JYXOIHUB SmartBoard08

JYXOIHUB 55 Inch 4K Smart Board Instruction Manual

Model: SmartBoard08

1. Introduction

Thank you for choosing the JYXOIHUB 55 Inch 4K Smart Board. This interactive display is designed to enhance collaboration and presentation experiences in various environments, including offices, classrooms, and hybrid work settings. Featuring a 4K UHD display, dual operating systems (Android and Windows), and multi-touch capabilities, this smart board offers a versatile and intuitive platform for your interactive needs. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

2. What's in the Box

Carefully unpack your JYXOIHUB 55 Inch 4K Smart Board and verify that all components listed below are included. If any items are missing or damaged, please contact customer support.



Figure 2.1: Included Components. This image displays the 55-inch smart board along with its accessories: a wall mount bracket, magnetic pen, stylus pen, power cord, user manual, warranty card, PC antennas, Android antennas, and a remote control.

- 1x JYXOIHUB 55 Inch Smart Board
- 1x Wall Mount Bracket (suitable for 40"-80" displays)
- 1x Magnetic Pen
- 1x Stylus Pen
- 1x Power Cord
- 1x User Manual (this document)
- 1x Warranty Card
- 2x PC Antennas
- 3x Android Antennas
- 1x Remote Control

3. Product Overview

3.1 Key Features

- **4K UHD Display:** Provides clear visuals with a 170° wide viewing angle.
- **Dual OS (Android 11 + Windows 10):** Seamlessly switch between operating systems without rebooting.
- **Built-in PC:** Integrated i5 PC with 8GB RAM and 256GB SSD for Windows, and Cortex-A55 CPU with 4GB RAM and 32GB ROM for Android.
- **Multi-Touch Interaction:** Supports up to 20 points of touch for collaborative use.
- **Wireless Mirroring:** Connect up to 4 devices simultaneously via Airplay and Eshare.
- **Whiteboard & Annotation:** Digital whiteboard functionality with easy erase features and QR code content saving.
- **Open App Ecosystem:** Install and use third-party applications.
- **Integrated Audio:** Dual 8W speakers provide clear sound coverage up to 8 meters.

3.2 Front and Side Panel



Figure 3.1: Front View with Dual OS Interface. This image illustrates the smart board displaying both Windows and Android operating system interfaces, highlighting the seamless transition between them.



Figure 3.2: Side Panel Connectivity. This image details the various ports available on the side of the smart board, including USB 2.0, USB 3.0, SPDIF Out, AV-In, AV Out, Power Switch, and Power Port.

3.3 Rear Panel Connectivity



Figure 3.3: Rear Panel Connectivity. This image displays the rear ports, including antenna connections, MIC-IN, LINE-OUT, VGN, HDMI, LAN, multiple USB ports, and a Restore button.

4. Setup

4.1 Wall Mount Installation

Follow these steps to securely mount your smart board to a wall using the included bracket.

1. **Positioning and Drilling:** Determine the desired height and position for your smart board. Mark the drilling holes on the wall according to the wall mount bracket. Ensure the wall material can support the weight of the smart board.
2. **Install Hanging Board:** Securely install the hanging board component of the wall mount to the wall using appropriate screws and anchors.
3. **Install Hooks on TV:** Attach the "hook" components to the back of the smart board using the provided screws (typically M5*50 bolts).
4. **Hook TV onto Hanging Board:** Carefully lift the smart board and hook the installed hooks onto the hanging board on the wall.
5. **Lock Safety Screw:** After the smart board is securely in place, insert and tighten the safety screws to prevent accidental dislodgement.

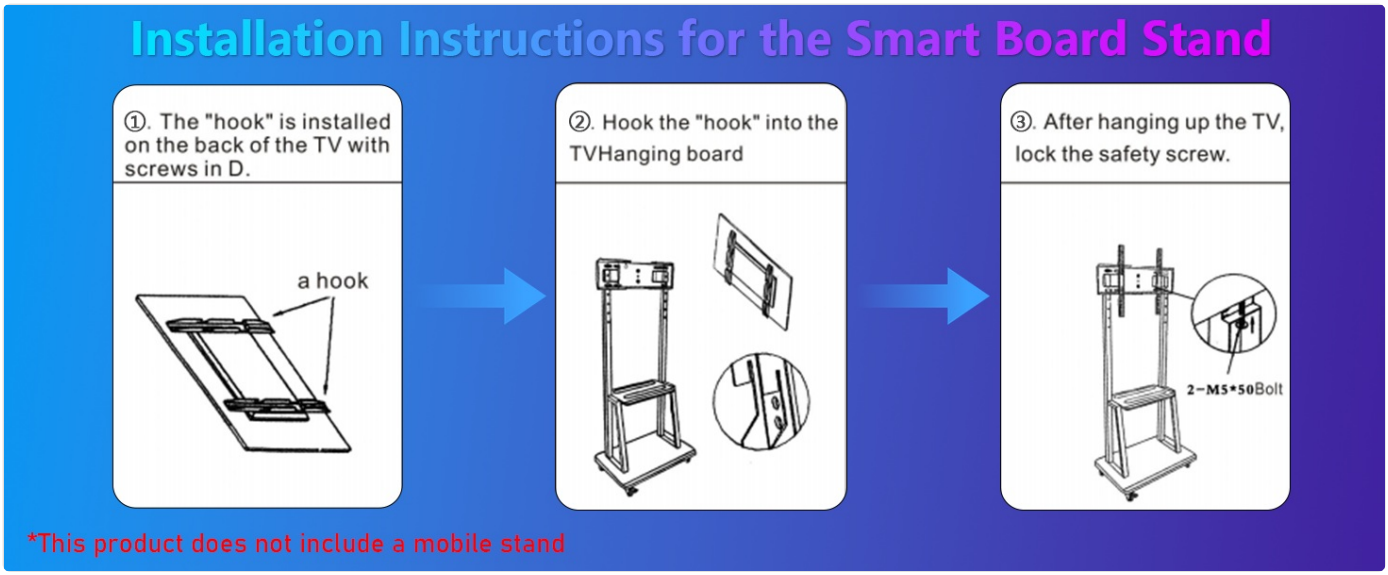


Figure 4.1: Wall Mount Installation Steps. This diagram illustrates the five steps for installing the smart board using a wall mount bracket.

4.2 Mobile Stand Installation (Stand not included)

If you are using a compatible mobile stand (sold separately), follow these general steps for installation. Refer to your stand's specific manual for detailed instructions.

1. **Install Hooks on TV:** Attach the "hook" components to the back of the smart board using the provided screws.
2. **Hook TV onto Stand's Hanging Board:** Carefully lift the smart board and hook the installed hooks onto the hanging board of the mobile stand.
3. **Lock Safety Screw:** After the smart board is securely in place, insert and tighten the safety screws to prevent accidental dislodgement.

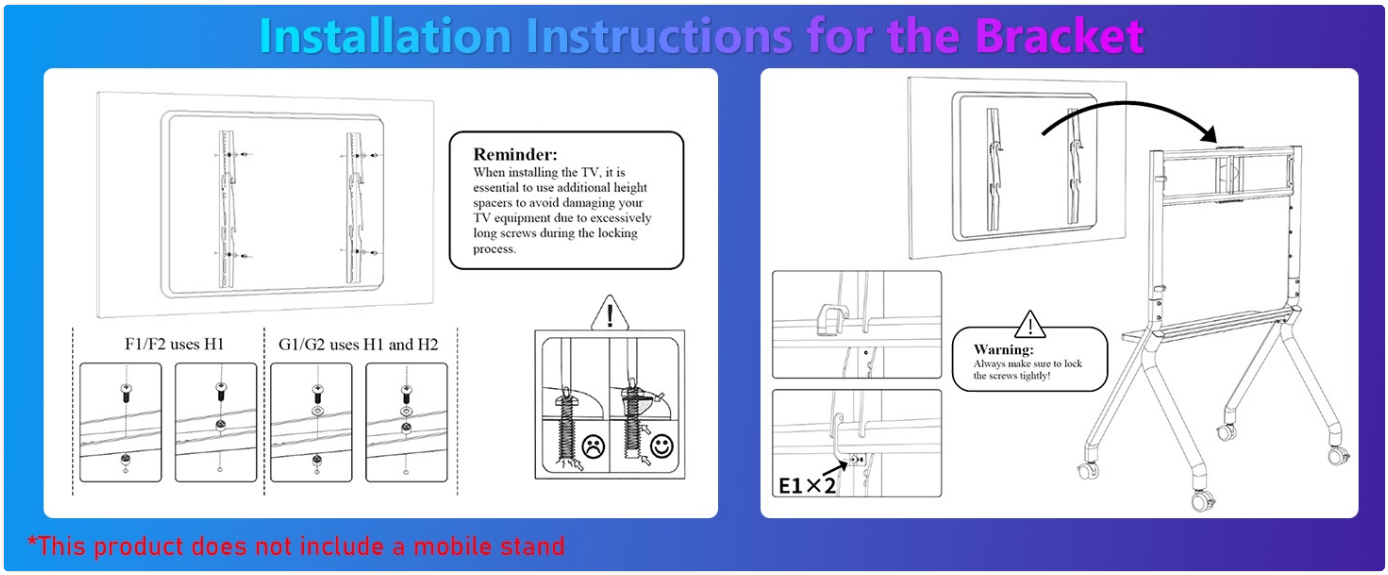


Figure 4.2: Mobile Stand Installation Steps. This diagram outlines the process for attaching the smart board to a mobile stand.

Important Reminder: When installing the smart board onto a stand or bracket, ensure you use additional height spacers if necessary to prevent damage from excessively long screws during the locking process. Always ensure the screen is locked tightly after installation.

5. Operating Instructions

5.1 Powering On/Off

- **Power On:** Connect the power cord to the smart board and a power outlet. Press the main power switch (if present) and then the power button on the front panel or remote control.
- **Power Off:** Press and hold the power button on the front panel or remote control until a power-off option appears, then confirm. Alternatively, use the power switch for a complete shutdown.

5.2 Switching Between Android and Windows OS

The smart board features a dual operating system. You can switch between Android and Windows with a single click, without needing to restart the device.



Figure 5.1: Dual OS Architecture. This image illustrates the internal components and specifications for both the Android 11 (Cortex-A55, 4GB RAM, 32GB ROM) and Windows 10 (i5 CPU, 8GB RAM, 256GB SSD) systems.

5.3 Touchscreen Functionality

The smart board supports multi-point touch for intuitive interaction.

- **Writing:** Use the stylus pen or your finger to write or draw on the digital whiteboard or annotate over content.
- **Erasing:** Use the back of your hand or a larger gesture to quickly erase content, similar to a traditional whiteboard.
- **Gestures:** The touchscreen supports various gestures for navigation, zooming (blow-up/narrow), and other functions.

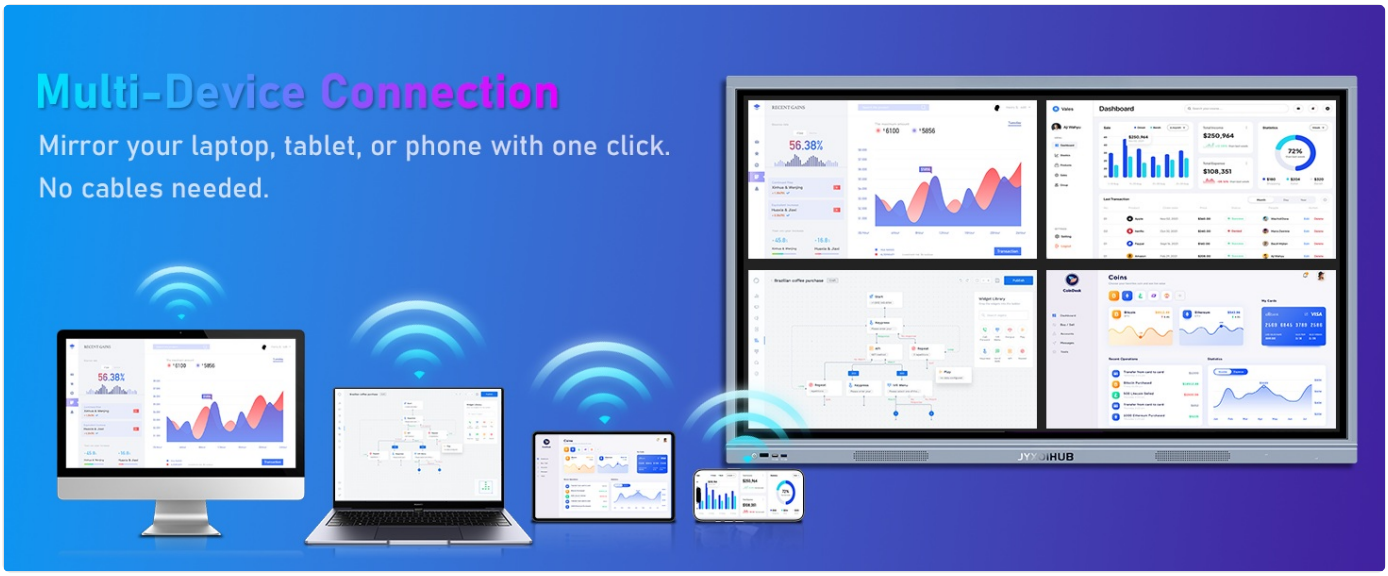


Figure 5.2: Interactive Writing Experience. This image shows a hand using a stylus to write on the smart board, highlighting features like multi-point writing, picture roaming, blow-up, narrow, and palm erase.

5.4 Wireless Mirroring and Collaboration

The smart board supports wireless screen mirroring from multiple devices, facilitating collaborative work.

- **Connect Devices:** Use Airplay, Eshare, or HDMI connections to mirror content from laptops, tablets, or phones.
- **Multi-User Display:** Up to 4 users can screencast simultaneously, allowing for comparative analysis or shared presentations.
- **Annotation:** Annotate directly on mirrored content or documents.
- **Save Content:** Scan the QR code displayed on the screen with your mobile device to save whiteboard content or annotated documents to the cloud for later access.

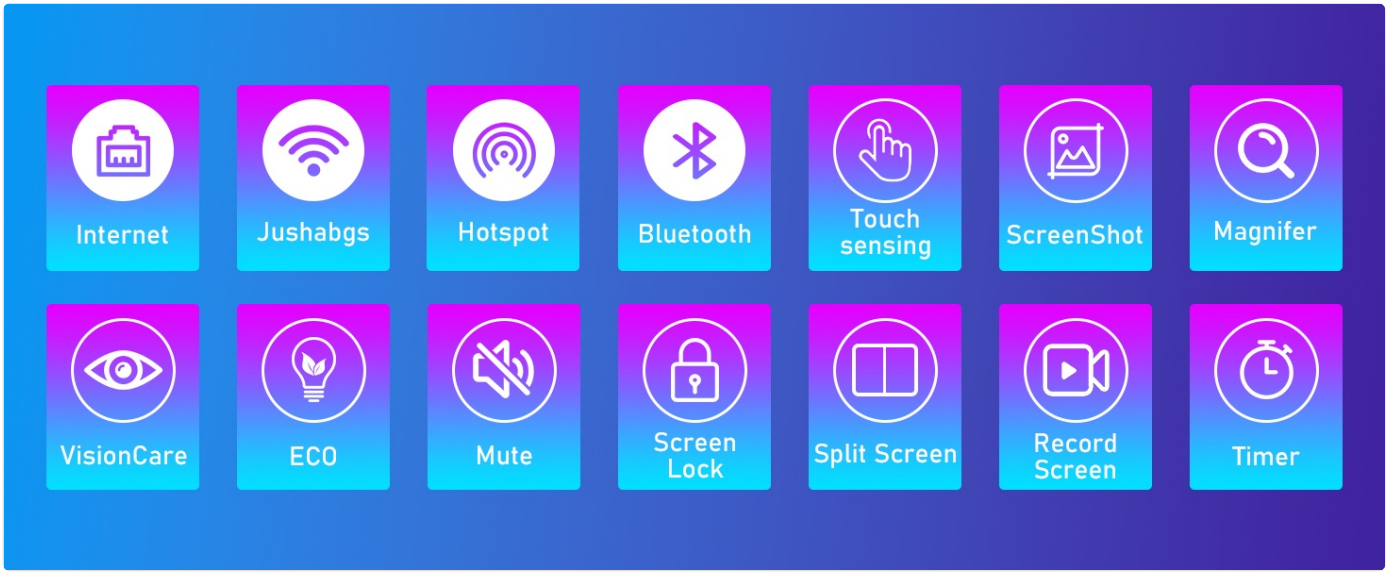


Figure 5.3: Multi-Device Wireless Connection. This image demonstrates how laptops, tablets, and phones can wirelessly mirror their screens to the smart board, enabling multi-device collaboration.



Figure 5.4: QR Code Scanning for Content Saving. This image depicts a user scanning a QR code from the smart board with a smartphone to save displayed content, such as whiteboard notes or presentations, for later access.

5.5 App Ecosystem

The smart board operates on an open platform, allowing you to install and use a wide range of third-party applications that best suit your organizational needs. This eliminates the need for additional purchases and integrates with your existing software investments.

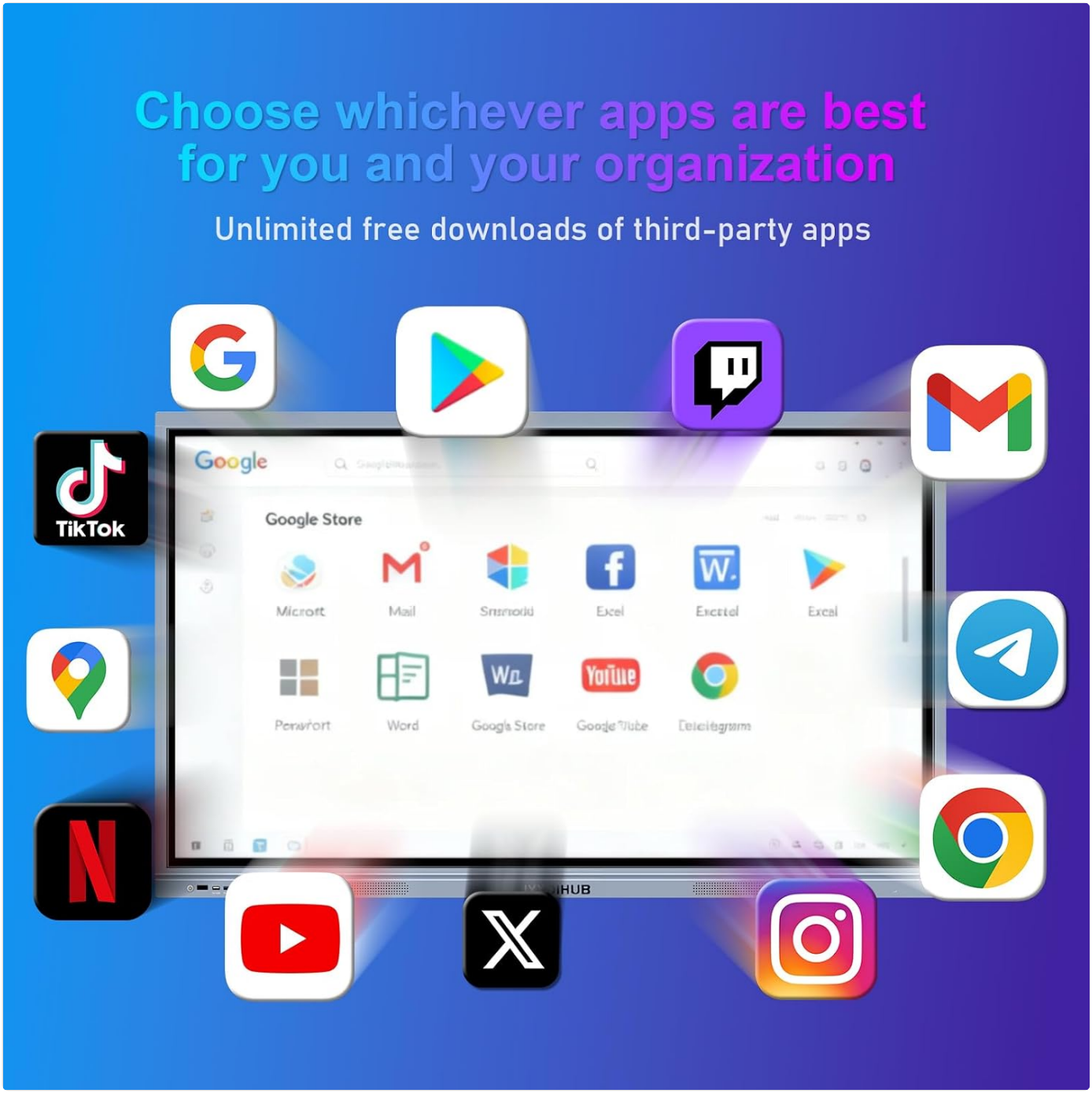


Figure 5.5: Open App Ecosystem. This image displays the smart board's interface surrounded by various popular application icons, indicating its compatibility with a wide range of third-party apps.

5.6 Special Features

The smart board includes several features designed to enhance user experience and productivity:



Figure 5.6: Smart Board Feature Icons. This image presents a grid of icons representing various functionalities of the smart board, including connectivity, display enhancements, and productivity tools.

- **Internet Connectivity:** Supports both Wi-Fi (6G) and Ethernet for stable network access.
- **Hotspot:** Create a Wi-Fi hotspot for other devices.
- **Bluetooth:** Connect wireless peripherals.
- **Touch Sensing:** Advanced touch recognition for precise interaction.
- **Screenshot:** Capture screen content instantly.
- **Magnifier:** Zoom in on specific areas of the screen.
- **VisionCare:** Features designed to reduce eye strain during prolonged use.
- **ECO Mode:** Energy-saving mode.
- **Mute:** Quickly mute audio output.
- **Screen Lock:** Secure the screen to prevent unauthorized access.
- **Split Screen:** Display multiple applications or inputs simultaneously.
- **Record Screen:** Record on-screen activity.
- **Timer:** Integrated timer for presentations or activities.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your JYXOIHUB Smart Board.

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with a non-abrasive, screen-safe cleaner. Avoid harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen coating.
- **Cleaning the Frame:** Wipe the aluminum alloy frame with a soft, dry cloth.
- **Dust Removal:** Regularly dust the vents and ports to prevent accumulation, which can affect performance and cooling.
- **Software Updates:** Periodically check for and install system updates for both Android and Windows to ensure security and access to the latest features.
- **Environmental Conditions:** Operate the smart board within recommended temperature and humidity ranges. Avoid direct sunlight and extreme temperatures.

7. Troubleshooting

This section addresses common issues you might encounter with your smart board.

Problem	Possible Cause	Solution
No power/Screen blank	Power cord not connected, power switch off, power button not pressed.	Ensure power cord is securely connected. Check if the main power switch is on. Press the power button on the front panel or remote.
Touchscreen unresponsive	Software glitch, calibration issue, physical obstruction.	Restart the smart board. Check for any physical obstructions on the screen. Recalibrate the touchscreen if an option is available in settings.
Cannot switch OS	System error, temporary software issue.	Restart the smart board. Ensure both OS are properly installed and not corrupted.
Windows not activated/cannot download apps	Windows OS does not come with an activation key. Outdated OS version preventing app store access.	The Windows OS on this device does not include an activation key, but this does not affect normal use. For app downloads, ensure your Windows installation is up-to-date or consider purchasing a separate Windows license for full functionality. For Android, ensure internet connectivity and Google Play Services are updated.
Wireless mirroring issues	Network connectivity problems, incompatible device, software issues.	Ensure both the smart board and the mirroring device are on the same Wi-Fi network. Check device compatibility with Airplay/Eshare. Restart both devices.
Poor image/video quality	Source content quality, display settings.	Ensure the source content is high resolution. Adjust display settings (brightness, contrast) on the smart board. Verify input cable quality if using HDMI.

8. Specifications

Detailed technical specifications for the JYXOIHUB 55 Inch 4K Smart Board.

Feature	Detail
Model Number	SmartBoard08
Display Size	55 Inches
Resolution	4K UHD
Viewing Angle	170°
Touch Technology	IR Touch, 20-point multi-touch
Android OS	Android 11
Android CPU	Cortex-A55
Android RAM	4GB
Android ROM	32GB
Windows OS	Windows 10 (unactivated)
Windows CPU	i5

Feature	Detail
Windows RAM	8GB
Windows SSD	256GB
Connectivity	Wi-Fi (6G), Ethernet, Bluetooth, USB 2.0, USB 3.0, HDMI, VGA, AV In/Out, SPDIF Out, MIC-IN, LINE-OUT
Speakers	Dual 8W
Material	Tempered Glass (screen), Aluminum Alloy (frame)
Mounting Type	Wall-mount or Floor Standing (stand sold separately)

9. Warranty and Support

9.1 Product Warranty

The JYXOIHUB 55 Inch 4K Smart Board comes with a **3-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase and warranty card for any claims. For detailed terms and conditions, refer to the included warranty card.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact JYXOIHUB customer support. Contact information can typically be found on the warranty card or the official JYXOIHUB website. Please have your model number (SmartBoard08) and purchase details ready when contacting support.

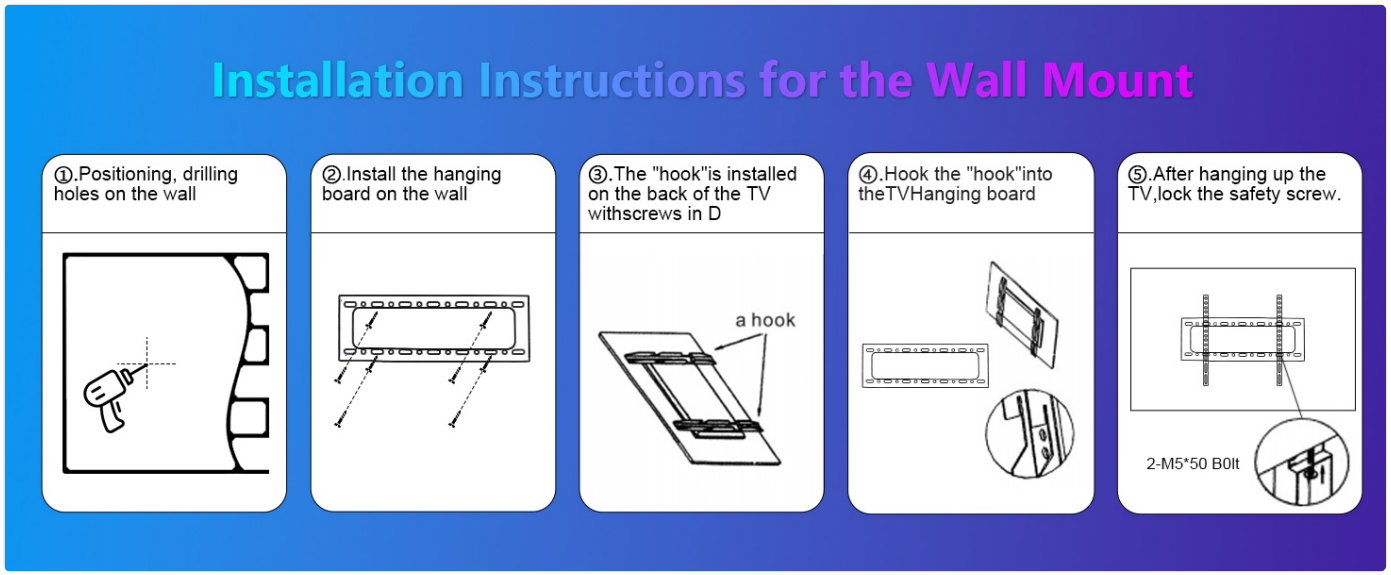


Figure 9.1: Safety and Support Information. This image emphasizes the product's safety certifications (FCC) and the availability of 24-hour after-sales support.

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