SAMSUNG

PlasmaTV
Tantus

16:9

HPL6315

63" World's Largest
Plasma HDTV Monitor

- 63" wide screen plasma HDTV monitor

- Slim design

- Fan-less for noise-free operation

- 1366 x 768 resolution

- 500:1 contrast ratio

- Brightness 450 cd/m^2

- Picture-In-Picture source select

- Auto pixel shift to minimize burn-in

- 3D digital comb filter

- S-Video input

- 1080i/720p/480p compatible video input

- Component video input terminals (Y, Pb, Pr)

- Computer input D-sub 15-pin

- Superior sound quality (7W + 7W) amplifier

- Class "B" certification for residential applications

- 2 year warranty parts & labor

HIGH DEFINITION TELEVISION
HDTV
MONITOR

Simulated TV Picture

SAMSUNG DIGITall
everyone's invited™

Tantus

HPL6315

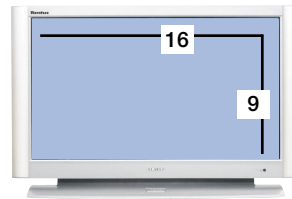## 63" World's Largest
Plasma HDTV Monitor

The svelte profile and lustrous clarity of Samsung's Plasma display monitors make them the super-models of TV. Shamelessly flaunting their trim bodies, they're less than 4" deep, with an elegant brushed-aluminum bezel. They drape your walls with razor-sharp, distortion-free images and rich, vivid, accurate colors. Every program is just as dazzling as a runway show when you see it on Samsung's 63" (the world's largest) plasma monitor. A high-definition monitor with one of the world's best brightness ratings. Samsung's consumer Plasma Monitor models are all rated "FCC Class B" – intended for use in residential applications.

F E A T U R E S

Wide screen 16:9 display: All Samsung Plasma TVs come in wide screen 16:9 format, so that you can see movies the way they were originally intended by their directors - not "reformatted to fit your TV."

16

9

High-resolution XGA and HDTV monitor: Extremely powerful and quick, Samsung's Plasma Monitors can handle the greatest challenges presented by digital and analog sources. With up to 1366 X 768 resolution, they can handle the fine detail and rich color of computer graphics, as well as fast-moving video for DVD and HDTV sources.

Conventional noise reduction   3D noise reduction

Totally convergent: Whatever source you want to watch, Samsung Plasma Monitors have the input you need. All models are equipped with DVD/HDTV component (Y, Pb, Pr) inputs, S-video, coaxial and D-Sub 15-Pin PC inputs.

Digital enhancement: No matter what type of input signal you supply (TV, DVD, PC, etc.), Samsung Plasma monitors optimize the clarity of graphics and text with unique digital enhance-ment technology.

6:9

Quiet, fanless operation: Some plasma monitors contain one or more cooling fans, which can create distracting background noise. Not the Samsung Plasma Monitor. Samsung's unique conductive design ensures a quiet viewing experience while also keeping the unit running cool.

Flicker-free images with progressive scan: Progressive scan eliminates the flicker that you see on traditional, interlaced scanning TVs. Moreover, Samsung Plasmas are compatible with all progressive scan signals from high-quality DVD players and HDTV decoders, for brilliant flicker-free images from any source.

Anti-reflection screen: Samsung's multi-layered anti-reflection screen eliminates glare caused by ambient light, for optimum viewing from every angle. The result is better color, higher contrast and smoother images. The screen's scratch-resistant exterior also insures a bright future.
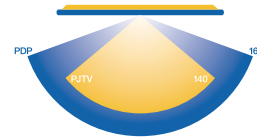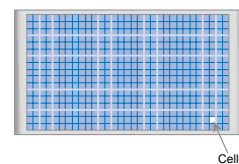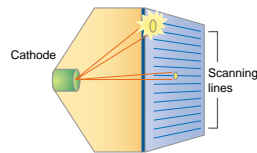

Conventional   Samsung

Unrivaled brightness and vivid colors: One of the brightest displays you'll find anywhere, the Samsung Plasma achieves a contrast ratio of 500:1, and can display 16.7 million colors. the secret to these intense images lies in tiny black-stripe indicators between the phosphor cells.

Wide viewing angle: Due to its completely flat surface and intense brightness, the Plasma can be watched across a 160-degree viewing angle. So there's never a bad seat in the house.

The advantages of fixed pixel displays: In a traditional CRT television, phosphors are stimulated by an electron beam, which can cause some geometric distortion, uneven light output, and difficulty focusing. In a Plasma Monitor, each phosphor is stimulated individually, resulting in no geometric distortion, even light output, and perfect focus.

Cathode

Scanning lines

Cell

SAMSUNG

16:9

HPL6315

63" World's Largest Plasma HDTV Monitor

PRL3100

MONITOR FEATURES

1366 X 768 Horizontal and Vertical High Pixel Count fully digital display presents video and text with outstanding clarity and resolution over high definition direct view television systems. This widescreen pixel count is a natural & true 16x9 format that also results in better image quality over non 16x9 pixel count plasma formats most noticeable when viewing digital TV broadcasts and DVD movies.

PDP Technology or Plasma Display Panel is the driving design that combines flat-matrix pixel imaging and RGB color phosphors in a thin, lightweight housing. Plasma is a term that describes the temporary conductive state of the low-pressure gas used in these panels. They act as a conductor via ion charges that illuminate tiny color pixels and seen as images on the screen. Each pixel is addressable to achieve an "on or off" state making the PDP panel a fully digital display that results in a higher detailed picture compared with analog display technology found in CRT based TVs.

Progressive Scan System displays flicker free images across the screen regardless of input format and scanning rate.

Wide Viewing Angle delivers 160 degree horizontal and vertical viewing angle.

Totally Flat Image Area is the reason why there are virtually no distortions generated by the glass surface of the plasma TV module because it is completely flat on both sides.

High Brightness rated at 450 cd/m

High Contrast rated at 500:1

Built-In 7-Watt Per Channel Stereo Amplifier for powering external speakers.

Samsung Digital ProPicture™ provides superior conversion of all input signals to achieve a high quality progressive scan picture. Advanced noise reduction, detail and contrast enhancement are also part of Samsung's design for delivering a stunning and clear natural picture.

Floating Bias Method Drive (FBM) improves contrast ratio by minimizing unwanted background luminance.

Advanced Anti-Reflection Filter is comprised of a multi-layer coated screen filter to reduce annoying reflections.

Fan-less noiseless design ensures ideal residential application solution for quiet operation.

Auto Pixel Shift greatly reduces screen aging irregularities caused by bright still images and varying screen-size formats that do not fill the screen. This feature combined with aspect ratio adjustments virtually eliminates uneven screen aging.

Class "B" certification for residential applications

OPTIONAL RECEIVER/ SELECTOR FEATURES (PRL3100)

Plasma TV Receiver/Selector tunes analog TV and cable TV signals plus it operates as a component selector that simplifies operation and connections to the PDP monitor by way of component video outputs.

HDTV Tuner capability offers access to free-over-the-air digital TV signals. The result is staggering when compared to conventional direct view or projection HDTV widescreen sets.

PC Compatibility is made possible via a 15 pin D sub connection via the receiver.

Dolby ProLogic Decoder is built into the Plasma TV receiver/selector that decodes and outputs center channel and left and right surround sound signals for connection to a surround sound system amplifier.

3D Digital Comb Filter further enhances color correction from analog input sources over 3-line and 2D comb filters.

Picture-In-Picture permits viewing a second video source in a smaller inset screen.

Variable Screen Size Selection accommodates different video format screen sizes offering a selection of two zoom modes, a wide mode, panoramic for encoded video and a normal mode.

OPTIONAL ACCESSORIES

Wall Mount Kit - WML630 permits safe and secure installation to a wall or other vertical structure. A professional installation is recommended for the wall mount kit and electric outlet.

Table Stand Kit - SML630 simplifies standing the plasma TV monitor on a furniture stand, wall unit or heavy duty shelf system.

CONNECTIONS

External speaker out jacks

Power input jack

RGB input 1 jack 15 pin

RGB input 2/component video input jacks (H/V/R/G/B, Y/Pb/Pr)

Video input jack

S-Video input jack

Audio input (video/component/PC) jacks

RS 232C input/output jacks

Power consumption: 725 watts

QUALITY

Warranty: 2 year parts and labor warranty (90 days parts and labor for commercial use) backed by Samsung toll-free support

SUPPLIED ACCESSORIES

Remote control/AAA battery, PC cable, power cord, S-Video cable, Video/audio cable, owner's instructions

DIMENSIONS AND WEIGHT

Net dimensions monitor:
$61^5/_8$" (W) x $35^{15}/_{16}$" (H) x $3^1/_2$" (D)

Net weight monitor: $158^3/_4$ lbs.

SHIPPING INFORMATION

Shipping dimensions monitor:
$69^5/_8$" (W) x $43^1/_8$" (H) x $16^{13}/_{16}$" (D)

Shipping weight monitor: $189^3/_4$ lbs.

Shipping dimensions monitor stand:
$47^7/_{16}$" (W) x $6^5/_{16}$" (H) x $16^3/_4$" (D)

Shipping weight monitor stand: 32 lbs.

Shipping dimensions wall mount:
$35^5/_8$" (W) x $5^1/_4$" (H) x 32" (D)

Shipping weight wall mount: 27 lbs.

MONITOR

Order Code: HPL6315BX/XAA
UPC Code: 036725263154

STAND

Order Code: SML630X/XAA
UPC Code: 036725263017

WALL MOUNT

Order Code: WML630X/XAA
UPC Code: 03672563024

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.
1202-SS Printed in USA
© 2002 Samsung Electronics America, Inc.