



# Samsung LCD Monitors

Professional Audio/Video

Communication has always been important. But never so important as it is today. So many new ideas. So many new ways to communicate them. Whether conveying a message in 24/7 retail displays or working real time in CAD/CAM design, video editing, or video conferencing, your display should help you explore those opportunities. Samsung Professional Audio/Video LCD monitors give you superior color, contrast, brightness and resolution in sizes for every application. The world's largest LCD display provides 40 inches of impact for digital displays. Our 24" LCD gives video editors an astounding 1920 x 1200 native resolution. And our 1600 x 1200 21" LCD is ideal for CAD/CAM and engineering. Whatever you're doing, whatever you need, Samsung is dedicated to keeping the most amazing monitors on the market in front of you. And that will never change.

These days, the  
only thing that changes  
is everything.



**SAMSUNG**

# Patented PVA Technology

This patented Samsung technology is at the heart of every Samsung Pro A/V LCD. Our PVA (Patterned multiple domain Vertical Alignment) technology allows a full 170° viewing angle, wider than with any other screen technology. Our exclusive PVA technology also results in superior contrast, superior response time and excellent transmittance.

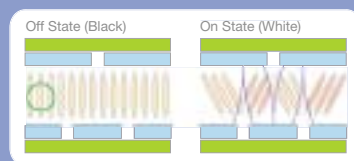
## PVA 170° Viewing Angle

Electron fringe fields create multi-domains in each cell to produce the largest viewing angle in the industry.



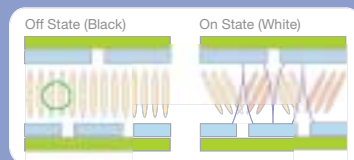
## PVA High Contrast

Nearly perfect vertical alignment of the liquid crystal produces a completely black state, yielding a very high contrast ratio.



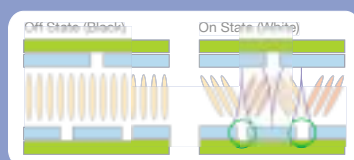
## PVA Fast Response

Vertical alignment of the liquid crystal results in extremely fast response to voltage.



## PVA Transmittance

Extremely narrow domain boundaries increase cell aperture ratio, allowing more light to pass and increasing brightness.



# 403T

# 240T

# 213T

40" viewable | digital/analog interface | 1280 x 768 (native)

24" viewable | digital/analog interface | 1920 x 1200 (native)

21.3" viewable | digital/analog interface | 1600 x 1200 (native)



The world's largest LCD display. Perfect for 24/7 digital signage, status control info, retail display, video conferencing or anywhere else a large, bright, easy-to-read display is required.

The world's first 24" digital/analog LCD display. Perfect for video editing and any other graphics application that demands the sharpest pictures and the absolute truest colors.

Precision digital quality in a large, slim LCD display. Perfect for CAD/CAM engineering and other detailed design work, due to its ultra-fine resolution and sharply rendered text and graphics.

- World's largest LCD
- 170° viewing angle
- Ultra-slim 3.9"
- S-Video, Composite, VGA, DVI and Component inputs
- 60,000-hour lamp
- Low power consumption
- P in P and P by P

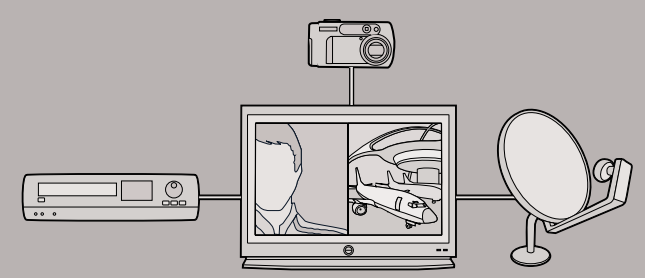
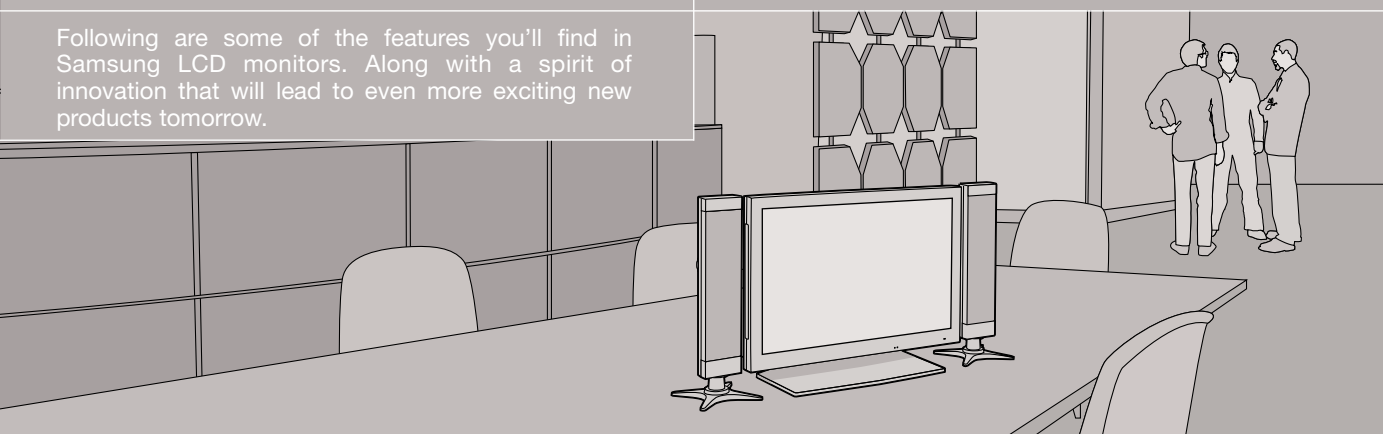
- 170° viewing angle
- HDTV ready
- Completely flat, distortion-free screen
- Accepts multiple video and analog inputs
- P in P and P by P
- Shown with optional speakers

- 170° viewing angle
- Completely flat, distortion-free screen
- Accepts VGA and DVI video inputs

## Features

Following are some of the features you'll find in Samsung LCD monitors. Along with a spirit of innovation that will lead to even more exciting new products tomorrow.

**Slim Design**  
Big, bold, rich images. Slim, sleek, space-saving monitors.



**Picture by Picture**  
Exclusive Samsung feature that lets you view two inputs side by side at full resolution (213T model excluded).

# 241MP

24" viewable    analog interface    1920 x 1200 (native)



A large, high-resolution LCD display. Perfect for video editing and any other graphics-intensive application that requires ultra-sharp pictures and brilliant, accurate colors.

- 170° viewing angle
- TV tuner
- HDTV ready
- Accepts multiple component, video and analog inputs
- Included full-range speakers

# 211MP

21.3" viewable    analog interface    1600 x 1200 (native)



A large, slim LCD display. Perfect for CAD/CAM engineering and other precision design work that demands fine resolution for crisp, clean text and sharp graphics.

- 170° viewing angle
- TV tuner
- HDTV ready
- Accepts multiple component, video and analog inputs
- Included full-range speakers

## Accessories



**Wall Mount**  
WML420 (403T)



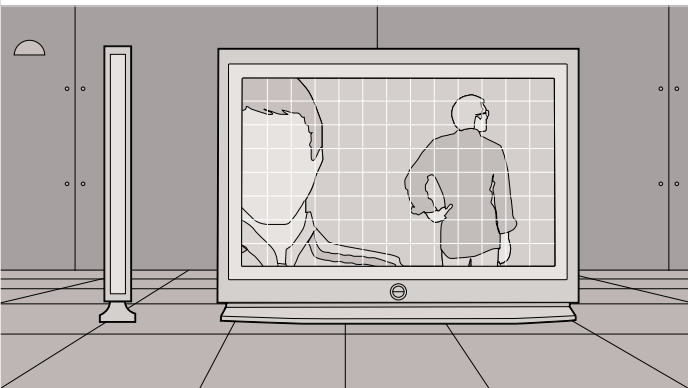
**Speakers**  
PSL4210 (403T)



**Speaker Stand**  
SSL210 (403T)

### Extended Warranty

Protect your investment. For information, call 1-866-542-7214 or ask your reseller.



### Flat Panel

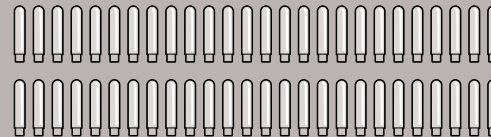
Clear, distortion-free graphics from edge to edge, corner to corner.

### Extraordinary Value

Unbelievable technology combined with realistic, budget-conscious price points.



=1000 hrs.



=50000 hrs.

### Long Life

Run our LCD monitors 24/7 for five years (about 50,000 hours). Change the lamp. You're set for another five years.

## Support

### We're here when you need us.

Our industry-leading technical support is available on all Samsung LCD monitors. Just call us at 1-800-SAMSUNG.

### We're there when you need us.

On-site warranty service is provided with your new Samsung LCD monitor. Warranty is 3 years, parts and labor. On-site service is usually within two business days. Restrictions may apply. Call 1-800-SAMSUNG for details.



**Product Specifications**

	403T	240T	213T	241MP	211MP
Panel	a-si TFT/PVA	a-si TFT/PVA	a-si TFT/PVA	a-si TFT/PVA	a-si TFT/PVA
Viewable Size	40"	24"	21.3"	24"	21.3"
Native Resolution (Optimum)	1280 x 768	1920 x 1200	1600 x 1200	1920 x 1200	1600 x 1200
Maximum Resolution	1280 x 768	1920 x 1200	1600 x 1200	1920 x 1200	1600 x 1200
Pixel Pitch (mm)	0.681	0.270	0.270	0.270	0.270
Brightness (Typical)	500 cd/m <sup>2</sup>	270 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	270 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Contrast Ratio	600:1	500:1	500:1	500:1	500:1
Colors Supported	16.7M	16.7M	16.7M	16.7M	16.7M
Viewing Angle (H/V)	170°/170°	170°/170°	170°/170°	170°/170°	170°/170°
Interface	Analog/Digital	Analog/Digital	Analog/Digital	Analog	Analog
Input Video Signal	Analog RGB, DVI Digital Link, S-Video, Component/HDTV	Analog RGB, DVI Digital Link, S-Video, C-Video HDTV	Analog RGB, DVI Digital Link	Analog RGB, CVBS, S-Video, Component/HDTV, TV Antenna/Cable	Analog RGB, CVBS, S-video, Component/HDTV, TV Antenna/Cable
Sync Type	Separate H/V, Composite H/V, SOG	Separate H/V, Composite H/V, SOG	Separate H/V, Composite H/V, SOG	Separate H/V, Composite H/V, SOG	Separate H/V, Composite H/V, SOG
Input Connectors	15-Pin D-Sub, DVI-D, S-Video, BNC Connector, Component, HDTV, External Control, Audio	15-Pin D-Sub, DVI-D, S-Video, RCA Connector	15-Pin D-Sub, DVI-D	15-Pin D-Sub, S-Video, RCA Connector, Component x 2, HDTV, TV Antenna/Cable, Audio	15-Pin D-Sub, S-Video, RCA Connector, Component x 2, HDTV, TV Antenna/Cable, Audio
Horizontal Frequency (kHz) – Analog	31 – 70	30 – 93	30 – 93	30 – 85	30 – 85
Horizontal Frequency (kHz) – Digital	31 – 50	30 – 81	30 – 81		
Vertical Frequency (Hz)	55 – 85 (60Hz @ WXGA)	56 – 85	56 – 75	55 – 85	55 – 85
Bandwidth (MHz)	100	200	162	193	193
Plug and Play	DDC 1/2B	DDC 1/2B	DDC 1/2B	DDC 1/2B	DDC 1/2B
Wall Mount	Optional	Optional	VESA 100mm Compatible	Included	Included
Power Consumption (Max)	220 Watts (Max)	95 Watts (Max)	75 Watts (Max)	120 Watts (Max)	120 Watts (Max)
Emission Standard	TCO '95	TCO '95	TCO '03	TCO '95	TCO '95
Multimedia Speakers	Optional	Optional		Included	Included
Mac Compatibility	Yes	Yes	Yes	Yes	Yes
Sun Compatibility	Yes	Yes	Yes	Yes	Yes
Dimensions (W x H x D)	38.3" x 26.5" x 3.9"	24.4" x 19" x 9"	18.6" x 18.2" x 8.2"	24.3" x 18.6" x 8.4"	22.4" x 18.7" x 8.4"
Net Weight	58.2 Lbs.	30.4 Lbs.	24.9 Lbs.	26.7 Lbs.	22 Lbs.
Parts/Labor/Backlight Warranty (Years)	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3
Available Colors	Black	Silver	Silver, Black	Silver	Silver

