Philips Matchline
Widescreen flat TV with
Pixel Plus 2 and Ambilight

37"

LCD

MATCH///LINE

37PF9986

The ultimate viewing experience

in a sophisticated and daring design

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

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

True beauty lies in the details
- 2 integrated NXT™ Monolith speakers with amazing performance

Add a new dimension to your viewing
- Full colour ambient lighting enhances the viewing experience

Multi-purpose convenience
- Dual-screen with 2 tuners splits the TV screen in 2 pictures
- 1200 page Hypertext for instant fast access to teletext

Leading interface for digital quality audio/video
- DVI-I provides the best picture and flexible connectivity

PHILIPS

sense **and** simplicity

Specifications

Picture/Display

- Aspect ratio: 16:9
- Brightness: 450 cd/m²
- Contrast ratio (typical): 800:1
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD WXGA Active Matrix TFT
- 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
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 176 / 176 degree
- Panel resolution: 1366 x 768p
- Response time (typical): 12 ms

Ambilight

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

Supported Display Resolution

- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound

- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser, Smart sound
- Sound System: Virtual Dolby Surround
- Output power (RMS): 3x15W

Loudspeakers

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

Convenience

- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), PLL Digital Tuning, Plug & Play
- Ease of Use: 9 channel smart surf list, Back lighted top controls, On Screen Display, Program List, Smart Picture Control, Smart Sound Control
- Electronic Program Guide: NexTView 3
- Remote control type: RC4302
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line, Word search
- Picture in Picture: Full dual screen (2 tuners), Mosaic, Text dual screen
- Remote Control: Multi-functional
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Clock: Smart Clock
- Child Protection: Child Lock+Parental Control
- Connection enhancement: Cinema link, Easy link

Tuner/Reception/Transmission

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

Connectivity

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

Power

- Power consumption: 176 W
- Standby power consumption: 1.3
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: +5 -/+ 40 C

Dimensions

- Product weight: 27 kg
- Weight incl. Packaging: 39 kg
- Color cabinet: Pearl white silver (11092)

Accessories

- Included Accessories: DVI-I to VGA adapter, VGA to YPbPr-Cinch cable, Wall mounting bracket
- Optional accessories: 5 in one connection cable, Floor stand, Table top stand with swivel

Product 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 colors. 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, resulting incredible sharpness and picture depth every time and from any source. And it does not just improve the resolution either, because you also benefit from improved colour reproduction, resulting in the finest colour details 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 and 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 light conditions.

Flat NXT monolith speakers

The ground-breaking NXT™ surface sound principle has been further developed into the monolith speaker technology, which 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.

Ambilight

The full-colour ambient lights offer you relaxed viewing and a unique ambiance via 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 ambiance in the room.

Full Dual Screen

Full Dual Screen allows you to divide your TV screen into two halves, each displaying independent pictures from TV, VCR, DVD or teletext at the same time. Watch your favourite program 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. 1200 page smart text 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 programs 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.