

# PLASMA+ TV SERIES



## PRODUCT HIGHLIGHTS

50" Plasma HDTV

- Ultra Slim Design
- Internet@TV interactive content
- Experience 3D excitement on your HDTV

	GOOD	BETTER	BEST
RESOLUTION	1080p		
REFRESH RATE	600Hz		
# OF HDMI CONNECTIONS	4		
CONTRAST RATIO	7,000,000:1		

Samsung's new C8000 series Plasma flat-panel HDTVs represents our best design innovations and performance found in our 2010 line of Plasma TVs. First impressions begin with an elegantly styled brushed metal gray cabinet that measures a mere 1.5" deep. Lighter in weight, more efficient than our previous designs, our feature innovations offer a more powerful Internet@TV with customizable access to Internet content, a convenient home-networking capability via its DLNA® standard connectivity, a high-speed USB port, and the new 3D HDTV viewing experience with optional Samsung 3D glasses. Picture performance refinements are aimed at delivering a very natural, film-like, highly detailed picture with deep black levels and brighter colors. Features also include Samsung's Cinema Smooth™ processing, Motion Judder Canceller and Real Black Filter. Sit back and enjoy the C8000 series Plasma HDTVs with a smartly designed brushed metal-wrapped remote controller.

## PN50C8000

50" Widescreen Plasma HDTV

[49.9" (truncated) actual diagonal screen size]

### TV SPECIFICATIONS



- Ultra Slim Design
- Touch of Color™
- 1080p Full HD resolution
- E<sup>3</sup>-Panel advanced technology
  - FilterBright® Antiglare
  - 600Hz Subfield Motion
  - 1080p Full HD Motion
  - Mega Dynamic Contrast ratio
  - .001ms response time
- HDTV off-air and Clear QAM Digital Cable Tuner
- Crystal Full HD Engine with Cinema Smooth™
- Exceeds ENERGY STAR® standards

### FEATURES



- 3D-HD ready
- Medi@2.0™
  - Internet@TV
  - DLNA® networking
  - Content Library™
  - ConnectShare™ Movie
- Clear Image Panel
- BD Wise™
- Motion Judder Canceling
- Real Black Filter

### CONNECTIONS



- 4 HDMI\*
- 2 USB

### AUDIO

- SRS TruSurround HD™
- Watts per channel: 10W x 2

### NET DIMENSIONS (WxHxD)

TV without stand: 47.7" x 29.5" x 1.4"  
 TV with stand: 47.7" x 31.8" x 8.9"

### UPC

036725234123



# PN50C8000 50" Widescreen Plasma HDTV

## SPECIFICATIONS

**Ultra Slim Design:** Stunning ultra-slim depth – includes tuner (no external transceiver box).

**Touch of Color™:** Exclusive Touch of Color design combines texture and color that can complement any room.

**1080p Full HD Resolution:** Enjoy the powerful picture quality, vivid colors and stunning clarity of Full HD 1080p resolution.

**E<sup>3</sup>-Panel single-filter design:** Delivers improved performance in the areas of color saturation, contrast and energy efficiency.

**FilterBright® Antiglare:** Minimizes reflections and glare caused by ambient light.

**600Hz Subfield Motion:** Offers crisp, clear Plasma HD action in every frame.

**1080p Full HD Motion** delivers better resolution with less blurring during faster motion sports, movies and games.

**Mega Dynamic Contrast ratio:** An unparalleled Mega Dynamic Contrast ratio brings together the deepest blacks and brightest whites.

**Response time:** A fast .001ms response time optimizes fast motion video content.

**Crystal Full HD Engine:** Images of incredible clarity are achieved by the Samsung Crystal Full HD Engine chip. By unifying all of the TV's advanced imaging technologies, the Samsung Crystal Full HD Engine expands performance, enhances all aspects of the image, and takes picture quality and image integrity to new levels of excellence.

**Cinema Smooth™:** Cinema Smooth lets you enjoy the unbelievably smooth, realistic action in every frame.

**Built-in digital tuner:** No external box needed.

**Exceeds ENERGY STAR® standards:** Energy saving, up to 43% less than our similar 2009 Plasma TV in standard mode.

See [www.energystar.gov](http://www.energystar.gov) for more details.

## FEATURES

**3D HD:** Samsung 3D technology makes images leap off the screen – so you feel like you're a part of the action. Sync up with our Samsung Blu-ray™ Player to experience movies in 3D on your TV – and enjoy more TV broadcasts in stunning 3D, coming soon.

**Internet@TV:** Connect to an ever-expanding portal of your favorite digital content. Customizable widgets give you access to BLOCKBUSTER®, Facebook®, YouTube™, Flickr® and more – all on your HDTV.

**DLNA®-enabled**

**Content Library™ (Flash Memory):** stores limited amount of pictures and video for playback.

**ConnectShare™ Movie:** Connect a thumb drive or digital camera quickly and easily. User-friendly interface allows access to videos, music playlists and pictures via the remote.

**Clear Image Panel:** A reflection-reducing coating on the inside of the panel virtually eliminates picture distortion.

**BD Wise™:** Automatically adjusts all your components for the best picture and sound quality.

**Motion Judder Canceling:** Samsung's Motion Judder Canceller virtually eliminates blurring, even with fast-moving images. Whether you're watching action films or sporting events, you won't miss a second of the action.

**Real Black Filter:** The Samsung Real Black Filter reduces the onscreen glare caused by external light, so every black shadow and dark detail is as crisp and well defined as possible.

**Vesa Wall Mount Support:** 15.7" x 15.7"

## CONNECTIONS

**4 HDMI® (High-Definition Multimedia Interface)**

**2 USB**

**PC Input:** 1 – Backside

**Stand-by Power Consumption < 1watt**

**Component:** 2 (back)

## AUDIO

**SRS TruSurround HD™:** Get crisp, clear digital-quality sound via advanced SRS technology.

**10 Watts x 2 audio power stereo broadcast reception:** Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity.

**Component Video Inputs:** 2 – Backside

**Digital Audio:** 1 – Backside

**PC Audio Input:** 1 – Backside

## NET DIMENSIONS & WEIGHT (WxHxD)

**TV without stand:** 47.7" x 29.5" x 1.4"

**TV without stand weight:** 54.0 lbs

**TV with stand:** 47.7" x 31.8" x 8.9"

**TV with stand weight:** 63.5 lbs

## SHIPPING INFORMATION (WxHxD)

**Dimensions:** 62.0" x 33.9" x 9.8"

**Weight:** 77.2 lbs

## WARRANTY

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

## ORDER CODE

PN50C8000YFXZA

## UPC

036725234123

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