

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 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 LCD WXGA 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
- 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 audio performance

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

Advanced connectivity

- The most modern and highest quality HDMI connectivity



Technical specifications

Picture

- Screen Size: 42" (107cm)
- Visible Screen Size: 42" (107cm)
- Aspect ratio: Widescreen 16:9
- Display: LCD Active Matrix TFT
- Response Time LCD: <12ms
- Resolution: WXGA - 1366 x 768p
- Brightness: 500 cd/m2
- Contrast Ratio: 400:1
- Viewing Angles: 176H/176V
- 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: >60000Hrs

Sound

- Sound Power: 3x15W 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 |

Video Formats

| | |
|------------------------|-------|
| 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 220W, Stand by <1.5W
- Set Weight: ± 77.1 lbs.
- Weight Incl. Packaging : ± 130.6 lbs.
- Set Dimension (WxHxD): 48.8"W x 29.8"H x 3.8"D
- Box Dimension (WxHxD): 51.2"W x 36.6"H x 12.8"D
- HDMI to DVI conversion cable included
- Wall mounting brackets included
- Designer table top stand included
- Vesa standard

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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 and 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 groundbreaking NXT SurfaceSound principle has been further developed into 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 pure an 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.

