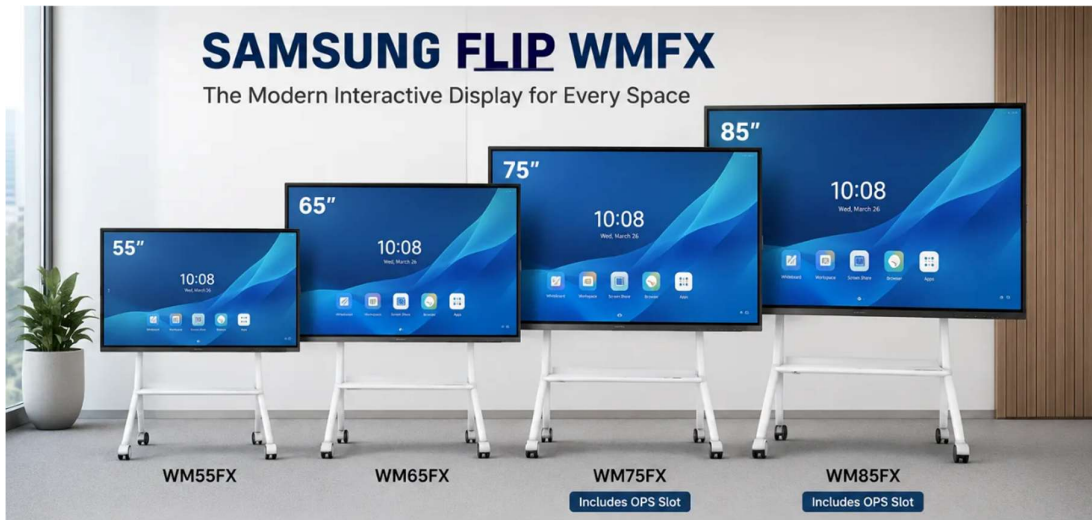


Samsung Flip WMFX

Owner's Guide

WM55FX | WM65FX | WM75FX | WM85FX

SAMSUNG FLIP WMFX
The Modern Interactive Display for Every Space



55" WM55FX 65" WM65FX 75" WM75FX 85" WM85FX

Includes OPS Slot Includes OPS Slot

What's in the Box

 Quick Setup Guide	 Power Cord	 USB Cable	 Touch Pens (Magnetic)	 Remote Control (2x AA batteries included)	 Terminal Cover and Fixings	 Original packaging provides the best protection for transport and service.
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Prepared by Kickstart Computers

Australia's commercial AV specialists | kickstartcomputers.com.au | 0416 353 501

Getting Started with the Samsung Flip WMFX

Congratulations on your new Samsung Flip WMFX. Whether you've chosen the compact 55-inch WM55FX or the impressive 85-inch WM85FX, you're now using one of Samsung's most capable commercial interactive displays.

This guide has been written from the perspective of an experienced AV consultant. It won't read like a Samsung manual, because that document already exists and comes in the box. Instead, this is the guide we wish every new Flip owner had from day one — the practical knowledge that — comes from installing and configuring dozens of these displays across meeting rooms, training suites and boardrooms.

What Is the Samsung Flip WMFX?

The Samsung Flip WMFX is a commercial interactive display that runs Samsung's Tizen operating system. Tizen is a lightweight platform built specifically for displays — If you've ever used a modern Smart TV, the idea is similar—but Tizen has been purpose-built for commercial collaboration rather than entertainment. It handles the whiteboard, file browser, network sharing and app management without requiring a connected PC.

Unlike a consumer television, the WMFX is designed for daily use in demanding environments. It supports up to four simultaneous touch points, includes two magnetic stylus pens, and can connect laptops, PCs, USB devices and wireless devices simultaneously.

The display comes in four screen sizes. All four share the same feature set, with the main practical difference being that the 75" and 85" models include an OPS slot for an optional add-in PC module. We'll explain what an OPS computer is, when you need one, and when you probably don't later in this guide.

What's in the Box

Before mounting or connecting anything, check the box contents. You should find a simple user guide, power cord, USB cable, two touch pens, and depending on the model, a terminal cover and cable cover with fixings. If anything is missing, contact your supplier before proceeding with installation.

★ **Kickstart Tip** Store the original packaging somewhere accessible. If the display ever needs to be transported for service, the original carton provides significantly better protection than any generic alternative.

Comparing the Four WMFX Models

The four WMFX models are functionally identical except for screen size and one important hardware difference: the OPS slot. Here's what matters:

- WM55FX — 55 inches, standard portrait stand available separately
- WM65FX — 65 inches, wall mount available separately
- WM75FX — 75 inches, includes OPS slot for an add-in PC module
- WM85FX — 85 inches, includes OPS slot for an add-in PC module

The 55 and 65-inch models can also be rotated to landscape orientation if your installation requires it, making them flexible for environments that need a more traditional widescreen layout alongside portrait whiteboard use.

Installing the Samsung Flip WMFX

Choosing How to Mount It

The WMFX is designed to be wall-mounted. Samsung offers matching stands and wall brackets, but the display also accepts any compatible VESA mount — these are the standardised mounting hole patterns used by most AV installers.

The mounting hole pattern is 400x400mm for the 55, 65 and 75-inch models, and 600x400mm for the 85-inch model. All models use M8 bolts. This is important to confirm with your installer before they arrive on site, as using the wrong bracket or the wrong length bolts can cause damage.

For permanent installations, Kickstart always recommends engaging a qualified AV installer rather than attempting the wall mount yourself. These displays are heavy — the 85-inch model in particular requires four people to lift safely — and a poorly executed installation creates both safety risks and warranty complications.

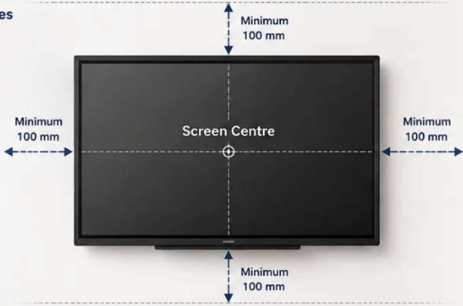
**Kickstart Tip** Request that your installer photographs the wall fixings before the display goes up. If you ever need to remove or reposition the display, having a record of exactly what's behind the wall saves significant time.

Installing the Samsung Flip WMFX

The Samsung Flip WMFX is designed for wall mounting using a standard VESA mount. Correct installation ensures safe use, optimal performance and easy access to connections and maintenance.

Wall Mounting & Clearances

Allow adequate space around the display for ventilation, safe access and maintenance.



Minimum 100 mm

Screen Centre

Minimum 100 mm

Minimum 100 mm

Minimum 100 mm

**Important**
Do not install the display in a recessed space or enclosed area without adequate ventilation. Overheating may cause the display to shut down.



These clearances help with airflow to keep the display cool and provide enough room to access ports, the power button and the OPS slot (if fitted).

Mounting Checklist

- Use a suitable wall mount rated for the display size and weight.
- Ensure the wall or mounting surface can support the load.
- Use a spirit level to keep the display straight.
- Secure all screws firmly.
- Check that all cables can reach comfortably without strain.

**Kickstart Tip**
When mounting on plasterboard, always use anchors and install into wall studs where possible. For solid brick or concrete walls, use appropriate masonry anchors.

**Important**
Two people are recommended for lifting and mounting the WMFX 75" and 85" models.



Note: Diagrams are for reference only. Always follow the instructions provided with your wall mount.

VESA Mounting Points

All WMFX models use a standard VESA mount. Use a mount that supports the display weight.

Model	Screen Size	VESA Pattern	Screw Size
WM55FX	55"	400 x 400 mm	M8
WM65FX	65"	400 x 400 mm	M8
WM75FX	75"	600 x 400 mm	M8
WM85FX	85"	600 x 400 mm	M8

VESA Pattern Diagram (Back View)



55" / 65" (400 x 400)



75" / 85" (600 x 400)



Use M8 screws of appropriate length for your wall mount (generally 16–25 mm depending on the bracket).

Ventilation: More Important Than You Think

One of the most common causes of premature display failure in commercial installations is inadequate ventilation. The WMFX generates heat during operation and needs clearance around the cabinet to dissipate that heat effectively.

When mounting flush against a flat wall, leave at least 15mm of clearance at the back (0mm is acceptable only for the 65-inch model in direct wall-flush installations). When recessing into a wall cavity or alcove, maintain at least 25mm above the cabinet as well as the rear clearance. The ambient room temperature at the display location should not exceed 35°C.

In practice, this means avoiding enclosed alcoves without ventilation gaps, and being careful about mounting inside built-in joinery unless airflow has been specifically considered in the design.

Orientation and Tilt

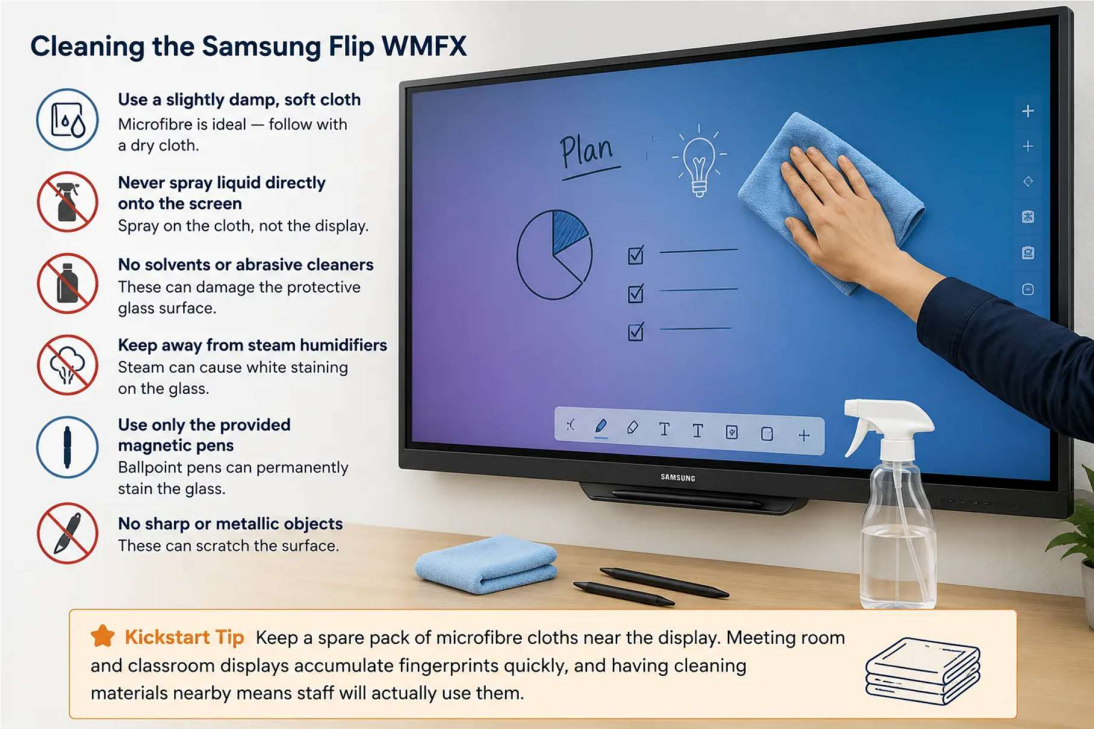
The WMFX is intended to be installed vertically, parallel to the wall. If the display tilts forward more than 5 degrees, the touchscreen may not register inputs accurately — so if you're installing on a tilted wall surface, use a spacer to ensure the display face remains perpendicular to the floor.

The 55 and 65-inch models can be rotated to landscape orientation if needed. If you do rotate to landscape, make sure the power indicator light ends up on the right-hand side after rotation — this confirms the screen is oriented correctly in the operating system.

The display is not designed for ceiling mounting, floor mounting, or table-top use. These orientations can cause ventilation problems and may void the warranty.

★ **Kickstart Tip** Label the power socket location on your floor plan before installation. After the display is up, the power point is often inaccessible. Knowing exactly where it is saves time if the cord ever needs to be disconnected.

Cleaning the Screen



Cleaning the Samsung Flip WMFX

-  **Use a slightly damp, soft cloth**
Microfibre is ideal — follow with a dry cloth.
-  **Never spray liquid directly onto the screen**
Spray on the cloth, not the display.
-  **No solvents or abrasive cleaners**
These can damage the protective glass surface.
-  **Keep away from steam humidifiers**
Steam can cause white staining on the glass.
-  **Use only the provided magnetic pens**
Ballpoint pens can permanently stain the glass.
-  **No sharp or metallic objects**
These can scratch the surface.

★ **Kickstart Tip** Keep a spare pack of microfibre cloths near the display. Meeting room and classroom displays accumulate fingerprints quickly, and having cleaning materials nearby means staff will actually use them.

The WMFX has a protective glass surface over the panel. Clean it only with a slightly damp, soft cloth — microfibre is ideal — followed by a dry cloth. Never spray liquid directly onto the screen, never use solvents or abrasive cleaners, and keep the screen away from steam humidifiers, which can cause white staining on the glass.

Use only the provided magnetic pens on the screen. Ballpoint pens can permanently stain the glass, and any sharp or metallic objects risk scratching the surface.

★ **Kickstart Tip** Keep a spare pack of microfibre cloths near the display. Meeting room and classroom displays accumulate fingerprints quickly, and having cleaning materials nearby means staff will actually use them.

Connecting the Samsung Flip to Your Network

The Samsung Flip WMFX needs a network connection to perform software updates, use cloud storage features, enable wireless screen sharing, and access the browser. You have two options: wired Ethernet or Wi-Fi.

Wired Ethernet (Recommended for Permanent Installations)

A wired Ethernet connection is the most reliable choice for a permanently installed display. It provides a stable, consistent connection that doesn't suffer from Wi-Fi interference, signal fluctuation or congestion from other wireless devices in the building.

The LAN port on the back of the display accepts a standard Cat6 or Cat7 network cable (use Cat7 STP — shielded twisted pair — for best results). Connect the other end to your network switch or wall outlet as you would any other office device.

Once the cable is connected, go to Menu → Tools → Settings → Connection → Network → Network Settings on the display. Select Wired as the connection type. In most office environments the display will detect network settings automatically via DHCP. If your network uses fixed IP addresses, you'll need to enter the IP address, subnet mask, gateway and DNS server details manually — your IT team can supply these.

★ **Kickstart Tip** If the display is being installed in a location with a nearby network point, always choose wired over wireless. The five minutes it takes to run a cable will save hours of troubleshooting wireless connectivity issues over the display's lifetime.

Connecting via Wi-Fi

The WMFX includes built-in dual-band Wi-Fi. This is perfectly adequate for most uses — software updates, browser access and wireless screen sharing all work well over Wi-Fi in a typical office environment.

To connect: Menu → Tools → Settings → Connection → Network → Network Settings → Wireless. The display will scan for available networks and list them. Select your network, enter the password, and the connection will be verified automatically.

If your router has a WPS button, you can also use the WPS pairing method: select 'Use WPS' from the wireless network settings, then press the WPS button on your router within two minutes. The display will connect automatically without requiring a password entry.

Most organisations use WPA2 or WPA3 security on their wireless networks, both of which the WMFX supports. If your network uses Enterprise authentication (common in large organisations where staff log in with their individual credentials), select the appropriate enterprise WPA2 option and check with your IT department for the correct authentication settings.

★ **Kickstart Tip** If the display is in a room with thick concrete walls or significant distance from the nearest Wi-Fi access point, consider installing a dedicated access point specifically for that room. A

display with an unstable wireless connection will frustrate users far more than the cost of an additional AP.

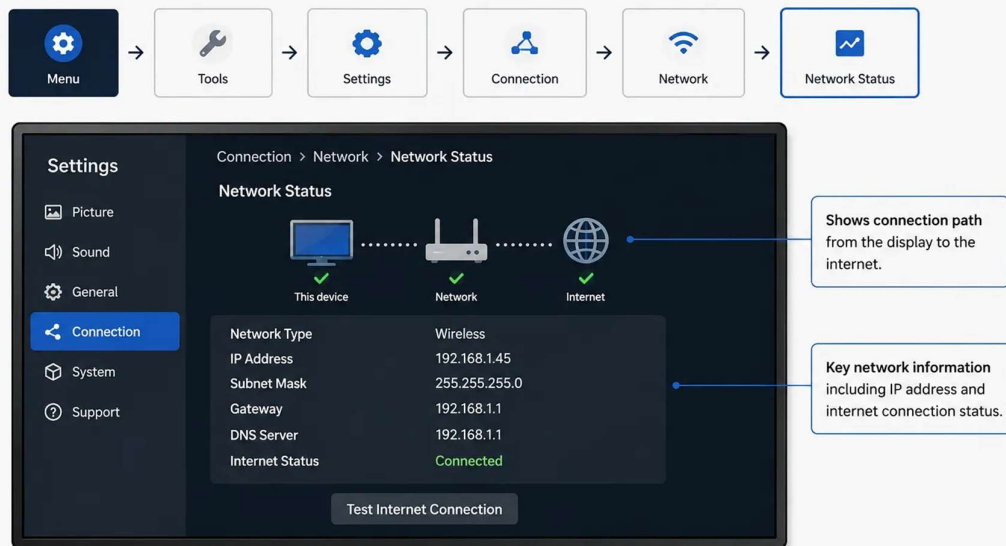
Checking Your Network Status

Once connected, you can verify the network status at any time: Menu → Tools → Settings → Connection → Network → Network Status. This screen shows whether the display is connected, the current IP address, and whether it can reach the internet.

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Connecting Laptops and External Devices

4. Connecting Laptops & Devices

The Samsung Flip WMFX offers flexible connectivity for laptops and devices. Choose the connection that best suits your device and how you want to use the display.

OPTION 1: USB-C (All-in-One Connection)

The simplest option — one cable does it all.



Best for: Modern laptops and devices with USB-C. Ideal for meeting rooms, training rooms and hot-desking.

OPTION 2: HDMI + USB (Video & Touch)

Use this option if your device doesn't have USB-C video output.



Best for: Older laptops and desktops without USB-C video output. HDMI carries video & audio, USB enables touch control.

Where to Connect

All connections are made on the side or rear panel of the Samsung Flip WMFX.



Important Notes

- HDMI alone will display video and audio only. You must also connect the USB touch cable for touch control to work.
- Use the supplied USB touch cable for best compatibility.
- USB-C provides up to 65W charging for compatible laptops.

Kickstart Tip

When using a USB-C connection, ensure your laptop's USB-C port supports DisplayPort Alt Mode and Power Delivery (PD) for the best experience.



Quick Reference

Connection	Cables	Capabilities	Best for
USB-C	One cable	Video + Touch + Audio + Power	Best for modern devices
HDMI + USB	Two cables	HDMI = Video + Audio / USB = Touch	Best for older devices

Need Help Choosing?

If you're unsure which connection to use, go to Menu → Connection Guide on the display for interactive help.



The WMFX is designed to work equally well as a standalone interactive whiteboard and as a second screen for a connected laptop or PC. Understanding which connection method suits your situation will save time and avoid frustration.

USB-C: The Simplest Option for Modern Laptops

If your laptop has a USB-C port that supports DisplayPort Alt Mode and Power Delivery — which is the case for most MacBooks from 2016 onwards, and many Windows laptops produced since 2018 — then a single USB-C cable is the cleanest way to connect.

The USB-C connection on the WMFX tray (the accessory shelf at the bottom of the 55 and 65-inch models) and on the front of the 75 and 85-inch models does three things simultaneously: it displays the laptop screen on the Flip, enables touch control so you can interact with the laptop directly from the display surface, and charges the laptop at up to 65W on the larger models.

This means you arrive at the display, plug in one cable, and immediately have your laptop screen mirrored on a 55-to-85 inch touchscreen with no additional configuration required.

One important caveat: the cable itself matters. Use a quality USB-C cable rated for video transmission and Power Delivery — not the cheapest cable available. Cheap cables often lack the internal shielding required for stable video output.

★ **Kickstart Tip** Buy branded USB-C cables from reputable suppliers and keep one permanently attached to the display in a cable holder. Asking meeting participants to bring their own cables is a reliable way to guarantee someone will always turn up without one.

HDMI: The Universal Option

HDMI works with essentially any laptop or desktop PC produced in the last fifteen years. Connect an HDMI cable from the laptop's HDMI output to the HDMI input on the back of the display, then select that HDMI source from the display menu (Menu → Sources → HDMI).

If you also want touch control to work — meaning you can interact with the laptop's screen by touching the display — you need to add a USB cable. Connect the supplied USB cable from the TOUCH port on the back of the display to a USB port on the laptop. The display will then recognise touch input and pass it back to the laptop as if you were using a mouse.

Mac users will need to install a driver called UPDD to enable touch control via HDMI. Samsung provides this download on their business website. Without this driver, the image will display correctly but touch interaction won't work.

★ **Kickstart Tip** When purchasing an HDMI cable, choose a good-quality **Ultra High Speed (HDMI 2.1 certified)** cable if buying new. It will work perfectly with the Samsung Flip WMFX and is backwards compatible with earlier HDMI standards, making it a good long-term investment. Avoid very cheap, unbranded cables, particularly for longer cable runs, as they can cause intermittent signal issues.

Using Multiple Input Sources

The display can show a connected device in a picture-in-picture (PIP) layout alongside the main whiteboard or Tizen interface. This is useful in training scenarios where an instructor wants to display their laptop content while keeping whiteboard tools accessible.

To switch between connected sources, go to Menu → Sources. The display lists all currently connected inputs — HDMI, USB-C, and OPS if fitted.

Connecting USB Devices

USB ports on the display accept standard USB storage devices (flash drives, portable drives). Once connected, files can be opened through the File Browser app and images can be inserted into whiteboard rolls.

The USB ports operate at 1.0A maximum current. This is sufficient for flash drives and similar low-power devices. Devices requiring higher power — some external hard drives, for instance — should be connected via a powered USB hub rather than directly to the display.

★ **Kickstart Tip** Keep a labelled USB flash drive stored with the display containing commonly used files — company logo, standard templates, background images. This saves attendees needing to pull files from their laptop for routine tasks.

Using the Samsung Flip Whiteboard

The built-in Samsung Whiteboard gives you a simple but powerful workspace for meetings, lessons and brainstorming. Everything you need is available from the easy-to-use toolbar at the bottom of the screen.

Key Features

- Natural writing experience**
Write, draw and annotate with the supplied pens or your finger.
- Collaborate easily**
Multiple users can write at the same time.
- Save and share**
Export to USB, network storage, email or the cloud.
- Unlimited space**
Add new pages for larger projects. Zoom in and out freely.

Main Functions

- Pen**
Choose pen type, colour and thickness.
- Eraser**
Wipe part of a drawing or clear the whole page.
- Shapes**
Insert circles, squares, lines and more.
- Text**
Add typed text to your notes.
- Image**
Insert images from USB, network or web.
- Undo / Redo**
Step backwards or forwards.
- Save / Export**
Save your work to USB, network storage, email or a shared drive.
- More**
Access extra tools and settings.

Page Navigator
Add, delete and reorder pages.

Menu
Page options, backgrounds and settings.

Selection
Move, resize and edit objects.

Pen
Write and draw with different colours and pen sizes.

Eraser
Erase part of a drawing or clear the page.

Shapes
Insert common shapes.

Text
Add and format text.

Image
Insert pictures.

Undo / Redo
Step backwards or forwards.

Save / Export
Save your work.

More
Additional tools and options.

Kickstart Tip
At the start of a meeting or lesson, set a clear background (template) such as blank, lined or grid. It keeps everyone organised and makes notes easier to read.

Best Practice

- Use the supplied pens for the best writing experience.
- Save your whiteboard at the end of each session.
- Keep pages simple — one idea per page works best.
- Share notes via network storage or email for easy access.

Make it Bigger
Need more space? Add new pages using the ➡ button. Zoom in and out with your finger or pens to focus on the detail or see the big picture.

The whiteboard is the heart of the Samsung Flip experience. Access it from Menu → Flip Essentials → Whiteboard. It opens to a clean canvas with a floating toolbar at the bottom of the screen.

What Is a Whiteboard Roll?

Samsung uses the term 'roll' rather than 'file' or 'document' for whiteboard content. Think of a roll as a continuous scroll of paper — your canvas can extend across multiple pages, and you navigate between them by dragging the scroll button or swiping.

Each roll can contain up to 20 connected pages. You can work in landscape orientation (the default for most meeting room scenarios) or portrait — useful when the display is oriented vertically and you're working through structured content with a more document-like feel.

Open a saved roll with Menu (the hamburger icon in the toolbar), or create a new one. The display can only show one roll at a time, but you can switch between saved rolls as needed.

Drawing and Writing

The two included magnetic pens attach to the side of the display frame when not in use. The pens have two tips: the thin tip (end A) works as a standard drawing pen, and the thick tip (end B) functions as a highlighter.

Tilt matters. Hold the pen at roughly the same angle you'd hold a felt-tip marker on a whiteboard. If you tilt the thin tip very flat — within 45 degrees of horizontal — it will behave like the highlighter tip, which can be confusing until you understand why it's happening.

You can also erase using your finger or the flat of your palm, which behaves like an eraser. This is genuinely intuitive and one of the features new users enjoy most.

The Auto-fix Shapes feature is worth knowing about. When enabled, the display automatically tidies up rough shapes you've drawn — a wobbly rectangle becomes a clean rectangle, a rough

circle becomes a proper circle. This is excellent for quick diagrams and flowcharts. Find it in the toolbar as the shape icon.

★ **Kickstart Tip** When several people are writing simultaneously, make sure each person is using their own pen rather than competing for the same one. The display supports multiple simultaneous touch inputs, so two people can write on different areas of the screen at the same time without conflict.

The Toolbar Explained

The whiteboard toolbar floats at the bottom of the screen and contains everything you need. Here's what each control does in plain terms:

- Pen Mode — activates drawing; tap again to choose pen type, thickness and colour
- Erase Mode — tap to erase individual strokes; tap again to set eraser size or clear the entire current page
- Control Mode — lets you select, move, rotate, resize or duplicate objects already on the canvas
- Undo / Redo — steps back or forward through your last 20 actions
- Crop Tool — select a region of the canvas to copy, email or print as a separate image
- Auto-fix Shapes — automatically converts rough drawn shapes into clean geometric shapes
- Maths Tools — geometric tools for precise constructions and measurements
- Sticky Notes — add coloured sticky notes anywhere on the canvas
- Local Search — search for text written on the current whiteboard roll
- Menu — save, open, export, print, lock with PIN, or change page background

Saving and Exporting Work

This is where many first-time users hit confusion. The whiteboard does not automatically save to a location you can easily access from a laptop — by default, rolls are saved to the display's internal storage.

To save: Menu → Save (to keep the current roll under its existing name) or Save As (to save with a new name). To retrieve the content elsewhere, use Export: Menu → Export To. You can export to a connected mobile device, send by email, or save to the display's File Browser where it can be copied to a USB drive.

The display can be configured for Auto Save under system settings, which is worth enabling so work-in-progress isn't lost if someone accidentally closes the whiteboard.

★ **Kickstart Tip** At the end of a meeting, export the whiteboard roll as an image and email it to participants immediately rather than relying on someone to retrieve it later. The discipline of exporting before leaving the room saves the inevitable 'can you resend the notes from Tuesday?' emails.

Protecting a Roll with a PIN

If the whiteboard contains sensitive content, you can lock the roll with a PIN: Menu → Lock. The default PIN is 000000. Once locked, anyone who opens the roll on this display will need to enter the PIN to view or edit it. This is useful for confidential sessions where the display is in a shared space.

Screen Sharing and Wireless Collaboration

6. Wireless Screen Sharing (SMARTVIEW+)

Share your screen wirelessly from laptops, tablets or smartphones using SMARTVIEW+.
Make sure your device is connected to the same network as the Samsung Flip.

HOW IT WORKS

- 1 Connect**
Ensure your device is connected to the same Wi-Fi network as the display.
- 2 Open Screen Share**
Tap the Screen Share icon on your device or use the app / casting function.
- 3 Select the Display**
Choose your Samsung Flip from the list of available devices.
- 4 Share**
Your screen will appear on the Flip. You can now present, annotate and interact.



SUPPORTED DEVICES

- Laptop / PC**
Windows 10 or later
macOS 10.15 or later
(via web browser or app)
- Android Devices**
Android 8.0 or later
(via SmartView+ app or Google Cast)
- iPhone / iPad**
iOS 11.0 or later
(via AirPlay)

QUICK TIPS

- For the best experience, ensure a strong and stable Wi-Fi connection.
- If you experience lag, close other apps or streaming on your network.
- Use 5GHz Wi-Fi for higher bandwidth if available.
- The connection code changes every 10 minutes for security.

HOW TO OPEN ON THE FLIP

Tap the Home button on the remote or front panel
→ Apps → SmartView+

KICKSTART TIP

Name your display (Menu → Settings → General → Device Name) so it's easy to find in the list of devices, especially in environments with multiple Samsung displays.

NEED HELP?

If you can't see your display, check that both your device and the Samsung Flip are on the same network. Restarting Wi-Fi on your device or the display can often solve connection issues.



Scan for SmartView+ User Guide

One of the most frequently used features in a meeting room context is the ability to share content from a laptop, phone or tablet to the display without a cable. The WMFX supports several methods.

SMARTVIEW+: Wireless Screen Sharing from Laptops and PCs

SMARTVIEW+ is Samsung's browser-based wireless screen sharing system. Here's how it works: the display shows a connection guide when you open SMARTVIEW+ from Menu → Flip Essentials → SMARTVIEW+. From your laptop's web browser, you navigate to the URL shown on the display, install a small certificate if prompted, and your laptop screen is then shared wirelessly to the display.

Both the laptop and the display need to be on the same Wi-Fi network for this to work.

SMARTVIEW+ supports Chrome, Safari, Edge and Firefox on Windows, Mac and ChromeOS.

Up to four participants can share their screens simultaneously, each appearing in a separate window on the display. This is genuinely useful for comparison sessions, project reviews, or situations where multiple people need to present in quick succession without swapping cables.

★ Kickstart Tip Firefox tends to give the most reliable SMARTVIEW+ experience according to Samsung's own recommendation. If someone is having trouble sharing via Chrome or Edge, try Firefox first before troubleshooting the network.

Apple AirPlay: iPhone, iPad and Mac Users

If your organisation uses Apple devices, the WMFX supports AirPlay natively. Connect your iPhone, iPad or Mac to the same Wi-Fi network as the display, then use the standard AirPlay/Screen Mirroring option from your device's control centre. The display will appear in the AirPlay device list.

This requires accepting terms and conditions on first use, which is done through the display's settings. Once enabled, it works exactly as AirPlay does with Apple TV — no special software required on the Apple device.

Wired Screen Sharing to a Second Display

In some meeting rooms, you may want to share the Flip's screen to a second display — a room projector, a secondary monitor, or a display in an adjoining space. The WMFX can output its screen via HDMI to an external display using the Screen Share function: Menu → Tools → Screen Share → Wired.

This is separate from the HDMI input connection used to receive content from a laptop. The HDMI output port on the back of the display is used for this purpose.

Note On: Annotating Shared Content Without Disrupting It

One of the cleverer features of the WMFX is Note On. Access it from Menu → Tools → Note On. This places a transparent annotation layer over whatever is currently on screen — your laptop's presentation, a SMARTVIEW+ shared screen, a browser window — and lets you write notes, highlight content or draw attention to specific areas with the pen.

Crucially, your annotations don't affect the underlying content. The laptop continues running normally, the presenter's slides are untouched. You're simply drawing on top of the image. When you're done, you can save the annotated view as an image or close the note layer entirely.

In training environments, this is particularly effective for annotating documents, diagrams or presentations in real time without needing to switch applications on the connected device.

★ **Kickstart Tip** Use Note On during video calls to annotate content shared by remote participants. Rather than trying to describe where to look, you can literally draw on the screen and the annotated view can be shared back via your camera.

Using Microsoft Teams and Microsoft 365

Many organisations deploying the Samsung Flip WMFX are doing so as part of a Microsoft-based collaboration environment. Here's what you need to know.

Microsoft Teams and the WMFX

The WMFX does not have Microsoft Teams Rooms software built in. This is an important distinction: a dedicated Teams Rooms device comes pre-configured with Teams as the primary interface, certified camera and microphone, and is managed through the Teams Admin Centre.

The WMFX operates differently. It's primarily a collaborative interactive display that can connect to Teams via a laptop. In a meeting room context, the most common workflow is: connect a Windows or Mac laptop to the WMFX via USB-C or HDMI, join a Teams call from the laptop, then share the Teams window or the desktop to the display. The display's touch capability means you can interact with the shared content from the screen surface.

For organisations wanting a fully integrated Teams Rooms experience from the display itself, Samsung's WMFX series can be paired with an OPS Windows PC module (on the 75 and 85-inch models) running full Windows and Teams, or alternatively connected to an external mini-PC running Teams Rooms software.

★ **Kickstart Tip** If your organisation is considering the WMFX as a Teams Rooms endpoint, contact Kickstart Computers before purchasing. The right configuration depends on how your Teams environment is managed and what level of integration the IT team requires. Getting this wrong means expensive rework.

Microsoft 365 via the Workspace Menu

The WMFX includes a Workspace section in its menu (Menu → Workspace → Microsoft 365) that provides access to Microsoft 365 features from Microsoft's own web interface. This allows users to access OneDrive files, open Word or Excel documents in the browser, and use other 365 services without needing a connected laptop.

This works entirely through the display's built-in browser. You sign in with your Microsoft 365 credentials, and the interface behaves similarly to accessing 365 from any web browser. Files can be opened, edited and saved back to OneDrive from the display directly.

Connecting to a Remote Windows PC

The Workspace menu also includes a Remote PC option that allows the display to connect directly to a Windows 11 Pro (or later) PC or cloud server running Screen Sharing. Think of this as a remote desktop connection — the display shows the remote PC's screen, and you interact with it from the display's touchscreen.

This is particularly useful in situations where a standard PC sits in a server room or secure area and the display is the user-facing interface. The PC does the processing; the display handles the input and output.

Mac users have a similar option via Screen Mirroring — the Mac's screen can be shared to the display, allowing touch interaction from the display surface back to the Mac.

The OPS Computer Module (WM75FX and WM85FX Only)

OPS stands for Open Pluggable Specification — it's an industry-standard slot behind the larger WMFX models that accepts a dedicated PC module. Think of it as an internal PC that lives inside the display. When an OPS module is fitted, the display effectively has a full Windows computer built in.

What OPS Means in Practice

Without an OPS module, the 75 and 85-inch models run entirely on Tizen — Samsung's display operating system. With an OPS module fitted, there's also a full Windows PC inside the display, accessible from Menu → Sources → OPS.

In a meeting room context, an OPS-equipped display can run Windows applications, connect to corporate networks using Windows domain credentials, run Microsoft Teams Rooms software, and behave exactly like a PC with a very large touchscreen. Users don't need to bring their own laptop — the display has a computer already inside it.

Installing the OPS Module

The OPS module slots into the back of the 75 and 85-inch models. Before installing it, the display must be completely powered off and the power cord disconnected — this is not a hot-swap operation.

The OPS case should be installed before the display itself is mounted on the wall. Once the display is up, access to the OPS slot can be awkward depending on the installation height and mounting depth. If you're planning to add an OPS module after initial installation, discuss access requirements with your installer beforehand.

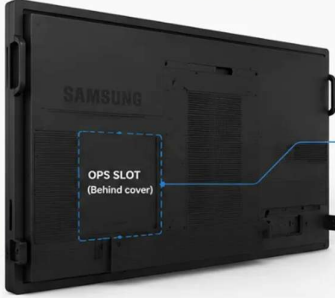
During initial Windows setup, the OPS touchscreen may not respond correctly. Samsung recommends connecting a USB keyboard and mouse directly to the OPS module for the initial Windows configuration before relying on touch input.

★ **Kickstart Tip** If you're fitting an OPS module to a display that's already wall-mounted, have the installer on hand. The display may need to be partially demounted to access the slot safely. This is not typically a job for building maintenance staff unfamiliar with AV equipment.

OPS Power Synchronisation

OPS Computer

The Samsung Flip WMFX has an integrated OPS slot that allows you to add a Windows PC neatly inside the display. This creates an all-in-one, cable-free solution with full computing power, while maintaining a clean, secure installation.



OPS SLOT
(Behind cover)

Where the OPS Module Fits

The OPS slot is located on the back of the display, on the left-hand side (when viewed from the front).



Slide the OPS module in gently until fully seated and secure with the retaining screw.

OPS Module (Example)



Actual ports may vary depending on the OPS computer model.

Benefits of an OPS Computer

- ✓ Built-in Windows PC – no external cables or devices
- ✓ Power, video, touch and network through a single connection
- ✓ Easy to maintain and upgrade
- ✓ Keeps the installation clean and secure
- ✓ Ideal for meeting rooms, classrooms and digital signage

Installing an OPS Module

- 1 Remove Cover**
Remove the OPS slot cover by loosening the screw and pulling the cover away.
- 2 Insert Module**
Align the OPS module with the slot and slide it in gently until it is fully seated.
- 3 Secure**
Tighten the retaining screw to lock the module in place.
- 4 Power On**
The OPS computer will power on with the display.



Sources



Important Notes

- The OPS module is optional and sold separately.
- Only use OPS modules that are compatible with Samsung Flip WMFX.
- Ensure the module is fully seated and the screw is tightened to prevent disconnection.
- For specifications and compatible models, contact Kickstart Computers.

Kickstart Tip

An OPS computer is perfect for running Microsoft Teams Rooms, Zoom, signage players and Windows applications directly from your Samsung Flip – without the need for an external PC.



OPS in Action

Once installed, the OPS computer appears as a new input source. Simply select "OPS PC" from the Sources menu to switch to the built-in Windows experience.



Need help choosing the right OPS module?

Contact Kickstart Computers for expert advice and compatible options.

When an OPS module is installed, the display can be configured to synchronise its power state with the PC module. Under System settings, you can enable Synced Power-On (the PC starts when the display turns on) and Synced Power-Off (the PC shuts down when the display powers off). This simplifies the room experience — one power button turns everything on and off together.

The Built-in Browser and Apps

Using the Internet Browser

The WMFX includes a built-in web browser accessible from Menu → Flip Essentials → Internet. Connect the display to a network first, then open the browser to access websites as you would on any device.

There are some limitations worth knowing before relying on the browser for important tasks. Flash video is not supported. E-commerce checkouts and some corporate sites may not function correctly. Copy-and-paste doesn't work in the same way as a desktop browser. The browser is practical for displaying web-based dashboards, reference sites and cloud tools, but it is not a full desktop browser experience.

Video streaming works for HTML5 content but may struggle with platforms designed specifically for PC or mobile viewing. If you need to reliably stream video from a specific service, testing beforehand is strongly recommended.

Kickstart Tip The built-in browser is well-suited for displaying live dashboards, Google Slides presentations shared via link, or reference documentation. It is less reliable for corporate intranet sites that assume a modern desktop browser with specific plugins or authentication flows.

The File Browser

The File Browser (Menu → Flip Essentials → File Browser) is the display's file management interface. It organises content into categories including whiteboard rolls, captured images, downloaded files and connected USB storage.

Use the File Browser to retrieve whiteboard exports, open images to insert into a roll, or browse the contents of a connected USB drive. Files can be sorted by date, name or type, and the view can be switched between grid and list layout.

Managing Apps on the Samsung Flip

The WMFX runs on the Tizen platform and supports additional apps from Samsung's display app ecosystem. Access these from Menu → Flip Essentials → Apps. The app library is more limited than Android or Apple app stores — this is a commercial display platform, not a consumer tablet — but it does include productivity-focused additions for specific use cases.

Apps are managed and updated from this menu. If a specific app stops functioning correctly, reinstalling from the Apps menu is usually the first troubleshooting step.

Cloud Storage and Printing

Saving Work to Cloud Storage

The WMFX does not have a direct native integration with Google Drive or Dropbox — but that doesn't mean you can't get content to and from the cloud. The most reliable workflow uses the display's browser: open your cloud storage provider's web interface in the browser, upload or download files from there, and use the File Browser to access downloaded content.

Microsoft OneDrive integrates more directly via the Microsoft 365 Workspace option. If your organisation uses Microsoft 365, this is the cleanest path to cloud file access from the display without a connected laptop.

Setting Up a Network Drive

For organisations with on-premises file servers, the WMFX can connect to a shared network drive. Go to Menu → Tools → Settings → Connection → Advanced Settings → Network Drive and add an account.

You'll need the server address in the format //IP-address/shared-folder-name (using forward slashes, not backslashes), a Windows username with access to the share, and the corresponding password. Samba 2.0 or later is required on the server side. Your IT team can confirm whether this is supported and supply the necessary credentials.

Printing Whiteboard Content

The WMFX can print to a networked printer, but this requires a small piece of software called Flip Printing Software to be installed on a Windows PC connected to the same network as both the display and the printer.

The display connects to the print server (the PC running Flip Printing Software) and sends print jobs through it. This is an indirect printing workflow — the display can't communicate directly with most printers without the intermediary software. Only physical printers are supported; virtual printers like PDF or XPS are not. Currently only A4 paper size is supported.

If printing is a requirement in your environment, factor in the software installation and configuration when planning the deployment. It's not complicated, but it does require a PC on the same network to remain running while printing is in use.

★ **Kickstart Tip** For occasional whiteboard printing needs, exporting to a USB drive and printing from a laptop is often simpler than configuring the full print server setup. Use the dedicated print server approach when printing needs to be an everyday function for non-technical users.

First-Time Setup: Key System Settings

After physical installation and network connection, there are several settings worth configuring before handing the display over to users. This section walks through the most important ones.

Date and Time

Set the correct date and time from Menu → Tools → Settings → System → Time → Clock Set. This matters for correct file timestamps on exported whiteboard rolls, and for ensuring firmware update schedules work correctly. Enable Daylight Saving if relevant to your location.

Setting Your Security PIN

The system PIN defaults to 000000. This PIN protects certain administrative settings and is also used to lock whiteboard rolls. Change it from Menu → Tools → Settings → System → Change PIN. Use a PIN your organisation can remember but that isn't immediately obvious to visitors.

Auto Save and Data Management

Enable Auto Save from Menu → Tools → Settings → System → Whiteboard & Brush → Auto Save. This prevents loss of work-in-progress if the display is powered off unexpectedly.

You can also set a deletion interval (Period for Delete All) that automatically clears old whiteboard data at regular intervals. This is useful in shared environments where accumulated old rolls become clutter, but disable it if your organisation needs to retain whiteboard records long-term.

Power and Energy Saving

The Auto Power Off setting turns the display off after a specified period of inactivity — useful for meeting rooms where the display might otherwise be left running overnight. Find this under Menu → Tools → Settings → System → Advanced Settings → Power and Energy Saving.

No Signal Power Off saves energy by turning the display off when no input signal has been detected for an extended period.

The 75 and 85-inch models include a light sensor that automatically adjusts screen brightness based on ambient light levels. This is enabled under Brightness Optimisation in the same menu.

Auto Source Switching

When enabled, the display automatically switches to display a new source when a device is plugged in. This is convenient in meeting rooms where presenters plug in frequently. Disable it if the automatic switching causes unexpected interruptions when devices are connected for charging rather than presentation.

Screen Saver and Touch Control Lock

Configure a screen saver image to appear when the display is idle. This helps prevent image retention on the panel — see the maintenance section for more detail on why this matters.

The Touch Control Lock (Menu → Tools → Touch Control Lock) disables all screen input with a PIN to prevent accidental or unauthorised interaction. This is useful for permanently displayed content in public areas.

★ **Kickstart Tip** Take 20 minutes to configure these settings before the display goes into regular use. It's far easier to set them correctly at commissioning than to troubleshoot problems caused by default settings three months later.

Keeping the Firmware Updated

Firmware is the operating software embedded in the display. Samsung periodically releases updates that fix bugs, improve performance and occasionally add new features. Keeping the firmware current is important for security and reliability.

Automatic Updates

With Auto Update enabled (Menu → Tools → Settings → Support → Software Update → Auto Update), the display will download and install updates automatically when powered off, provided it has an internet connection. This is the simplest approach for most environments — the display updates itself overnight without any user intervention.

Manual Updates

If you prefer to control when updates are applied, disable Auto Update and check for updates manually from Menu → Tools → Settings → Support → Software Update → Update Now. The display will check Samsung's servers and present the available update for confirmation before downloading.

For environments without internet access, updates can be applied via USB. Download the firmware file from Samsung's business website, copy it to a USB drive in the root directory (not inside a folder), connect the drive to the display and select USB update from the Software Update menu.

★ **Kickstart Tip** In corporate environments where software updates require IT approval, disable Auto Update and coordinate firmware updates with your IT team before applying them. In education or SME environments, leaving Auto Update enabled is generally the most practical choice.

Checking the Current Firmware Version

The current firmware version is shown under Menu → Tools → Settings → Support → About Flip. This is useful information to have ready when contacting Samsung support or your AV supplier about any issues.

Troubleshooting Your Samsung Flip WMFX

Most problems with the WMFX fall into a small number of categories. Here are the issues we see most frequently and how to resolve them.

The Touchscreen Doesn't Respond Correctly

The first thing to check is that the display is installed parallel to the wall. If it's tilted more than five degrees forward, touch accuracy degrades noticeably. If installation is correct, check whether there are strong light sources — particularly infrared-emitting devices like some air conditioners — positioned near the display. The WMFX uses an infrared touch detection system that can be disrupted by competing infrared signals.

If you're using two pens simultaneously and they're not both registering, make sure they're not too close together. The display needs adequate space between simultaneous touch points to differentiate between them.

After powering the display on from cold, don't touch the screen immediately — the display performs a brief touch calibration for the first few seconds. Wait until the home screen has fully loaded before interacting.

Touch Control Doesn't Work with a Connected Laptop

Touch passthrough to a connected laptop requires the TOUCH USB port to be connected with the supplied USB cable in addition to the HDMI or USB-C video connection. On the 55 and 65-inch models, the rear HDMI input uses the rear TOUCH port; the tray HDMI 2 input uses the TOUCH port on the tray. Connect the USB cable to the correct TOUCH port for the HDMI input you're using.

No Image from a Connected Laptop

Check the HDMI cable — if it's not a Samsung-supplied cable, try a different quality cable before assuming the fault lies elsewhere. Cheap HDMI cables frequently cause intermittent or absent signals. Switch to the correct source input on the display using Menu → Sources.

If the display shows an image but it has black bars on all sides, this is usually a graphics card scaling setting on the laptop rather than a display problem. Update the graphics card driver and adjust the HDMI scaling settings.

No Sound from the Built-in Speakers

Check that the volume hasn't been muted and that the volume level is above zero. If using an HDMI connection, confirm the audio output on the connected PC is set to the display — Windows sometimes keeps audio routing to the laptop speakers when an HDMI display is connected. If using HDMI in, go into the Windows sound settings and select the display as the audio output device.

The Display Turns Off Unexpectedly

This is usually caused by the Auto Power Off or No Signal Power Off energy saving settings being configured with too short a timeout. Review the Power and Energy Saving settings under System and extend the timeout periods. If the display is in a room where it needs to remain on for extended periods, increase the interval or disable automatic shutdown.

I've Forgotten the PIN

The default PIN is 000000. If the PIN has been changed and is now unknown, the display requires a factory reset, which must be performed by a Samsung service technician. All stored data

including whiteboard rolls and installed apps will be deleted. A service fee applies. This is a compelling reason to document the PIN and store it securely when commissioning the display.

The Screen Has a Ghost Image or Retained Image

Image retention (often called burn-in) occurs when the same static content is displayed for extended periods. If you notice a ghost image, run the display at a lower brightness and use a moving screensaver for a few days — in most cases this resolves mild retention without service intervention. Enable screen saver in the system settings to prevent this from occurring.

★ **Kickstart Tip** Keep a log of when the display was installed, the current firmware version, and the configuration settings. This takes ten minutes and saves hours when something needs troubleshooting six months later.

Looking After Your Samsung Flip

Daily Use Limits

The WMFX is designed for commercial use but has a recommended operating limit of twelve hours per day. Continuous operation beyond this may affect panel longevity and can impact Samsung's warranty coverage. For environments requiring around-the-clock display operation, Samsung has dedicated signage models designed for that duty cycle.

Preventing Image Retention

Image retention — where a static image leaves a faint ghost on the panel — is the most common long-term concern with large format displays. The risk increases with high-brightness static content displayed for extended periods.

Practical prevention strategies include enabling the screen saver for idle periods, using Auto Power Off to turn the display off when the room is unoccupied, and avoiding the practice of leaving a static desktop wallpaper or logo at full brightness for hours at a time.

If the display needs to show static content for an extended event — a conference day where a sponsor logo sits in the corner for six hours, for instance — reduce the backlight brightness for that session.

Screen Cleaning

Clean the screen regularly with a slightly damp microfibre cloth followed by a dry cloth. Do this weekly in high-use environments. Avoid all chemical cleaners, glass sprays, solvents and abrasive materials.

For the external casing, a dry or slightly damp cloth is sufficient. The display should not be cleaned while powered on, and never spray liquid directly onto any part of the unit.

When to Call for Service

Contact your supplier or Samsung's commercial support team if the display develops any of the following: persistent image on screen that doesn't clear with normal screensaver use, touchscreen that stops responding to any input, unusual sounds or burning smell, or a display that won't power on despite the power cord being correctly connected.

Do not attempt to open or service the display internally. There are no user-serviceable components inside. Samsung and your installer can arrange authorised service.

★ **Kickstart Tip** Take a photo of the display installation — front, rear connections and mounting — when commissioning is complete. Store it with your equipment documentation. If anything needs to change or be repaired later, having a visual reference of the original configuration is invaluable.

Quick Reference: Common Tasks

How to Share Your Laptop Screen Wirelessly

- Ensure your laptop and the display are on the same Wi-Fi network
- On the display: Menu → Flip Essentials → SMARTVIEW+
- Note the URL shown on screen
- On your laptop: open a browser and navigate to that URL
- Install the security certificate if prompted
- Choose to share your screen, app window or browser tab

How to Connect a Laptop via USB-C

- Use a USB-C cable rated for DisplayPort Alt Mode and Power Delivery
- Connect to the USB-C port on the display tray (55/65") or front port (75/85")
- On the display: Menu → Sources → USB-C
- Your laptop screen will mirror to the display and touch control will work automatically

How to Save a Whiteboard Roll

- In the whiteboard, tap the Menu icon in the toolbar (three horizontal lines)
- Select Save (same name) or Save As (new name)
- To export: Menu → Export To, then choose email, mobile device or File Browser

How to Use Note On

- Menu → Tools → Note On
- A transparent writing layer appears over the current screen
- Use the pen tools to annotate
- Save the annotated view as an image or close without saving

How to Update the Firmware

- Menu → Tools → Settings → Support → Software Update → Update Now
- Or enable Auto Update for automatic overnight updates

How to Reset the PIN

- Default PIN is 000000
- Change under Menu → Tools → Settings → System → Change PIN
- If the PIN is lost entirely, a factory reset by Samsung service is required

How to Factory Reset the Display

- Menu → Tools → Settings → Support → Reset All
- This restores all factory settings and deletes all stored content
- Only do this as a last resort or when redeploying the display

Need help? Contact Kickstart Computers.

Phone: 0416 353 501 | Web: kickstartcomputers.com.au

We supply, install and support commercial AV and digital signage across Australia.

Continue Your Interactive Display Journey

Learn More About the Samsung WMFX Series

The Samsung WMFX Series product page on the Kickstart Computers website provides detailed information to help you evaluate, compare and purchase the right model for your environment. You will find:

- Complete technical specifications for all four models
- Side-by-side model comparisons
- Current pricing (inc. GST)
- Compatible accessories and firmware information
- Frequently asked questions and product availability

Scan the QR code or visit: <https://kickstartcomputers.com.au/shop/displays/interactive-whiteboard/samsung-flip-interactive-display/>



Scan to visit product page

Compare Australia's Leading Interactive Whiteboards

Choosing the right interactive display depends on the room, the people using it and the software environment it needs to support. The Kickstart Computers Interactive Whiteboard Resource Centre provides independent information to help you compare leading brands including Samsung, LG, Philips, Yealink and BenQ.

- Buying guides for classrooms, boardrooms and meeting rooms
- Side-by-side brand comparisons and installation advice
- OPS module information · Android vs Windows vs Tizen explained

Scan the QR code or visit: <https://kickstartcomputers.com.au/interactive-whiteboard/>



Scan to visit Resource Centre

About Kickstart Computers

Kickstart Computers is an Australian supplier specialising in commercial interactive displays, digital signage and collaboration technology for education, business and government. Established in 2007, we supply and support products across classroom, boardroom, meeting room and public display environments nationally.

This guide was independently prepared by Kickstart Computers to simplify the installation and everyday use of the Samsung WMFX Series. It is not an official Samsung publication. For complete technical, regulatory and warranty information, refer to the original Samsung user manual.

★ Did this guide help you?

We're a small, independent Australian business. If this guide made your setup easier, a Google review takes about 30 seconds and makes a genuine difference — it helps other buyers find us and lets us know we're doing the right thing.

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