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TouchWo TWHD75

TouchWo 75-inch 4K Interactive Touchscreen Smart Board User Manual

Model: TWHD75

1. Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your TouchWo 75-inch 4K Interactive Touchscreen Smart Board (Model TWHD75). This device integrates a 4K touchscreen monitor with dual Android 11 and Windows 10 Pro operating systems, designed for interactive use in office and classroom environments.

Package Contents

- 1 x Electronic Whiteboard
- 1 x Power Line
- 1 x Product Manual (this document)
- 1 x Portable Stand
- 1 x WiFi Antenna
- 1 x Screen mirroring device
- 1 x Presenter and Stylus

Figure 1: Included Accessories and Mounting Options. The image displays the main unit, a mobile stand, a wall mounting bracket, a power line, a WiFi antenna, and a capacitive stylus. Note that the wall mounting bracket is an alternative to the mobile stand.

2. Setup

2.1 Stand Assembly

The portable stand is included for easy mobility. Follow the instructions provided with the stand for proper assembly. Ensure all screws are securely tightened before mounting the smart board.

2.2 Wall Mounting (Optional)

If wall mounting, use a compatible VESA wall mount bracket (not included) and ensure the wall structure can support the weight of the 75-inch smart board (approximately 114.4 pounds or 51.9 kg). Consult a professional for installation if unsure.

2.3 Initial Connections

1. **Power Connection:** Connect the provided power line to the smart board and a grounded electrical outlet (110 Volts AC).
2. **WiFi Antenna:** Attach the WiFi antenna to the designated port on the smart board for wireless network connectivity.
3. **Peripheral Devices:** Connect any desired peripheral devices such as external cameras, microphones, or additional storage via the available USB ports.

Figure 2: TouchWo 75-inch Smart Board on Portable Stand. This image shows the assembled unit ready for use.

3. Operating Instructions

3.1 Power On/Off

Press the power button located on the smart board to turn the device on or off. Allow a few moments for the system to boot up.

3.2 Dual OS Functionality (Android 11 & Windows 10 Pro)

The smart board features a dual operating system setup, allowing you to switch between Android 11 and Windows 10 Pro. The Android configuration includes RK3568, 4GB RAM + 32GB ROM. The Windows configuration includes Core i7, 16GB RAM + 512GB SSD. Refer to the on-screen prompts or system settings for switching between operating systems.

Figure 3: Dual OS Capability. This graphic visually represents the ability to switch between Windows 10 Pro and Android 11 operating systems, effectively providing three modes of operation: Windows, Android, and a standard touchscreen monitor.

3.3 Touchscreen Operation (40-Point Touch)

The 40-point touch screen allows for multiple users and gestures. Use your fingers or the provided stylus for interaction. The screen supports various gestures:

- **Single Tap:** Select items, open applications.
- **Double Tap:** Execute actions, zoom.
- **Press and Hold:** Access context menus.
- **Two-Finger Tap:** Specific application functions.
- **Two-Finger Double Tap:** Specific application functions.
- **Two-Finger Press:** Specific application functions.

The touch response time is within 5ms, and the screen can be operated while wearing gloves.

Figure 4: 40-Point Touch Technology. This graphic illustrates different touch gestures and their corresponding actions on the interactive display.

3.4 Connectivity and Interfaces

The smart board offers multiple connectivity options:

- **HDMI (In & Out):** 2x ports for connecting external video sources and outputting display. HDMI IN and USB OTG enable screen casting from other devices with touch functionality.
- **USB:** Multiple USB ports (6 total) for peripherals.
- **VGA:** For legacy video connections.
- **RJ45:** Ethernet port for wired network connection.
- **Wi-Fi:** Supports 2.4G and 5G wireless networks.
- **Bluetooth 5.0:** For wireless accessory connection.
- **Built-in Speakers:** For audio output.

3.5 Screen Mirroring and Digital Signage

The device supports screen mirroring from smartphones, laptops, or tablets. Use the included screen mirroring device or compatible software for wireless casting. The smart board can also function as a digital signage display, supporting both horizontal and vertical placement.

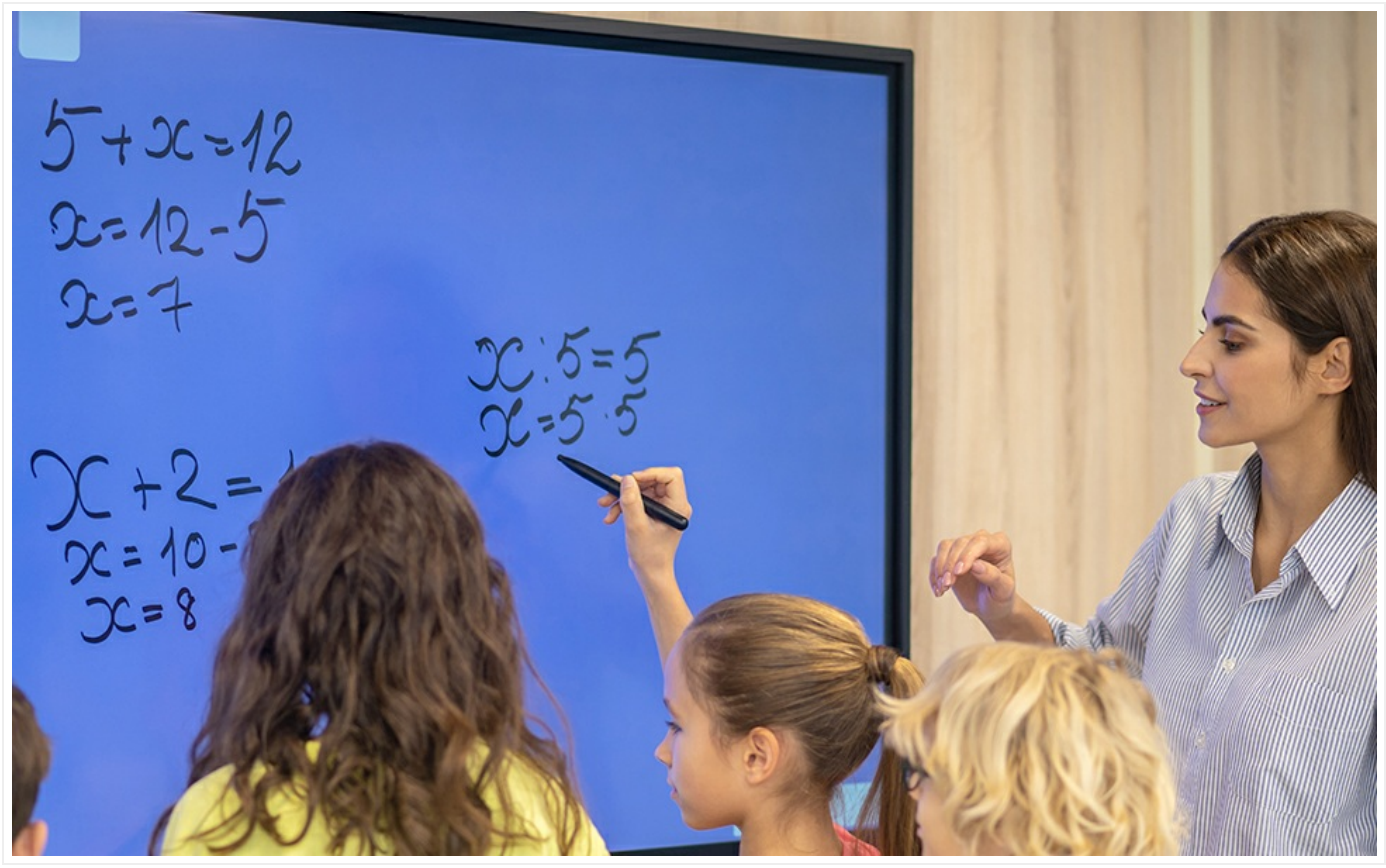

Figure 5: Wireless Screen Casting. This image illustrates how multiple devices can wirelessly cast their screens to the smart board.

3.6 Interactive Whiteboard Features

Utilize the included stylus to draw and annotate on an infinite canvas. This feature is suitable for presentations, brainstorming, and educational purposes.

Figure 6: Interactive Whiteboard in Classroom. A teacher and students are using the smart board for an interactive lesson.

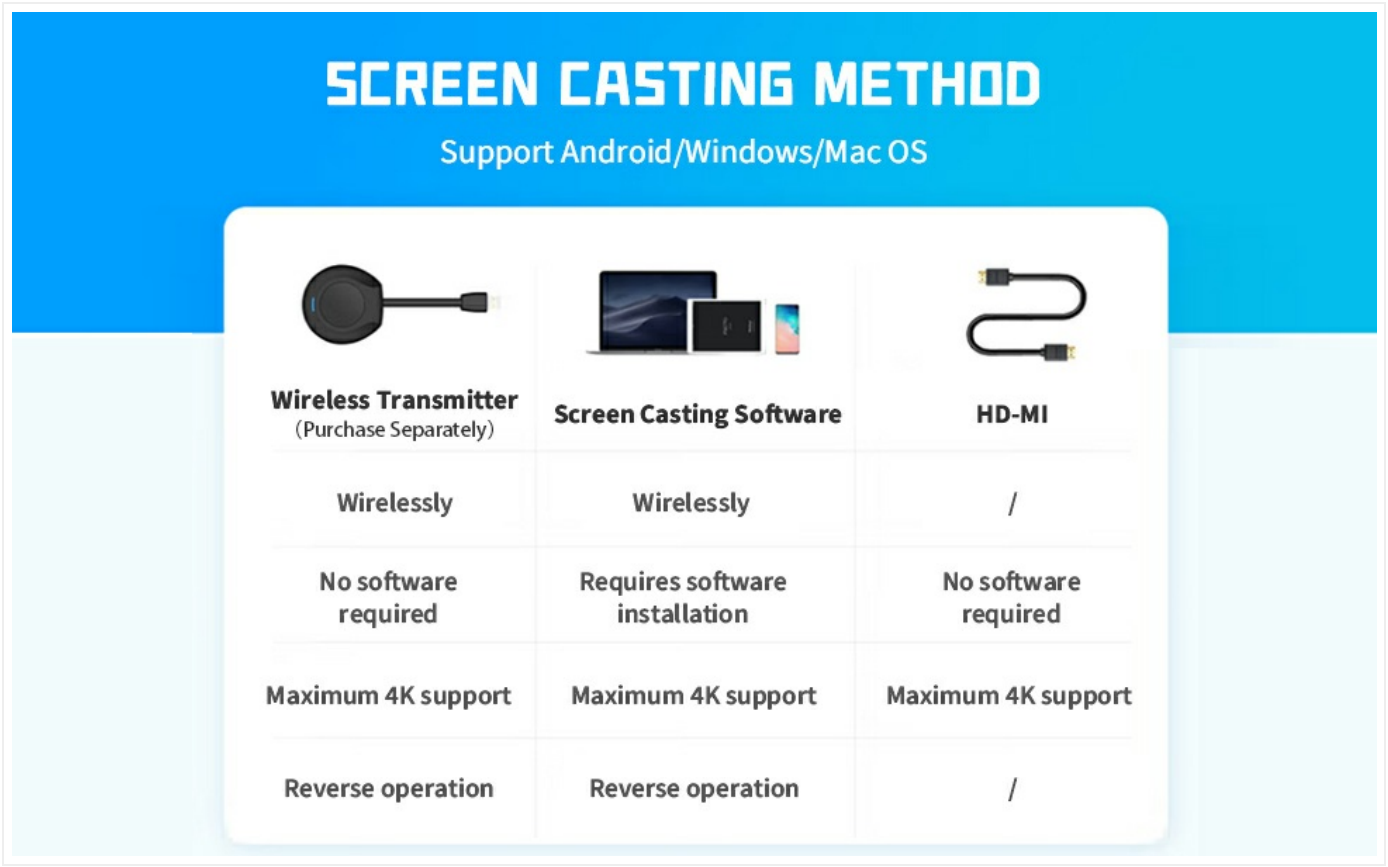

Figure 7: Smart Board for Meetings. A presenter is interacting with data displayed on the smart board during a business meeting.

4. Maintenance

4.1 Cleaning the Screen

To clean the screen, power off the device and unplug it. Use a soft, lint-free cloth lightly dampened with a non-abrasive, screen-safe cleaning solution. Do not spray liquid directly onto the screen. Avoid using harsh chemicals or abrasive materials.

4.2 General Care

- Keep the smart board away from direct sunlight and heat sources.
- Ensure proper ventilation around the device.
- Avoid placing heavy objects on the smart board.
- Protect the screen from sharp objects to prevent scratches.

5. Troubleshooting

5.1 No Power

- Check if the power cable is securely connected to both the smart board and the electrical outlet.
- Verify that the electrical outlet is functional by plugging in another device.
- Ensure the power button on the smart board has been pressed.

5.2 No Touch Response

- Restart the smart board.
- Ensure the screen is clean and free of obstructions.
- If using a stylus, ensure it is functioning correctly.
- Check if the touch functionality is enabled in the system settings of the active operating system (Android or Windows).

5.3 Screen Mirroring Issues

- Ensure both the smart board and the source device are connected to the same Wi-Fi network.
- Verify that the screen mirroring device is properly connected and configured.
- Check for any software updates for the screen mirroring application on your source device.
- For HDMI connections, ensure the cable is securely connected and the correct input source is selected on the smart board.

5.4 Operating System Switching Problems

- Ensure the system has fully booted into one OS before attempting to switch.
- Follow the specific instructions for OS switching within the device's interface.
- If persistent issues occur, a factory reset might be necessary (consult support before proceeding).

6. Specifications

Feature	Detail
Model Number	TWHD75
Screen Size	75 Inches
Resolution	3840 x 2160 Pixels (4K UHD 2160p)

Feature	Detail
Aspect Ratio	16:9
Image Brightness	400 lm
Touch Technology	40 Points Touch Screen, < 5ms response time
Operating Systems	Android 11 (RK3568, 4G RAM + 32G ROM), Windows 10 Pro (Core i7, 16G RAM + 512G SSD)
Connectivity	2x HDMI (In & Out), USB (6 total), VGA, RJ45, Wi-Fi (2.4G+5G), Bluetooth 5.0
Audio	Built-in Speakers
Power Input	110 Volts (AC)
Product Dimensions	3.2 x 67.2 x 40 inches (8.1 x 170.7 x 101.6 cm)
Item Weight	114.4 pounds (51.9 kg)
Manufacturer	Guangzhou Touchwo Electronics Co., Ltd
First Available Date	July 12, 2023

7. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact TouchWo customer service. Details for contacting support are typically available on the manufacturer's official website or through your retailer.

Customer Support: For assistance, please visit the TouchWo Store on Amazon or refer to the contact information provided in your purchase documentation.

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