



Philips Matchline
widescreen TV with Pixel
Plus 2

28"

100Hz digital scan

MATCHLINE

28PW9509



Turn up your viewing experience in this Pixel Plus 2 TV

This unique TV elevates picture quality to a new level. Pixel Plus 2 offers the unique combination of ultimate sharpness, increased depth impression, true natural details, brilliant and vivid colours at any time and from any source.

Be an eyewitness

- Real Flat picture tube technology brings you lifelike images
- Pixel Plus 2 for better details, depth and clarity
- 100Hz Digital Scan produces a stable, more relaxing picture
- Digital Natural Motion produces smooth, judder-free images
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

One touch convenience

- Text Dualscreen to view teletext and TV simultaneously.
- 1200 page Smart Text

PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Diagonal screen size:** 28 inch / 70 cm
- **Visible diagonal screen size:** 66 cm
- **Display screen type:** Real Flat picture tube
- **Picture enhancement:** Pixel Plus 2, Digital Crystal Clear, Scavem, Active Control + Light sensor, Digital Natural Motion, Dynamic Auto Focus, Widescreen Plus
- **Screen enhancement:** Anti-Reflection coated screen
- **Picture processing:** 100 Hz Digital Scan

Sound

- **Sound Enhancement:** Digital Signal Processing
- **Sound System:** Virtual Dolby Surround

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Ease of Installation:** Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Sorting
- **Ease of Use:** Graphical User Interface, Picture Freeze, Picture Tilt, Top Controls, Zoom 16x
- **Electronic Programme Guide:** NexTView 2
- **Remote control type:** RC4301
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Word Search

- **Picture in Picture:** Text dual screen
- **Screen Format Adjustments:** 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- **Clock:** Sleep Timer, Smart Clock
- **Child Protection:** Child Lock

Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** NTSC, PAL
- **Video Playback:** NTSC, PAL, SECAM
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Number of Preset Channels:** 100

Connectivity

- **Number of AV connections:** 4
- **Ext 1 Scart:** CVBS in/out, RGB
- **Ext 2 Scart:** CVBS in/out, Y/C
- **Ext 3 Scart:** CVBS in/out, RGB
- **Other connections:** Analog audio Left/Right out, Antenna IEC75
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in

Power

- **Power consumption:** 109 W
- **Standby power consumption:** < 1W
- **Mains power:** AC 220 - 240 V +/- 10%

Dimensions

- **Product weight:** 41.1 kg
- **Weight incl. Packaging:** 45.5 kg
- **Color cabinet:** Precision Silver (10888)

Product highlights

Real Flat picture tube

The flatter tube provides a wider viewing angle while minimizing reflections for the best picture possible. The special alloy invar shadow mask helps maintain sharper focus and eliminates 'color blooming' compared to standard tubes.

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 in 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 color reproduction, resulting in the finest color details and superior brilliance.

100Hz Digital Scan

A conventional TV shows a picture by scanning 50 times per second (50Hz). This frequency can be detected by the human eye in the form of a flickering picture. 100Hz sets show a picture by scanning 100 times per second eliminating the field flickering. Philips' digital scan doubles the rate of line flicker, making it undetectable. The result is a more stable picture that is relaxing for your eye.

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 optimizing picture quality by measuring and analyzing 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.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It which create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

Video and teletext dual screen

Video and teletext dual screen provides you with the capability to show video and teletext pages from the same channel side by side on one screen.

1200 page Smart Text

The teletext is a common system transmitted by most broadcasters. 1200 page smart text gives you fast access to information when changing pages.

