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Samsung LH75WAFWLGCXZA

Samsung 75-inch Interactive Display WAF Series User Manual

Model: LH75WAFWLGCXZA

1. INTRODUCTION

The Samsung WAF Series Interactive Display is an advanced touch screen whiteboard designed to enhance collaborative and educational environments. Powered by Android OS 14, it offers a customizable interface and compatibility with various Android devices. This display is EDLA certified, providing access to Google services like Google Play and YouTube. Key features include an always-visible annotation function, multi-touch capabilities, and smart wireless sharing.

SAMSUNG

WAF Series

Unlimited learning possibilities

The interactive display WAF series, powered by Android™ OS 14 and Octa-Core CPU, enhances education with Google services and a seamless annotation function. Enables instantaneous note-taking, empowering students to collaborate independently in separate zones, ushering in a new era of interactive education.



Image: Samsung 75-inch Interactive Display WAF Series, showing the main screen with Android interface.

2. SAFETY INFORMATION

Please read all safety instructions before operating the device. Keep this manual for future reference. Ensure the display is installed securely to prevent injury. Avoid exposing the device to excessive moisture or heat.

Disconnect power before cleaning or servicing.

The WAF series is designed with protection against electrical surges and includes anti-humidity glue for critical components, making it suitable for various climates.

3. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- Power Cable
- Remote Control
- HDMI Cable
- Touch Pen (2 each, Black)
- USB Cable

4. SETUP

4.1 Unpacking and Placement

Carefully remove the display from its packaging. Due to its weight (approximately 108.5 pounds) and dimensions (3.5 x 40.6 x 67.6 inches), it is recommended that multiple individuals assist with handling and placement.



Image: Diagram showing the screen width (67.6 inches), screen height (40.6 inches), and screen depth (3.4 inches) of the interactive display.

4.2 Mounting

The display does not include a mounting solution. A compatible wall mount or mobile stand must be purchased separately. Ensure the chosen mounting solution can support the display's weight and dimensions. Follow the instructions provided with your mounting hardware for secure installation.

4.3 Power Connection

Connect the provided power cable to the display's power input and then to a grounded electrical outlet. Press the power button located on the front panel or use the remote control to turn on the display.

4.4 Initial Setup and Boot-up

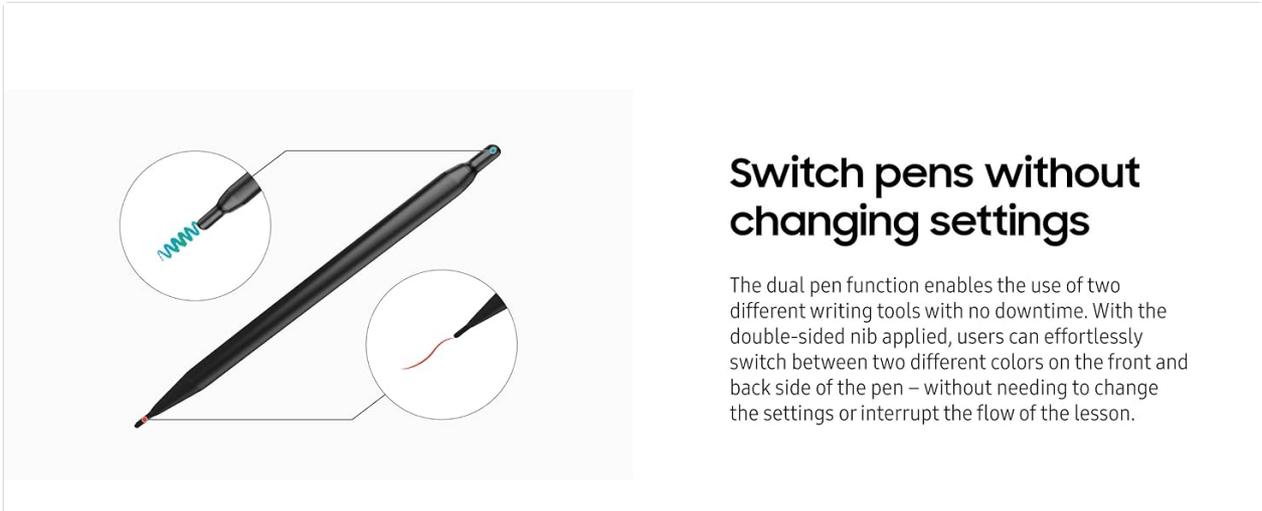
Upon first power-on, the display will guide you through the initial Android OS setup. Please note that the boot-

up process, even from a resting state, may take some time.

5. OPERATING INSTRUCTIONS

5.1 Android OS 14 and Customizable Home Screen

The display runs on Android OS 14, offering a familiar and customizable user experience. You can arrange widgets and applications on the home screen to suit your preferences.



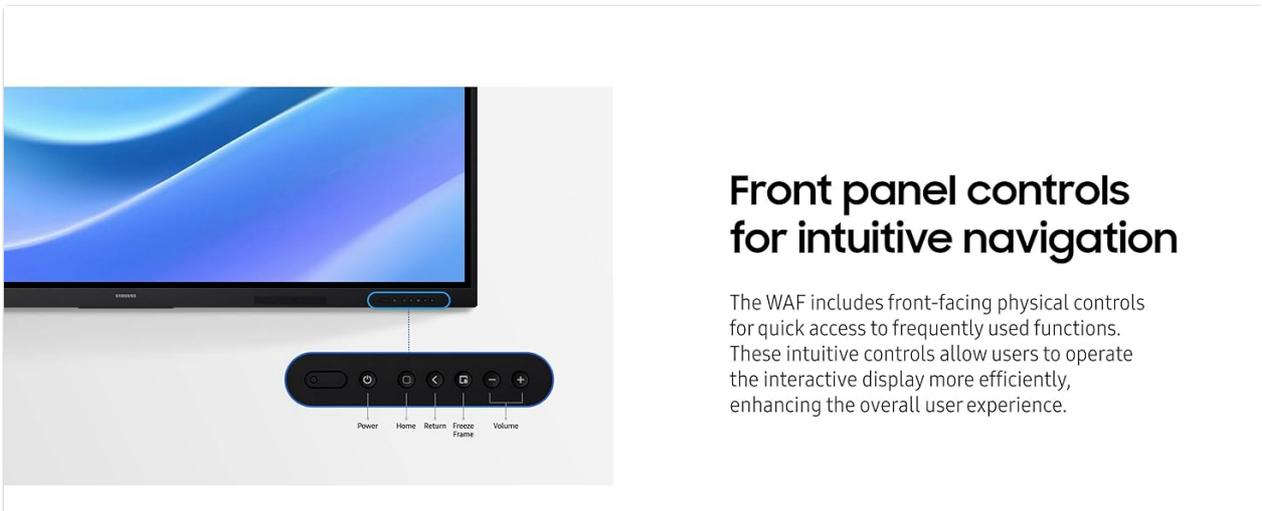
Switch pens without changing settings

The dual pen function enables the use of two different writing tools with no downtime. With the double-sided nib applied, users can effortlessly switch between two different colors on the front and back side of the pen – without needing to change the settings or interrupt the flow of the lesson.

Image: The interactive display showing an intuitive Android home screen with various app icons and widgets.

5.2 Google Services Access

As an EDLA-certified device, the WAF series provides full access to Google services, including Google Play Store, YouTube, Google Classroom, and other essential applications.



Front panel controls for intuitive navigation

The WAF includes front-facing physical controls for quick access to frequently used functions. These intuitive controls allow users to operate the interactive display more efficiently, enhancing the overall user experience.

Image: Icons representing various Google services such as Google Play, YouTube, and Google Docs, indicating seamless integration.

5.3 Annotation and Note-Taking

The display features an always-visible Annotation button, allowing you to take notes directly on any content without interruption. This eliminates the need to capture images first.

Connectivity

3-IN-1 USB-C PORT

Convenient connectivity with USB-C

Connectivity is enhanced with the 3-in-1 USB-C port, enabling screen mirroring, touch control and external device charging (max. 65W). Teachers can simply connect to the USB Type-C port, allowing them to deliver interactive and engaging lessons without any hassle.

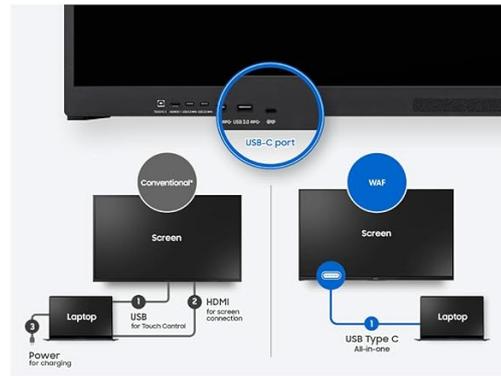


Image: A teacher using the interactive display to annotate over educational content, demonstrating the instant note-taking feature.

5.4 Split Note Mode

The upgraded Note app supports Split Note Mode, enabling up to four independent note zones on a single page. This allows multiple users to write and collaborate simultaneously without affecting each other's work.

Connectivity

HDMI OUT

Accessible content for any class size

With the HDMI Out function, whiteboard screen content can be shared on a different and larger screen in the classroom. This feature ensures teachers can provide a real-time, interactive experience for students who can easily view the screen content regardless of where they sit in the classroom.



Image: The interactive display showing four distinct note zones, illustrating the Split Note Mode for collaborative writing.

5.5 Multi-Touch Capabilities

The display supports up to 40 simultaneous touchpoints, allowing large groups of students or collaborators to interact with the screen efficiently.

Connectivity

ADVANCED MESSAGING

Notify across multiple devices, immediately

Send important messages across campuses, classrooms and public spaces immediately. Urgent communications are displayed on interactive whiteboards so students and other personnel are alerted in real time.



Image: Several children drawing simultaneously on the interactive display, demonstrating its multi-touch capabilities.

5.6 Dual Pen Function

The included touch pens feature a dual-sided nib, allowing you to switch between two different writing tools or colors without needing to change settings or interrupt your workflow.



Image: A close-up of the dual-sided touch pen, highlighting its two different nibs for varied writing styles or colors.

5.7 Front Panel Controls

Physical controls on the front panel provide quick access to frequently used functions such as power, home, return, and volume, enhancing user experience.



Humidity Protection



Surge Protection

SUPERIOR DURABILITY

Seamless learning in every environment

The WAF series protects against electrical surges by using a glass fuse and 500V(DC) capacitor that absorbs instant spikes in voltage. The anti-humidity glue applied to the critical area of the chipset is a valuable tool for schools in highly humid or rainy climates.*

* The claims of enhanced surge and humidity protection for the WAF series are based on Samsung's internal testing solution, allowing customers to choose an option that best fits their local network requirements. UX/UI images are simulated for illustrative purposes. App availability and content may change without notice.

Image: A close-up of the interactive display's front panel, showing the physical buttons for power, home, return, and volume control.

6. CONNECTIVITY

6.1 3-in-1 USB-C Port

The integrated 3-in-1 USB-C port allows for screen mirroring, touch control, and device charging (max. 65W) with a single cable connection to a compatible laptop or device.



Image: A close-up of the bottom-left section of the display, highlighting the USB-C port and other connectivity options.

6.2 HDMI Out

Utilize the HDMI Out function to share the whiteboard screen content with additional displays in the classroom or presentation area, ensuring visibility for all participants.

Display multiple screens simultaneously

The split screen and multi-window enable teachers to easily display information and multi-task. This flexibility provides convenient access to all the screens required to create engaging learning environments.

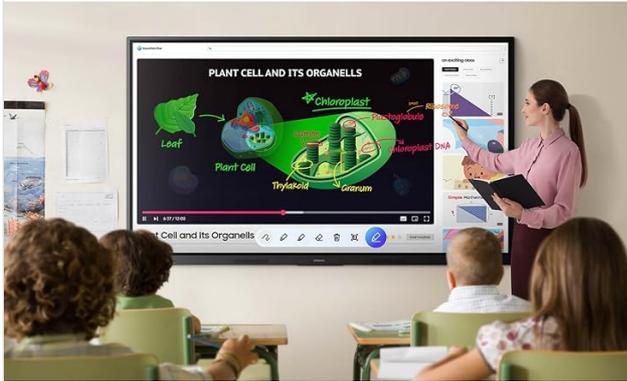


Image: A classroom setting where the content from one interactive display is mirrored to several other screens, demonstrating the HDMI Out feature.

6.3 OPS Slot

The OPS (Open Pluggable Specification) slot allows you to integrate an optional OPS module (purchased separately) to transform the interactive display into a Windows device, providing access to a full PC

environment directly on the screen.



Take notes instantly, anywhere on the screen

The WAF series lets users take notes any time with a simple press of the always-visible Annotation button. Whether watching a video or viewing any content, users can seamlessly annotate without interruptions, enhancing productivity by avoiding the need to capture images first.

Image: A side view of the interactive display, highlighting the dedicated OPS slot for integrating an optional PC module.

6.4 Smart Wireless Sharing

The WAF series supports screen mirroring for up to nine devices simultaneously, facilitating interactive and engaging sessions where content can be shared from various personal devices (iOS, Mac, Windows, Android, Chrome OS).

Connectivity

DEVICE MANAGEMENT SOLUTION*

Seamless management, efficient operations

The WAF series provides a device management solution* essential for advanced educational environments. This solution optimizes the remote management of whiteboard settings and applications, guaranteeing operational efficiency and stability.



* The cloud-based DMS solution is provided free of charge for one year. However, pricing policies are subject to change. For more details, please contact your account manager. Additionally, the WAF series provides an on-prem DMS solution, allowing customers to choose an option that best fits their local network requirements. UX/UI images are simulated for illustrative purposes. App availability and content may change without notice.

Image: An illustration showing the interactive display mirroring content from a smartphone, tablet, and laptop, demonstrating smart wireless sharing.

7. ADVANCED FEATURES

7.1 Device Management Solution (DMS)

The WAF series offers a device management solution to optimize remote management of whiteboard settings and applications, ensuring operational efficiency and stability. Both cloud-based and on-premise DMS options are available.



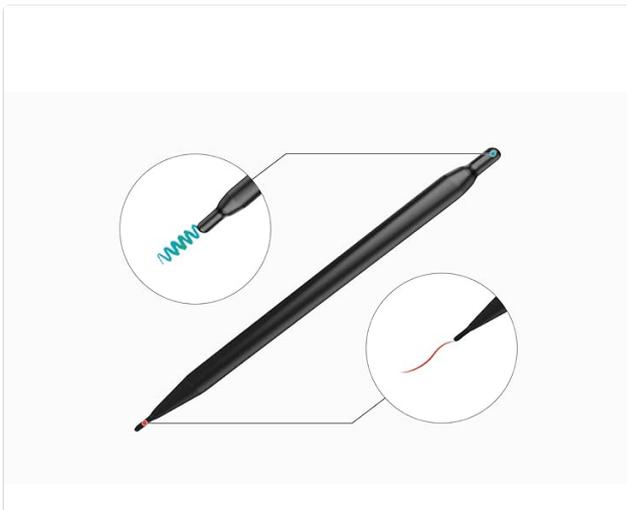
Better interaction with best-in-class multi-touch

Multiple users can write and draw on the whiteboard at the same time with the display's advanced multi-touch capabilities. Up to 40 simultaneous touchpoints are possible, allowing large groups of students and teachers to collaborate and learn together in an efficient, streamlined way.

Image: A graphical representation of a device management solution interface, showing remote management of display settings and applications.

7.2 Advanced Messaging

This feature allows for urgent communications to be displayed on interactive whiteboards across various locations, such as classrooms or campuses, ensuring real-time alerts for students and staff.



Switch pens without changing settings

The dual pen function enables the use of two different writing tools with no downtime. With the double-sided nib applied, users can effortlessly switch between two different colors on the front and back side of the pen – without needing to change the settings or interrupt the flow of the lesson.

Image: Multiple interactive displays showing an urgent message, illustrating the advanced messaging feature for widespread communication.

8. MAINTENANCE

8.1 Cleaning the Display

To clean the display, power it off and gently wipe the screen with a soft, lint-free cloth. For stubborn marks or fingerprints, use a screen-specific cleaning solution applied to the cloth, not directly to the screen. Avoid abrasive materials or harsh chemicals.

8.2 Durability Features

The WAF series is built with superior durability, including protection against electrical surges via a glass fuse and 500V(DC) capacitor, and anti-humidity glue applied to critical chipset areas, making it resilient in various environmental conditions.



SUPERIOR DURABILITY

Seamless learning in every environment

The WAF series protects against electrical surges by using a glass fuse and 500V(DC) capacitor that absorbs instant spikes in voltage. The anti-humidity glue applied to the critical area of the chipset is a valuable tool for schools in highly humid or rainy climates.*

* The claims of enhanced surge and humidity protection for the WAF series are based on Samsung's internal testing solution, allowing customers to choose an option that best fits their local network requirements. UX/UI images are simulated for illustrative purposes. App availability and content may change without notice.

Image: Icons representing humidity protection and surge protection, highlighting the display's durability features.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your Samsung Interactive Display.

- **Touch Tracking Issues:** If the display's touch tracking is inconsistent or stops when your hand rests on the screen, be aware that the board uses infrared to detect touch. Any disturbance to the IR signals can affect tracking. Try to avoid resting your hand directly on the screen while writing.
- **Handwriting Appearance:** If your handwriting appears distorted or like cursive, you may need to adjust your writing style or the pen settings within the software.
- **Side-by-Side View Text Size:** When using two applications side-by-side, the text may appear oversized with no option to adjust. This is a current limitation of the functionality.
- **Application Crashes (e.g., OneDrive):** If certain applications like OneDrive crash when displaying specific file types (e.g., JPGs/PNGs), try opening these files through a web browser within the display's browser app as a workaround. Ensure all apps are updated to their latest versions.
- **Slow Boot-up:** The display may have a slow boot-up time, even when powered on but in a resting state. This is normal operation.
- **Android Compatibility with Macros:** Android OS generally does not support Visual Basic macros. Excel sheets with macros may not function or display correctly on the device.

10. SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model Number	LH75WAFWLGCXZA
Screen Size	75 Inches
Resolution	3840 x 2160 Pixels (4K UHD)
Product Dimensions	3.5 x 40.6 x 67.6 inches

Feature	Specification
Item Weight	108.5 pounds
Image Brightness	400 Candela per Square Meter
Total USB Ports	4
Screen Surface Description	Matte
Operating System	Android OS 14
Certification	EDLA Certified

11. WARRANTY AND SUPPORT

11.1 Product Warranty

For specific warranty details, please refer to the warranty card included with your product or visit the official Samsung support website. Protection plans, such as a 4-Year Protection Plan, may be available for purchase separately.

11.2 Returns Policy

This product typically offers a 30-day return policy for refunds or replacements. Please check with your retailer for their specific return terms and conditions.

11.3 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Samsung customer support through their official channels. Have your model number (LH75WAFWLGXZA) and serial number ready when contacting support.