

Philips Matchline
widescreen flat TV

42"
LCD

42PF9986



The ultimate viewing experience

in a sophisticated and daring design

Enjoy the ultimate viewing experience as Ambilight and Pixel Plus 2 elevate picture quality to a new level. Unprecedented viewing comfort, LCD technology and invisible flat NXT™ speakers are combined in a daring and innovative design.

Advanced connection to your audio/video products

- DVI-I provides the best picture and flexible connectivity

True beauty lies in the details

- 2 integrated NXT Monolith speakers with amazing performance

Multi-purpose convenience

- Dual-screen with 2 tuners splits the TV screen into 2 pictures
- 1200-page Hypertext for instant fast access to teletext

Add a new dimension to your viewing

- Full-colour ambient lighting enhances the viewing experience

Be an eyewitness

- HD LCD WXGA display, with a 1366 x 768p resolution
- Pixel Plus 2 for better detail, depth and clarity
- Digital Natural Motion for smooth moving images
- Active Control with Light Sensor optimises picture quality

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Highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Pixel Plus 2

Pixel Plus 2 is a digital picture processing technology that improves the resolution of still and moving pictures. It does more than adding pixels; it also makes the pixels better, giving incredible sharpness and picture depth every time and from any source. And it does not just improve the resolution: you also benefit from improved colour reproduction, resulting in the finest colour detail and superior brilliance.

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 recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

Active Control + Light Sensor

Active Control is a unique and intelligent way of optimising picture quality by measuring and analysing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room lighting conditions.

Flat NXT Monolith Speakers

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

Full Dual Screen

Full Dual Screen allows you to divide your TV screen into two halves, each displaying independent pictures from a TV, VCR, DVD or teletext at the same time. Watch your favourite programme while others watch something else, without being disturbed, as the audio for the second screen is available via the headphone output.

1200-page Hypertext

Teletext is a common system transmitted by most broadcasters. The 1200-page smart text

feature gives you extremely fast access to information when changing pages.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programmes from Digital Set-top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.

Ambilight

The full-colour ambient lights offer you relaxed viewing and a unique ambience, projecting a soft light glow on the walls surrounding the TV. Research has shown that watching television with adapted ambient lighting promotes more relaxed TV viewing. The Ambilight colours automatically adapt to the images on the screen to add a new sensation to the viewing experience. The light can also be switched to fixed colours or various shades of white. In standby mode, the lights can be operated to any colour and create a unique ambience in the room.

Specifications

Ambilight

- Ambilight Features: Auto adaptive to video content, Full operation in stand-by
- Colour Settings: Full Multi-Colour
- Dimming Function: Manual and via Light Sensor
- Pre-set modes: 2 Active Adaptive preset modes, 6 Preset modes and user preset

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1366 x 768p
- Brightness: 400 cd/m²
- Picture enhancement: Pixel Plus 2, Digital Crystal Clear, Progressive scan, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Jagged Line Suppression, Movie Plus, Widescreen Plus
- Contrast ratio (typical): 500:1
- Display screen type: LCD WXGA Active Matrix TFT
- Response time (typical): 12 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), PLL Digital Tuning, Plug and Play
- Ease of Use: 9-channel smart surf list, Backlighted Top Controls, Controls with Proximity sensor, On-Screen Display, Programme List, Smart

Picture, Smart Sound

- Clock: Smart Clock
- Connection Enhancement: Cinema link, Easy link
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Electronic Programme Guide: NexTView 3
- Remote Control: Multi-functional
- Remote control type: RC4302
- Teletext: 1200-page Hypertext
- Picture in Picture: Full dual screen (2 tuners), Mozaic, Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line, Word Search

Sound

- Output power (RMS): 3 x 15 W
- Sound System: Virtual Dolby Surround
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer, Smart Sound

Loudspeakers

- Built-in speakers: 5
- Loudspeaker types: Flat NXT Monolith Speakers, Integrated subwoofer

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, Y/C
- Other connections: Analogue audio Left/Right out, Centre Speaker connection in, Subwoofer out
- Ext 3 Scart: Audio L/R, CVBS in, CVBS in/out
- Ext 4: DVI-I

Power

- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 154 W
- Standby power consumption: 1.3

Accessories

- Included accessories: DVI-I to VGA adapter, VGA to YPbPr-Cinch cable, Wall mounting bracket
- Optional accessories: 5-in-1 connection cable, Floor stand, Tabletop Stand with Swivel

Dimensions

- Product weight: 35 kg
- Weight incl. Packaging: 47 kg

