



Philips Matchline  
widescreen flat TV with  
Digital Crystal Clear

107cm (42")

plasma  
Progressive Scan

**MATCH** // **LINE**

**42PF9946**

## Superior picture quality

with the latest in Plasma technology

An elegantly designed TV that you can hang on the wall is now a reality. This Flat TV delivers best-in-class picture quality for your home entertainment set up.

### **Vivid, natural and razor sharp images**

- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality
- Active Control with Light Sensor optimizes picture quality
- 3D combfilter separates colors for a razor-sharp image

### **Impressive sound**

- Virtual Dolby Surround for a cinema-like audio experience

### **Design that blends into your interior(s)**

- New Arch Design for elegance and style

**PHILIPS**

# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Brightness: 1000 cd/m<sup>2</sup>
- Contrast ratio (typical): 3000:1
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: WVGA Plasma panel
- Picture enhancement: 3/2 - 2/2 motion pull down, Active Control + Light sensor, Comb Filter Digital, Digital Crystal Clear, Progressive scan, Widescreen Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen
- Viewing angle (horizontal): 160 degree
- Panel resolution: 852 x 480p
- Response time (typical): 16 ms

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60, 70, 75Hz

### Video Formats

Resolution	Refresh rate
640 x 480p	2Fh

## Sound

- Sound Enhancement: Smart Sound
- Sound System: Virtual Dolby Surround
- Output power (RMS): 2 x 15W

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Ease of Installation: Auto Volume Leveler, Autostore, PLL Digital Tuning, Plug & Play

- Ease of Use: On Screen Display, Smart Picture, Top Controls
- Remote control type: RC4333/01
- Teletext: 10 page Smart Text
- Picture in Picture: Picture in graphics, Twin page text
- Remote Control: Multi-functional
- Screen Format Adjustments: 6 Widescreen Modes, Subtitle and Heading Shift

## 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

- Other connections: Analog audio Left/Right out, Antenna IEC75, HDMI, PC-in VGA + Audio L/R in
- AV 1: Audio L/R in, CVBS in, YPbPr(1Fh)
- AV 2: Audio L/R in, CVBS, S-Video Y/C

## Power

- Power consumption: 200 W
- Standby power consumption: < 4 W
- Mains power: AC 90 - 276V +/- 10%
- Ambient temperature: 5 °C to 40 °C

## Dimensions

- Weight incl. Packaging: 47 kg
- Set dimensions (W x H x D): 1215 x 660 x 90 mm
- Set weight: 42 kg

## Accessories

- Included accessories: Wall mounting bracket, Mini-jack to CVBS-L/R cable, VGA to YPbPr-Cinch cable
- Optional accessories: Floor stand



# Highlights

## Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

## Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

## 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.

## 3D Combfilter

The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

## Virtual Dolby Surround

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

## New Arch Design

New Arch Design for elegance and style



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