or other HDMI-enabled devices to the HDMI 2.0 ports. HDMI 1 supports ARC for audio return.
- **USB:** Connect USB drives for media playback or external peripherals to the USB 2.0 ports.
- **LAN:** Connect an Ethernet cable for wired network access.
- **Audio Output:** Use the 3.5mm AUDIO or OPTICAL port to connect external speakers or sound systems.
- **Wi-Fi:** Connect to your wireless network for internet access and streaming.
- **Bluetooth:** Pair with Bluetooth audio devices like headphones or speakers.



Figure 4.2: Rear view of the XGIMI H3S Projector, highlighting the various input and output ports for connectivity.

#### 4.4 Initial Setup and Adjustment

Upon first power-on, the projector will guide you through initial setup steps, including network connection and language selection. The XGIMI H3S features advanced automatic adjustments:

- **Full Automatic Keystone Correction:** The projector automatically corrects trapezoidal distortion to ensure a rectangular image.
- **Automatic Focus:** The image will automatically adjust for optimal sharpness.
- **Intelligent Obstacle Avoidance:** The projector can detect and avoid obstacles in the projection path.
- **Automatic Screen Alignment:** The projector can automatically align the image to a detected screen.

Manual adjustments for focus and keystone are also available in the settings menu if needed.

harman/kardon 专利音响

搭配DTS Studio Sound虚拟环绕音效  
呈现出强劲低音和震撼声场



专利R环设计<sup>9</sup>



哈曼&DTS双音效



Dolby Audio DTS HD<sup>®</sup>

Figure 4.3: Visual representation of the XGIMI H3S's automatic keystone correction and focus capabilities, ensuring a perfectly rectangular and sharp image.

## 5. Operating the Projector

### 5.1 Power On/Off

- **Power On:** Press the power button on the remote control or on the projector.
- **Power Off:** Press the power button again. A confirmation prompt may appear.

### 5.2 Remote Control Navigation

Use the supplied remote control to navigate the INUI operating system. The directional pad, OK button, back button, and home button are essential for menu navigation and selection.

### 5.3 Input Source Selection

To switch between connected devices (HDMI, USB) or internal apps, access the input source menu from the home screen or by pressing the dedicated input button on the remote.

## 5.4 Picture Settings

Access the picture settings menu to adjust image quality:

- **Brightness/Contrast:** Adjust for optimal viewing conditions.
- **Color/Tint:** Fine-tune color reproduction.
- **Resolution:** The native resolution is 1920x1080, with support for 2K/4K input.
- **X-VUE 2.0 Image Engine:** This technology enhances clarity, color, and reduces noise for a superior visual experience.
- **MEMC (Motion Estimation, Motion Compensation):** Improves fluidity of fast-moving scenes, reducing motion blur.
- **HDR10+:** Provides enhanced contrast and color depth for compatible content.



Figure 5.1: The X-VUE 2.0 Image Engine enhances clarity, color accuracy, and noise reduction for an improved viewing experience.



Figure 5.2: MEMC technology in action, demonstrating smoother motion compared to content without motion compensation.

## 5.5 Audio Settings

The XGIMI H3S features integrated Harman/Kardon DTS HD Hi-Fi Stereo Speakers. Adjust volume and sound modes through the audio settings menu. You can also connect external audio systems via the 3.5mm audio jack or optical output.



Figure 5.3: The Harman/Kardon audio system provides high-fidelity stereo sound, enhanced by DTS Studio Sound virtual surround effects.

### 5.6 Smart Features (Android 9.0 INUI)

The projector runs on Android 9.0 with XGIMI's INUI interface, providing access to a wide range of apps and streaming services. Connect to Wi-Fi to utilize these features. Multi-screen interaction is supported via AirPlay, DLNA, and XGIMI APP.

## 6. Maintenance

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.
- **Cleaning the Casing:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, use a slightly damp cloth and then dry thoroughly.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris to ensure proper airflow and prevent overheating.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, protected from dust.

## 7. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty	Ensure power cable is securely connected; Try a different power outlet.
No image	Incorrect input source; Device not connected properly	Select the correct input source; Check HDMI/USB cable connections.
Blurred image	Out of focus; Projector too close/far from screen	Allow auto-focus to complete or manually adjust focus; Adjust projector distance.
Distorted image (trapezoid)	Projector not perpendicular to screen	Allow auto-keystone correction to complete or manually adjust keystone in settings.
No sound	Volume too low; Muted; Incorrect audio output selected	Increase volume; Unmute; Check audio output settings.
Remote control not working	Batteries low/dead; Obstruction; Not paired	Replace batteries; Remove obstructions; Re-pair remote if necessary.

## 8. Specifications

General	
Brand	XGIMI
Model	H3S (CACACOL-H3S)
Product Dimensions	25.3 x 24.2 x 23 cm
Product Weight	2.85 kg
Form Factor	Desktop
Mounting Type	Tabletop Mount
Optical Parameters	
Display Technology	DLP
Display Chip	0.47" DMD
Brightness	2200 ANSI Lumens
Native Resolution	1920 x 1080 (1080p)
Compatible Resolution	2K / 4K
Throw Ratio	1.2:1
Keystone Correction	Full Automatic Trapezoidal Correction $\pm 40$ degrees
Projection Method	Front, Rear, Ceiling Front, Ceiling Rear
System Parameters	

CPU	MT9669
GPU	Mali-G52
RAM	4GB DDR3 SDRAM
Storage	64GB
Operating System	INUI (based on Android 9.0)
Multi-screen Interaction	AirPlay, DLNA, XGIMI APP, Wired Screen Mirroring
<b>Connectivity</b>	
Input Ports	DC x1, HDMI 2.0 x2 (HDMI 1 supports ARC), USB 2.0 x2, LAN x1
Output Ports	3.5mm AUDIO x1, OPTICAL x1
Wi-Fi	Dual-band 2.4G/5G, 802.11a/b/g/n/ac
Bluetooth	Bluetooth 4.2/BLE
<b>Electrical &amp; Audio</b>	
Noise Level	<28dB (Standard mode, 1m)
Power Consumption	<220W
Power Source	AC200-240V, 50Hz
Audio System	Harman/Kardon DTS HD Hi-Fi Stereo Speaker

## 9. Warranty and Support

XGIMI products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or service inquiries, please visit the official XGIMI website or contact their customer service.

**Official XGIMI Website:** [www.xgimi.com](http://www.xgimi.com)