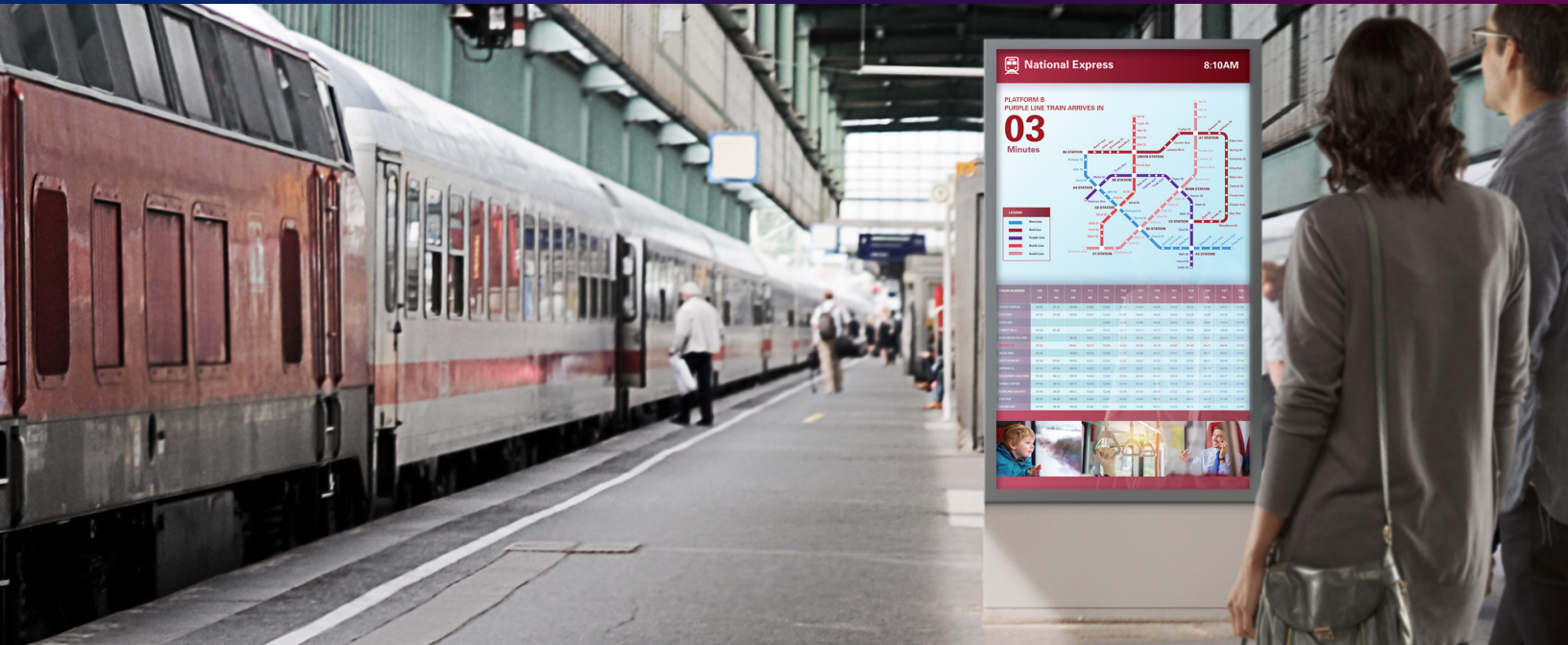


| | | | |
|-------|-------|-------|-------|
| 43.0" | PH43F | 55.0" | PH55F |
| 49.0" | PH49F | | |



Signage that takes it as well as it dishes it out

PHF Series 43"/49"/55" digital signage

Introducing digital signage panels that can handle less-than-ideal environments, while still delivering messages of extreme quality. Samsung PHF Series signage panels feature sharp, bright, exceptional images, with durability to match. These IP5X-rated displays are resistant to dust intrusion as well as airborne grease, Samsung PHF signage will deliver messages worry-free, 24/7. The 700 nits brightness combined with a non-glare screen produces captivating images easily seen even in brightly lit environments. They're the signage panels that can be counted on to communicate at the highest level, all day, every day.

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Key features



24/7 runtime for reliable, continuous operation

Commercial-level cooling technologies offer dependable reliability. Samsung PHF Series panels are designed to deliver messages around the clock, while also delivering peace of mind.



IP5X for lasting durability

PHF Series signage panels are rated IP5X dust-free, for long-lasting, trouble-free operation without any additional housing. They also feature anti-vibration technologies, to protect sensitive components in rugged environments.



700-nit brightness for bright environments

Bright 700-nit screens make PHF Series panels ideal for capturing attention in brightly lit areas.



Non-glare panel makes messages easier to see

Messages are easier to see with non-glare, anti-reflective panels that reduce reflection up to 44% (PH43F). Text is legible, visuals have maximum impact.



Next gen SSP 4.0 powered by Tizen OS

The Samsung Smart Signage Platform 4.0 delivers a powerful, all-in-one solution. The PHF panel's internal CPU and high-performance video processor deliver an integrated media player platform, eliminating the need for an external set-back box or PC.



Enhanced web compatibility with available B2B developer SDK

Samsung B2B SDK allows developers to build web-based apps for customer functionality and greater interactivity.



Ultra-slim, ADA-compliant profile of just 1.1"

The Samsung PHF Series signage panels are just 1.1" thick, including the mount, and they're ADA-compliant.

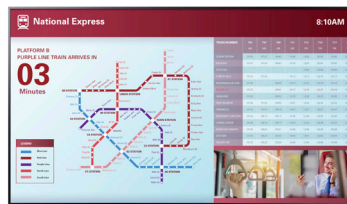
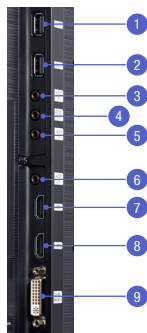
Samsung PHF series commercial LED LCD displays



| | | PH43F | PH49F | PH55F | |
|--------------------------|-------------------------|--|---|--|---|
| Panel | Diagonal Size | 43" | 49" | 55" | |
| | Type | 60Hz E-LED BLU | 60Hz E-LED BLU | 60Hz E-LED BLU | |
| | Resolution | 1920 x 1080 (16:9) | 1920 x 1080 (16:9) | 1920 x 1080 (16:9) | |
| | Brightness (Typ.) | 700 nits | 700 nits | 700 nits | |
| | Contrast Ratio (Typ.) | 5000:1 | 5000:1 | 5000:1 | |
| | Viewing Angle (H / V) | 178:178 | 178:178 | 178:178 | |
| | Response Time (G-to-G) | 8ms | 8ms | 8ms | |
| | Orientation | Landscape / Portrait | Landscape / Portrait | Landscape / Portrait | |
| | Operation Hours | 24/7 | 24/7 | 24/7 | |
| | Anti Reflective | 44% | 25% | 25% | |
| Sound | Speaker Type | Built in Speaker (10W + 10W) | | Built in Speaker (10W + 10W) | |
| Connectivity | Input | RGB | DVI-I (D-Sub Common), DisplayPort 1.2 (2) | | |
| | | Video | HDMI (2) | | |
| | | Audio | Stereo Mini Jack | | |
| | | USB | USB 2.0 x 2 | | |
| | Output | Audio | Stereo Mini Jack | | |
| | | External Control | RS232C (In / Out) thru Stereo Jack, RJ45 | | |
| Power | Type | Internal | | Internal | |
| | Power Supply | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz | | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz | |
| | Power Consumption | Max [W / H] | 154 | 165 | 187 |
| | | Typical [W / H] | 108 | 112 | 134 |
| | | Sleep Mode | Less than 0.5W | | Less than 0.5W |
| Off Mode | Less than 0.5W | | Less than 0.5W | | |
| Dimensions | Set (WxHxD) | 37.7" x 21.6" x 1.1" | 43" x 24.5" x 1.1" | 48.3" x 27.6" x 1.1" | |
| | Package (WxHxD) | 40.8" x 24.7" x 5.1" | 47" x 28.3" x 6.5" | 52.5" x 31.9" x 7.1" | |
| | Bezel Width (mm) | 6.9 (Top / Side), 8.9 (Bottom) | 6.9 (Top / Side), 8.9 (Bottom) | 6.9 (Top / Side), 8.9 (Bottom) | |
| Weight | Set | 29.5 lbs. | 29.1 lbs. | 35.9 lbs. | |
| | Package | 39.4 lbs. | 39.9 lbs. | 48 lbs. | |
| Features | VESA Mount | 200 x 200mm | | 400 x 400mm | |
| | Stand Type | Foot Stand (Optional) | | Foot Stand (Optional) | |
| | Special | Hardware | Non Glare Panel, Temperature Sensor, Videowall (15 x 15 [OSD]), Videowall Daisy Chain (16), Pivot Display, Clock Battery (80 hrs. Clock Keeping), Built in Speaker (10W x 2), Wi-Fi Module Embedded, IP5X, Center IR | | Non Glare Panel, Temperature Sensor, Videowall (15 x 15 [OSD]), Videowall Daisy Chain (16), Pivot Display, Clock Battery (80 hrs. Clock Keeping), Built in Speaker (10W x 2), Wi-Fi Module Embedded, IP5X, Center IR |
| | | Software | Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall, Multi Channel, Mobile Control, Event Schedule, Backup Player | | Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (HDCP Support), Firmware Update by Network, New Home Screen, PC-less Videowall, Multi Channel, Mobile Control, Event Schedule, Backup Player |
| | Internal Media Player | Cortex-A12 1.3GHz Quad Core, 2.5GB DDR3, 8GB FDM, USB 2.0, Tizen 2.4 (VDLinux) | | Cortex-A12 1.3GHz Quad Core, 2.5GB DDR3, 8GB FDM, USB 2.0, Tizen 2.4 (VDLinux) | |
| Environmental Conditions | Operating Temperature | 0°C ~ 40°C | | 0°C ~ 40°C | |
| | Operating Humidity | 10 ~ 80% | | 10 ~ 80% | |
| Accessories | Included | Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote | | Controller, Batteries, RS232C (IN) Adapter, Cover Jack | |
| | Optional | Stand | STN-L3240E | STN-L4655E | |
| | | Mount | WMN4070SD | WMN4270SD | |
| Media Player | SBB-DA / SBB-DI | SBB-DA / SBB-DI | SBB-DA / SBB-DI | | |
| Green Management | Emission Standard | EMC | | EMC | |
| | ENERGY STAR Compliant | ENERGY STAR 7.0 | | ENERGY STAR 7.0 | |
| | RoHS Compliant | Yes | | Yes | |
| | Packaging Recyclability | Packing Materials Recyclable | | Packing Materials Recyclable | |
| Service | Standard Warranty | 3 Years Onsite (Parts / Labor / Backlight) | | 3 Years Onsite (Parts / Labor / Backlight) | |

CONNECTIVITY

1. USB 1
2. USB 2
3. RS232C In
4. RS232C Out
5. Audio In
6. Audio Out
7. HDMI 1
8. HDMI 2
9. DVI / PC / MagicInfo In
10. DisplayPort In
11. DisplayPort Out
12. RJ45



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