JYXOIHUB 4955smartboard

JYXOIHUB 49 Inch Interactive Whiteboard User Manual

Model: 4955smartboard

1. Product Overview

The JYXOIHUB 49 Inch Interactive Whiteboard is a versatile display solution designed for various environments including offices, classrooms, and live streaming setups. It features a 4K UHD display, an Android 12 operating system, and advanced touch capabilities for interactive use.

Key Features:

- **Display:** 49-inch 1080P HD screen with 300cd/m² brightness and 4000:1 contrast ratio. Fast 6.5ms response time.
- **Performance:** Powered by an 8-core 64-bit RK3588 processor (4×Cortex-A76 + 4×Cortex-A55 up to 2.4GHz), 8GB RAM, and 64GB internal storage. Runs on Android 12.
- **Interactive Touch:** Responsive infrared touchscreen supporting 10-point multi-touch with finger or stylus input.
- **Screen Mirroring:** Built-in Eshare software for wireless projection from phones, tablets, or laptops. Includes reverse control functionality.
- **Connectivity:** 100M Ethernet, WiFi, Bluetooth 4.0, built-in 4G PCI-E slot. Ports include USB 3.0, USB 2.0, HDMI output (supports 4K@60Hz), and multiple serial interfaces.
- **Applications:** Pre-installed electronic whiteboard app, digital signage features, and USB media playback (loop, scheduled, interval modes).



Image: Overview of the JYXOIHUB 49 Inch Interactive Whiteboard, highlighting its 49-inch FHD touchscreen, 1080P clarity, RK3588 processor, 10-point IR touch, wireless screen mirroring, phone reverse control, 2x5W speakers, 6ms response time, and Android 12 operating system.



Image: The JYXOIHUB Smart Board integrated into a modern office conference room, demonstrating its use for presentations and collaboration.

2. Setup and Installation

Package Contents:

Before installation, verify that all components are present in the package:

- 1 x 49-inch Smart Whiteboard
- 1 x Wall Mount (compatible with 40"-80" displays)
- 1 x Remote Control
- 1 x Power Cord
- 1 x Touch Pen
- 1 x Warranty Card



Image: Visual representation of the items included in the product package: the 49-inch smart whiteboard, wall mount, remote control, power cord, touch pen, and warranty card.

Mounting Options:

The interactive whiteboard supports two primary installation methods:

1. **Wall Mount:** Use the included wall mount bracket to secure the whiteboard to a sturdy wall. Ensure the wall can support the weight of the unit. Detailed instructions for wall mounting are provided in a separate guide.
2. **Mobile Stand (Sold Separately):** For flexible placement and mobility, a compatible mobile stand can be purchased separately. The whiteboard can be installed on the stand in either portrait or landscape orientation.



Image: The 49-inch interactive whiteboard displayed on an optional mobile floor stand, illustrating its use with a smartphone for screen mirroring and reverse control.

Initial Power On:

1. Connect the power cord to the whiteboard and a suitable power outlet.
2. Locate the power switch, typically on the side or bottom of the unit, and press it to turn on the device.
3. The system will boot up, displaying the Android 12 interface.

3. Operating Instructions

Basic Navigation:

The whiteboard operates on Android 12. Navigate the interface using the touchscreen or the included remote control. The home screen provides access to pre-installed applications and settings.

Touchscreen Functionality:

The infrared touchscreen supports 10-point multi-touch. Use your finger or the provided stylus for precise interaction. Gestures such as pinch-to-zoom and two-finger scrolling are supported.

Your browser does not support the video tag.

Video: Demonstration of the smart board's whiteboard function, showing a user drawing and interacting with the screen using touch input.

Using the Whiteboard App:

The pre-installed electronic whiteboard application allows for real-time annotation, sketching, and idea generation. Access it from the home screen. You can save your work, export it, or share it via QR code.



Image: A user actively writing and drawing on the interactive whiteboard's digital canvas, demonstrating the smooth writing experience and collaboration features.

Screen Mirroring with Eshare:

The Eshare application enables wireless screen projection from compatible devices. Follow these steps:

1. Ensure your phone, tablet, or laptop is connected to the same Wi-Fi network as the interactive whiteboard.
2. Open the Eshare app on the whiteboard. It will display a connection code or QR code.
3. On your mobile device or computer, download and open the Eshare client application.
4. Enter the connection code or scan the QR code displayed on the whiteboard.
5. Your device's screen will now be mirrored on the whiteboard.

Reverse Control: Once mirrored, you can control your mobile device directly from the whiteboard's touchscreen, allowing for seamless interaction with your phone's apps and content.

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Video: Demonstration of mobile phone wireless screen projection and reverse control, showing a user interacting with their phone's content directly on the smart board.

USB Media Playback:

Insert a USB drive into one of the available USB ports. The system's file manager will allow you to browse and play various media files (videos, images, documents). The digital signage features support loop playback, scheduled content, and interval modes for presentations.



Image: A detailed diagram illustrating the various input and output ports available on the JYXOIHUB 49 Inch Interactive Whiteboard, including Antenna, USB, RJ45, HDMI, and 3.5mm audio.

4. Maintenance

Cleaning the Screen:

To maintain optimal display quality, clean the tempered glass screen regularly. Use a soft, lint-free cloth slightly dampened with a non-abrasive, screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials that could damage the screen coating.

Software Updates:

The system supports updates via SD card or USB. Periodically check for available software updates from the manufacturer to ensure optimal performance and access to new features. Follow the on-screen instructions for update procedures.

5. Troubleshooting

This section addresses common issues you might encounter with your interactive whiteboard.

Display Issues:

- **No image or distorted image:** Check all cable connections (power, HDMI). Ensure the correct input source is selected. Restart the device.
- **Screen reflection:** Position the whiteboard to minimize direct light sources. Adjust room lighting if possible.

Touchscreen Unresponsive:

- Ensure the screen surface is clean and free of obstructions.
- Restart the whiteboard.
- If using a stylus, ensure it is functioning correctly.

Connectivity Problems:

- **Wi-Fi/Ethernet:** Verify network cables are securely connected or Wi-Fi settings are correct. Restart your router if necessary.
- **Eshare connection failure:** Ensure both devices are on the same network. Re-enter the connection code or re-scan the QR code. Check for Eshare app updates on both devices.

System Performance:

- **Slow operation:** Close unnecessary background applications. Clear cache from time to time. Consider a factory reset if performance issues persist (note: this will erase all user data).

6. Specifications

Feature	Detail
Brand	JYXOIHUB
Model Number	4955smartboard

Display Size	49 Inches
Resolution	1080P HD
Brightness	300 cd/m²
Contrast Ratio	4000:1
Response Time	6.5ms
Processor	RK3588 Octa-core 64-bit (up to 2.4GHz)
RAM	8GB
Internal Storage	64GB
Operating System	Android 12
Touch Technology	Infrared (IR) 10-Point Touch
Connectivity	100M Ethernet, WiFi, Bluetooth 4.0, 4G PCI-E slot
Ports	USB 3.0, USB 2.0, HDMI Out (4K@60Hz), 3.5mm Audio, RJ45
Material	Tempered Glass (screen), Metal (frame)
Mounting Type	Wall Mount (included), Mobile Stand (optional)
UPC	754147717887

7. Warranty and Support

Warranty Information:

This JYXOIHUB Interactive Whiteboard comes with a**3-year manufacturer's warranty**. Please refer to the included warranty card for detailed terms and conditions regarding coverage and claims.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact JYXOIHUB customer support. Contact information can typically be found on the manufacturer's official website or on the warranty card provided with your product.

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