

# SP50A

## *Slim and Superior Widescreen Display*

OptomaTV. With breakthrough plasma display technology, OptomaTV plasma television delivers unparalleled clarity, contrast, and color. Image quality is further enhanced with pure digital signal processing from source to screen, 1366 X 768 progressive scan resolution, and native 16:9 widescreen format which eliminates image distortion.

- ◆ **Ultra slim 50 inch High Definition plasma TV**
- ◆ **HDTV-ready with native 16:9 format for 480p, 720p 1080i, and 1080p signals\***
- ◆ **1080p capable, for the ultimate HD viewing experience\***
- ◆ **Multiple connectors (DVI-D, Component Video, Composite, S-Video, RF, VGA/YPbPr)**
- ◆ **DVI-D with HDCP connector ensures compatibility with future digital devices**
- ◆ **RS-232 for communication with professional control systems**



## Specifications

**Native Resolution**  
1366 X 768

**Video Compatibility**  
NTSC 480i, 480p, 720p, 1080i, 1080p\*

**Dimensions (W x H x D)**  
47.9 x 30.1 x 3.9 inches

**Brightness**  
400 Nits

**Computer Compatibility**  
VGA, SVGA (800 x 600), XGA (1,024 x 768), 1,280 x 720, SXGA (1,280 x 1,024), UXGA (1,600 X 1,200)

**Weight**  
114 pounds (51.7kg);  
With stand: 134 pounds (60.8kg)

**Contrast Ratio**  
3000:1 (typical)

**I/O Ports (Input)**  
D-Sub 15-pin RGB/ YPbPr, Component Video, Component Video (480i), RCA Audio L/R, DVI-D with HDCP, Mini-Jack PC Audio, S-Video, Composite Video, RF Antenna

**Power Supply**  
AC input 90-140V or 186-264V;  
Input Frequency: 50-60Hz

**Screen Size**  
50 inch Diagonal

**Displayable Colors**  
16.77 millions colors

**I/O Ports (Output)**  
RCA and Amplified  
Audio L/R out (8W + 8W)

**Power Consumption**  
495 watts at normal operation  
Standby mode < 3 watts

**Noise Level**  
28 dB

**Closed Captioning and V-Chip**  
Yes

**Resolution**  
UXGA, SXGA, XGA, SVGA, VGA

**Standard Accessories**  
Power Cord, D-Sub to Component (YPbPr) adapter, Mini Stereo to RCA, Remote Control, Batteries, User Guide

**TV Tuner**  
181 Channels

**Multimedia Audio**  
MTS Stereo / SAP (applied to NTSC only)

**Optional Accessories**  
Speaker, Pedestal Stand, Wall Mount

**Limited Warranty**  
One year limited parts and labor

\*1080p through DVI-D