

Philips Matchline
TV with Pixel Plus

29"

100Hz digital scan

MATCHLINE

29PT9420



Best picture and sound quality

In this pixel plus TV

This superb 29" Pixel Plus Real Flat TV displays pictures with fantastic depth and details. Digital Natural Motion completes the picture package, vividly rendering even moving images. 2 Tuner PIP allows viewing 2 channels simultaneously.

Better quality images that reveal more detail

- Real flat picture tube for a better, more vivid image
- Pixel Plus 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

Great convenience

- Picture-in-Picture lets you watch two programs at once
- nicm

PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 4:3
- **Diagonal screen size:** 29 inch / 72 cm
- **Visible diagonal screen size:** 68 cm
- **Display screen type:** Real Flat picture tube
- **Picture enhancement:** Active Control + Light sensor, Digital Crystal Clear, Digital Natural Motion, Dynamic Auto Focus, Pixel Plus, Scavem
- **Screen enhancement:** Anti-Reflection coated screen
- **Picture processing:** 100 Hz Digital Scan

Sound

- **Sound Enhancement:** Digital Signal Processing, Subwoofer
- **Sound System:** Dolby Prologic Surround Sound

Convenience

- **Ease of Installation:** Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Sorting
- **Ease of Use:** Graphical User Interface, Picture Freeze, Picture Tilt, Top Controls
- **Teletext:** 1200 page Hypertext
- **Teletext enhancements:** Habit Watch, Word Search
- **Picture in Picture:** 2 tuner PIP, Text dual screen
- **Screen Format Adjustments:** 16:9 compress, 4:3, 4:3 expand, Auto Format

- **Clock:** Sleep Timer, Smart Clock
- **Child Protection:** Child Lock

Tuner/Reception/Transmission

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

Connectivity

- **Number of AV connections:** 5
- **Other connections:** Antenna IEC75, Monitor out, CVBS, L/R (cinch)
- **AV 1:** AV In, YPbPr
- **AV 2:** Audio L/R in, CVBS, S-Video
- **AV 3:** Audio L/R in, RGB, YPbPr
- **AV 4:** Audio L/R in, YPbPr
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-Video in

Power

- **Power consumption:** 109 W
- **Standby power consumption:** < 1 W
- **Mains power:** AC 90 - 276V +/- 10%

Dimensions

- **Color cabinet:** Pearl white silver

Product highlights

Real Flat picture tube

The real 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 eliminate "color blooming" compared to standard tubes.

Pixel Plus

This set uses the power of the Pixel Plus processor to increase the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

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.

2 Tuner Picture in Picture

With 2 tuner Picture-in-Picture, you can view a second channel/program or video from an external source in a small window on your 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.

