SAMSUNG
ELECTRONICS

Digital/Analog LCD Series

SyncMaster™
240T

Defy the ordinary™

- **24" viewable HDTV-ready WUXGA LCD**
- **1920 x 1200 active native resolution**
- **Xtrawide™ 170° viewing angle**
- **Ultra high brightness (230 cd/m²)**
- **450:1 ultra high contrast**
- **Analog/Digital/S-Video video input**
- **Switchable aspect ratio 16:10, 5:4, or 4:3**
- **Picture-in-picture, picture-by-picture**
- **Digital zoom to 64 times**
- **Easy access one-button auto adjustment**
- **Remote control (OSD and input selection)**

Introducing the revolutionary new SyncMaster 240T—the world's first 24" TFT LCD monitor. With extensive multimedia capabilities, brilliant colors, and immaculate clarity, the 240T expands your productivity as it expands your viewing area. The powerful 240T will redefine the way you work with a complete desktop multimedia presentation and video display in one exquisitely designed device.

Push the limits of technology in any industry with the 240T's picture-in-picture, and picture-by-picture capability that lets you view two input sources simultaneously with amazing clarity. Meet the demands of the entertainment industry with multimedia capabilities like direct interface for VCR, DVD, digital satellite receiver, camcorder, and more. Add features like auto adjustment, color control, and image enhancement, and you've got the perfect tool for high-end corporate settings. So, no matter what you do, from executing finely detailed CAD/CAM drawings to creating extensively layered graphics, the 240T delivers powerful performance that's larger-than-life. The new age of technology has arrived—and it's bigger than ever.

SAMSUNG DIGITall
everyone's invited™

Digital/Analog LCD Series

SyncMaster 240T

Optional Stereo Speakers

Connectors
15-Pin D-Sub, DVI-D, S-Video, RCA (video)

MODEL# 240T

Panel

Type	a-si TFT-LCD (active matrix)
Pixel Pitch	0.27mm H/V
Maximum Color	16.7M
Size	24.06"
Luminance	230 cd/m^2
Contrast Ratio	450:1
Viewing Angle (L/R)	170°/170°

Resolution

Maximum - Analog	1920 x 1440 @ 60 Hz
Maximum - Digital	1280 x 1024 @ 60 Hz
Native	1920 x 1200

Scanning Frequency

Horizontal	30-93 KHz
Vertical	56-85 Hz
Maximum Pixel Rate	200 MHz

Controls

LCD Panel Controls	Power, Brightness (+Up, -Down), Auto Adjust, Menu, Exit, PIP Video Select & Video Indicator (15-Pin D-Sub or DVI-D)
OSD Controls	Brightness; Contrast; Image Lock: Coarse, Fine; Auto Adjust; Position: H/V; Color Control: Red, Green, Blue; Reset: Geometry, Color; Image Size: Normal, Expand 1 & 2; Image Effect: Sharpen, Medium, Soften, Zoom, Pan (H-pan, V-pan); PIP: Size (off, 1, 2, 3), H/V Position; PBP: Mode (off, 1, 2), PC source (1, 2), Video source (1, 2); Language: English, Deutsch, French, Spanish, Italian; OSD: Halftone; Position: H/V; OSD Display Time: 5, 10, 20, 200 seconds; Display Mode: Info H/V Frequency & Resolution, Input (Analog, Digital, and Video); Video Control: Brightness, Contrast, Saturation, Hue

Video

Input Video Signal	Analog RGB, DVI-Digital Single Link
Video Level	Analog: 0.7Vp-p Digital: TMDS™
Sync Type	Separate H/V, Composite H/V, SOG

Connector

Analog	15-Pin D-Sub (female)
Digital	DVI-D (female)
Video	S-Video, RCA (video)

Plug & Play
DDC1/DDC2B

Wall Mount
VESA - Standard 100mm x 2

Power Consumption

On/Working	< 80 Watts Maximum
Stand-By/Suspend/Off	< 5 Watts

Power Management

Regulations	VESA DPMS, Energy Star, NUTEK

Regulations

Safety	UL1950, CSA, TUV, IEC 950, Korean, NEMKO
EMI/Emissions	FCC Part 15, DOC, CISPR 22 (EN55022), Korean EMI EN50082-1, MPRII, VCCI, TCO '95
Ergonomics	EK 1/59,60, ISO 9241-3(display)-8(color)-7 (reflection)

Dimensions

Unit W x H x D	24.4" x 19.0" x 8.97"

Weight
30.36lbs (13.8kg)

Warranty
3 Years P&L; 3 Years Backlight

Included Items
15-Pin D-Sub Signal Cable, DVI-D Signal Cable, S-Video Cable, RCA Cable, Remote Control

Optional Multimedia

Audio Controls	Power, Volume, Bass, Treble, Source Input (A-VCR, B-Sound Card)
Speakers	Woofer 3" Shielded, Tweeter 1.5" PIE Dome
Output Power	Maximum 5 Watts/Ch Stereo

Optional Accessories
USB Powered Hub, Macintosh Adaptor (MacMaster™), Sun Microsystems Adaptor - 13w3 Resolution @ 1152 x 900 66Hz

Compatible Computer Systems
Windows, Macintosh, and Sun Microsystems

240T - 4/01

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