

# The ultimate viewing experience

of Pixel Plus and Ambilight

The ultimate viewing experience of Ambilight and Pixel Plus pushes picture quality to new levels. The unprecedented viewing comfort of Ambilight and Plasma technology culminate in a daring and innovative design.

## **Breathtaking natural pictures**

- Pixel Plus™ with Digital Natural Motion for better detail with smooth yet sharp movement
- 3D combfilter ensuring perfect color separation in the finest detail
- Active Control™ Plus+ with light sensor continually optimizes the best picture settings

## **Add a new dimension to your viewing**

- Philips unique Ambilight™ is proven to reveal better detail, color and contrast from any source, resulting in a superior viewing experience
- State-of-the-art Digital Natural Motion for smooth yet sharp movement
- Latest High Definition Plasma display technology, resolution: 1366 x 768p
- Full Dual Screen with two integrated tuners

## **Real beauty lies in the detail**

- The soft glow of ambient light makes the design stand out in a subtle way
- Sophisticated design with distinctive finishing

## **Superb sound reproduction**

- Sleek integrated speakers with WOOX technology and dome tweeters
- Virtual Dolby Surround that enhances your sound experience

## **Advanced connectivity**

- The most modern and highest quality HDMI connectivity



# PHILIPS

## Technical specifications

### Picture

- Screen Size: 50" (127cm)
- Visible Screen Size: 50" (127cm)
- Aspect Ratio: Widescreen
- Display: HD Plasma
- Resolution 1366 x 768p
- Brightness: 1000 cd/m<sup>2</sup>
- Contrast Ratio: 3000:1
- Viewing Angles 160h/160V
- Anti-Aging Circuit
- Anti Reflex Coated Screen
- Pixel Plus
- Progressive Scan
- Digital Natural Motion
- Digital Crystal Clear
- Jagged Line Suppression
- 3D Combfilter
- Active Control Plus+
- Widescreen Plus

### Ambilight

- Full Multicolor Setting
- Dimming function
- 6 preset modes and user preset
- Full operation in Stand-by mode
- Efficient, low energy lamp system
- Lamp Life: >60000Hrs

### Sound

- Sound Power: 2x15 W RMS
- Virtual Dolby Surround
- 2 woofers with wOOx and 2 dome tweeters
- Digital Signal Processing
- TV as Center Speaker Mode

### Ease of Use

- Plug & Play
- 120 channels (cable and terrestrial)
- Auto Tuning & Channel Installation ATS
- Compass Graphical User Interface
- Backlit Controls
- RC 4307 Universal RC for VCR/DVD/DVD-R/SAT/ CABLE/AMP
- 6 Widescreen modes
- Subtitle and Heading Shift
- Auto Format/Auto Screen Fit (incl. WSSB)
- Full Dual Screen with 2 tuners
- Picture Freeze
- Direct Program List
- 6 Smart Picture Settings
- 4 Smart Sound Settings
- Smart Clock/On & Sleep Timer (240 min.)
- Smart Lock (Child lock + Parental Control)
- Vchip Parental Control

### Connections

- Side Connectors: S-Video Y/C in  
Video CVBS in (cinch)  
Audio L/R in (cinch)  
Headphones out (3,5mm jack)
- AV 1: Component Video in YPbPr (1, 2, 3Fh auto ranging), Y/C and CVBS in, Audio L/R (cinch)
- AV 2: Component Video in YPbPr or RGB/HV (1, 2, 3Fh), Y/C and CVBS in, Audio L/R (cinch)
- AV 3: HDMI (Digital Stream, SP DIF, DVI compatible), Audio L/R in (cinch)
- Monitor out CVBS (cinch), Audio L/R (cinch)
- Audio out L/R (cinch)
- Center Channel in (cinch) for connection to a Home Cinema system
- Subwoofer out (cinch)

### Information

- Closed Captioning full text

### Reception

- Tuning System: PLL Digital Tuning
- Tuner: VHF, UHF, S-Channel, Hyperband
- Aerial Input: 75 Ohm Coaxial (F-type)
- TV System : NTSC
- Video Playback : NTSC

### Supported Display Resolutions

Standard	Resolution	Refresh Rate
VGA	640 x 480	60Hz
SVGA	800 x 600	60Hz
XGA	1024 x 768	60Hz
WXGA	1280 x 768	60Hz

### Videoformats

640 x 480i@60Hz	- 1Fh
640 x 480p@60Hz	- 2Fh
720 x 576i@50Hz	- 1Fh
720 x 576p@50Hz	- 2Fh
1280 x 720p@60Hz	- 3Fh
1920 x 1080i@50 & 60Hz	- 2Fh
1920 x 1152i@50Hz	- 2Fh

### Miscellaneous

- Ambient temperature +5/+40°C
- Mains: AC 110-120V, 60Hz
- Power consumption:  
Normal operation 600W, Stand by <2W(tbc)
- Set Weight: ±127.9 lbs.
- Weight Incl. Packaging: ±152.9 lbs.
- Set Dimension (WxHxD):  
50.2"W x 34.7"H x 3.9"D
- Box Dimension (WxHxD):  
53.5"W x 42.3"H x 13.4"D
- HDMI to DVI conversion cable included
- Wall Mounting Brackets included
- Designer Table Top Stand included
- Vesa standard

UPC 0 37849 94594 0

Date of issue 2004-05-13

Printed in USA 2004-05-21

Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing, Inc.

Specifications are subject to change without notice. Trademarks owned by Royal Philips Electronics.

2004 © Royal Philips Electronics - All rights reserved.

www.philips.com

## Product highlights

### Flat, Slim, Wide

True flat multimedia TV which can be mounted on the wall like a painting.

### Plasma High Definition Panel

State-of-the-art plasma screen technology enabling brilliant flicker free picture with optimum brightness and superb colors.

### Pixel Plus

Uses the power of the Pixel Plus™ processor to enhance every single pixel displayed. The result is a razor sharp pixels with incredible detail and depth, every time.

### Ambilight

Research has proven that watching television with Philips unique Ambilight™ results in a noticeably better picture. By relaxing the eyes of the viewer, Philips Ambilight™ allows the perception of more detail, more brightness, more contrast and truer colors. Ambilight™ also offers you a more relaxed viewing via a soft glow on the wall surrounding the TV.

### Digital Natural Motion

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and movie material (DVD). Smooth motion reproduction and excellent sharpness are the result.

### Active Control Plus+

Active Control Plus+ automatically analyzes, 50 times per second, the incoming signal and adjusts the key picture settings on Sharpness, Digital Noise Reduction, Color and Contrast. The ambient light sensor adjusts the settings according to the viewing conditions in the room. Active Control Plus+ thus offers the best possible picture settings any time, any source.

### Virtual Dolby Surround

Dolby processing circuitry for an enhanced cinema surround sound effect without the need for rear speakers.

### Full Dual Screen with 2 integrated tuners

The ability to watch simultaneously two different channels, either two programs or any combination with Teletext and/or NextView. Includes Picture In Picture (3 sizes, free positioning), 3PIP Mosaic, 8PIP Mosaic.

