

# LCD LTN325W

32" Wide HDTV Monitor with  
Multi-Media PC/DVD/TV Inputs



*Samsung is the leader in development and manufacturing of LCD TV's. The new LTN325W is the best in class with unique picture enhancement circuitry like DNIe™, ultra fast pixel speed, and industry leading contrast and brightness. But the true beauty of these sets is the fact that such stunning quality and features are available in such a thin, light and beautiful cabinet. You can use it as an HDTV monitor, connect the latest audio, video, and gaming devices, or even hook up your PC and use it simultaneously. Flexibility, performance and beauty - executed in a form only available from Samsung.*

#### TV/VIDEO

- 1280 (H) x 768 (V) Pixel Resolution
- Widescreen Aspect Ratio
- 600:1 Contrast Ratio
- 500 cd/m<sup>2</sup> Brightness
- DNIe™ (Digital Natural Image engine)  
Detail Enhancement  
Contrast Enhancement  
Noise Reduction  
White Balance Enhancement
- Dual NTSC Tuner Built-In With Split Screen & PC Picture-In-Picture
- 170° (H) / 170° (V) Viewing Angle
- 16 ms Response Time
- 3D Y/C Digital Comb Filter
- Swivel Base

#### AUDIO

- Detachable Side Speakers With 10 Watts x 5 Audio Power
- Dolby® Digital Surround Sound

#### CONNECTIONS

- 2 Component Video Inputs (Y, Pb, Pr) 480i/480p/1080i/720p
- DVI-Digital Visual Interface
- S-Video Input
- Two Composite Video Inputs



All on-screen images are simulated pictures.  
All features, specifications, model numbers subject to change.

# LCD LTN325W

## 32" Wide HDTV Monitor with Multi-Media PC/DVD/TV Inputs

### FEATURES

**1280 Horizontal x 768 Vertical Pixel Resolution.** High resolution pixel density with built-in image scaler to handle inputs from a variety of digital\* or analog audio/video sources..

**600:1 Contrast Ratio/500 cd/m<sup>2</sup> Brightness.** As two of the most important

determining factors in overall picture quality, contrast and brightness levels achieve new heights in these latest generation LCD panels. Samsung's new LCD TV's give the most stunning realistic picture quality ever from a flat panel set.

**DNLe™ The Samsung Digital Natural Image engine™.** This exclusive Samsung technology dramatically improves the picture by enhancing the contrast, detail, white balance and reduces noise.

**Split PC Picture-In-Picture** allows you to watch video/TV while working on the PC. **2-Tuner PIP With Side-By-Side Split Screen** enables convenient simultaneous viewing of TV programs and video or PC sources

**3D Y/C Digital Comb Filter** constantly analyzes the three dimensions of picture height, picture width, and picture changes-over-time, to dramatically reduce edge image artifacts while improving transition detail.

**V-Chip System<sup>1</sup>** allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

**Trilingual On-Screen Displays** in English, Spanish or French.

**Color Temperature Control** Normal, Warm and Cool selectable with On-Screen Display.

**Closed Caption<sup>1</sup> (CC)** displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

**Screen Capture Picture Freezing** stops the action as a still frame.

**Variable Sleep Timer** to turn the TV off in varying time intervals.

**Clock** with on/off timer.

Side view



Rear Jack Panel



### Progressive Scan 480p DVD

**Compatible:** accepts a 480p signal via a component input from a Progressive Scan DVD Player or game console.

**Picture Modes:** Custom, Standard, Dynamic and Movie allows easy one-step picture setting.

**Plug & Play Setup** uses automation and simple menus to select the source (broadcast or cable), set the clock, and map the active channels.

**Stereo Broadcast Reception (MTS & SAP)**

**Dolby® Digital Surround Sound** built-in 5.1 Ch. decoder for surround sound.

**Sound Mode.** Standard, Music, Speech, Movie and Custom allows tailoring of sound to fit audio characteristics of different programs.

**Auto Volume Leveler** keeps audio volume consistent during channel changing.

### CONNECTIONS

**Component Video Inputs:** 2 (Y, Pb, Pr) 480i/480p/1080i/720p

**DVI-HDTV Interface with HDCP Copy Protection** enables an all-digital rendering of video without the losses associated with an analog interface. DVI supports up to 24-bit digital RGB data for each pixel for the highest image quality. High-bandwidth Digital Content Protection (HDCP) provides a protected interface which opens the availability of high value content such as premium high-definition satellite receivers and new digital cable boxes. This DVI-HDTV interface is compatible with the next generation name, HDMI, by means of a cable adaptor.

**S-Video Input**

**2 Composite Video Inputs**

**PC Audio Input**

**Speaker Output for Left/Right/Center/L-Surround/R-Surround x 10 Watts Each**

**Line-Level Sub-Out**

**RF Input**

**Stereo Headphone Jack**

### WARRANTY

1 year parts and labor warranty (90 days parts and labor for commercial use), backed by Samsung toll-free support.

### SPECIFICATIONS

**Panel:** TFT-LCD

**TV System:** American NTSC standard color

**Channel Coverage:** VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

**Antenna:** CATV/VHF/UHF 75-ohm, F-type

**Audio Power:** 10 watts RMS/channel, 50 watts total

**Power Requirements:** 120W AC, 60Hz

**Power Consumption:** Approximately 140 watts (power-on), 1.0 watts (standby)

**Response Time:** 16 ms

### NET DIMENSIONS AND WEIGHT (WxHxD)

**Monitor:** 31.5" x 23.5" x 3.4"

**Monitor Weight:** TBD

**Monitor with Stand:** 31.5" x 24.6" x 8.6"

**Monitor with Stand Weight:** 48.5 lbs.

**Monitor with Stand and Speakers:** 39.9" x 24.6" x 8.6"

**Monitor with Stand and Speakers Weight:** 57.3 lbs.

**Speakers:** 4.1" x 23.5" x 2.3"

**Speakers Weight:** 8.4 lbs.

### SHIPPING INFORMATION (W x H x D)

**Monitor with Stand and Speakers:** 38.2" x 31.8" x 19.6"

**Monitor with Stand and Speakers Weight:** 66.1 lbs.

### MONITOR

**UPC:** 036725232501

**Order Code:** LTN325WX/XAA

### ACCESSORY (W x H x D)

**Wall Mount:** WMTL3200

**Net Dimensions:** 20.6" x 16.9" x 2.1"

**Net Weight:** TBD

**Shipping Dimensions:** 34" x 20.3" x 3.9"

**Shipping Weight:** 18.4 lbs.

**UPC:** 036725240148

**Order Code:** WMTL3200X/XAA

<sup>1</sup>Feature dependent upon broadcasting of information by local off-air TV and cable channels.

\*A digital receiver is required to view DTV programming. An external antenna may be required to receive the over-the-air signal.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. Dolby is a registered trademark of Dolby Laboratories. All brand, product, service names and logos are Trademarks of their respective manufacturers and companies.

603-SS Printed in USA

© 2003 Samsung Electronics America, Inc.

Samsung Electronics America, Inc.  
105 Challenger Road  
Ridgefield Park, NJ 07660-0511  
Tel (201) 229-4000 • 1-800-SAMSUNG  
www.samsungusa.com