

# The ultimate viewing experience

in a sophisticated and daring design

The ultimate viewing experience of Ambilight and Pixel Plus 2 pushes picture quality to new levels. The unprecedented viewing comfort of Ambilight, LCD technology and invisible flat NXT speakers culminate in a daring and innovative design.

### See it as an eyewitness

- Unsurpassed Pixel Plus 2 technology for more natural, vivid and detailed pictures
- 3D combfilter ensuring perfect colour 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 LCD WXGA display technology, resolution: 1366 x 768p
- Full Dual Screen with two integrated tuners

### Real beauty lies in the details

- The soft glow of ambient light makes the design stand out in a subtle way
- Stunning and daring design with sophisticated materials
- 2 flat design-integrated invisible NXT speakers that will amaze you
- Proximity sensor for a Magic Tech experience

### Unrivalled sound performance

- Virtual Dolby Surround that enhances your audio experience
- Integrated subwoofer with wOOx technology

### Advanced connectivity

- The most modern and highest quality HDMI connectivity



## Technical specifications

### Picture

- Screen Size: 32" (81cm)
- Visible Screen Size: 32" (81cm)
- Aspect ratio: Widescreen 16:9
- Display: LCD Active Matrix TFT
- Response time LCD: <15ms
- Resolution: WXGA - 1366 x 768p
- Brightness: 500 cd/m2
- Contrast Ratio: 800:1
- Viewing Angles 170H/170V
- Anti Reflex Coated Screen
- Pixel Plus 2
- Movie Plus
- Progressive Scan
- Digital Natural Motion
- Jagged Line Suppression
- 3D Combfilter
- Digital Crystal Clear
- Active Control Plus+ with Light Sensor
- 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: >60000 hrs

### Sound

- Sound Power: 3x15 W RMS
- Virtual Dolby Surround
- NXT Monolith Speakers (L/R)
- Integrated subwoofer with WOOx
- 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 Top Controls with Proximity Sensor
- 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 165W(tbc) Stand by <1.5W
- Set Weight: ±44.1 lbs.
- Weight Incl. Packaging : 70.5 lbs
- Set Dimension (WxHxD):  
39.4"W x 23.9"H x 3.8"D
- Box Dimension (WxHxD):  
41.8"D x 31"H x 10.4"D
- HDMI to DVI conversion cable included
- Wall Mounting Brackets included
- Designer Table Top Stand included
- Vesa standard

UPC 0 37849 947159

Date of issue 2004-05-13

Printed in USA 2004-05-21

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## Product highlights

### Flat, Slim, Wide

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

### LCD Active Matrix TFT Panel

This new generation TFT panel technology offers superior picture quality with higher contrast levels, more brightness & color, a faster response time and a wide viewing angle. This vibrant and sharp image will offer you the utmost viewing experience.

### Pixel Plus 2

Pixel Plus™ 2 is a digital picture processing feature enhancing still and moving pictures. Pixel Plus™ 2 technology makes every single pixel the best it can be, resulting in brilliant contrast, the ultimate sharpness and incredible picture depth every time from every source including High Definition. It not only enhances the sharpness, but also the color reproduction, resulting in the finest color details and superior brilliance.

### 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.

### Invisible flat NXT SurfaceSound speakers

The ground breaking NXT SurfaceSound principle has been further developed into the monolith speaker technology. Whereby the outer surface of the TV cabinet is the actual speaker membrane. The speakers are now virtually invisible, bringing a stunning design, and a pure and direct sound radiation.

### 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.

