



Philips Matchline
Flat TV with Digital Crystal
Clear

17"
LCD
HD Ready

MATCHLINE

17PF9946



Superior picture quality

This stylish LCD TV features Philips Digital Crystal Clear technology to give you razor sharp pictures and astounding theatre-like acoustics sound for uncanny depth and clarity.

Vivid, natural and razor sharp images

- High-definition LCD WXGA display, 1280 x 768p
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality
- Digital Comb Filter provides razor-sharp images
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Unique new slim speakers deliver better stereo performance.
- Virtual Dolby Surround for a cinema-like audio experience

Multi-purpose convenience

- The FM radio tuner enhances your personal enjoyment
- PC Monitor function built in for added convenience
- HDTV Monitor for the highest quality display of HDTV signals
- Twin page teletext allows simultaneous viewing of two pages
- Turn your TV screen into a mosaic of different channels

PHILIPS

Highlights

LCD WXGA display, 1280 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you HD resolution of 1280 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.

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.

Digital Comb Filter

A digital comb filter separates chrominance (color) from luminance (brightness)

information in the video signal, and independently processes them to improve picture resolution while also minimizing distortion.

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.

Unique new slim speakers

Enjoy improved balanced sound and stereo performance like you've never heard before. The slim speakers use patented technology featuring a hi-fi like magnet system and unique speaker cones.

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.

FM-radio

A small FM radio is integrated into the headphone so you always have a music source with you.

PC Monitor

This set has a VGA input which is compatible with the display output signal from your PC. This means you have the convenience of using it both as a TV and PC Monitor and for multi-tasking.

HDTV Monitor

HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

Twin page teletext

Twin page teletext allows you to simultaneously view two teletext pages side by side

Multiple PiP Modes

Multiple Picture-in-Picture modes allow you to simultaneously watch two video sources either picture-in-picture, side by side, or in a mosaic-view with still images.



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Contrast ratio (typical): 400:1
- Diagonal screen size: 17 inch / 43 cm
- Visible diagonal screen size: 43 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: 2D Combfilter, 3/2 - 2/2 motion pull down, Active Control + Light sensor, Color Transient Improvement, Color Temperature Adjustment, Contrast Plus, Digital Crystal Clear, Digital Noise Reduction, Luminance Transient Improver, Jagged Line Suppression, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 170 / 170 degree
- Panel resolution: 1280 x 768p
- Response time (typical): 16 ms

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1024 x 768	60Hz
1280 x 768	60Hz
640 x 480	60, 72, 75, 85Hz
800 x 600	56, 60, 72, 75, 85Hz

Video Formats

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

Sound

- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Total Sound Power (RMS): 12 W

Convenience

- Ease of Installation: Auto Program Naming, Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Graphical User Interface, Program List, Smart Picture Control, Smart Sound Control
- Remote control type: RCAP049_FRP

- Teletext: 10 page Smart Text
- Teletext enhancements: 4 favourite pages, Program information Line
- Picture in Picture: Picture in graphics, Twin page text
- Remote Control: Amp, DVD, TV
- Screen Format Adjustments: Full screen, Subtitle and Heading Shift, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Clock: Wake up Clock, Sleep Timer
- VESA Mount: 100 x 100 mm
- Child Protection: Child Lock

Tuner/Reception/Transmission

- Tuner bands: FM, VHF, UHF, S-Channel, Hyperband
- TV system: PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner Display: PLL
- Number of Preset Channels: 100

Connectivity

- Number of AV connections: 3
- Other connections: PC-in VGA + Audio L/R in, Antenna IEC75, FM Antenna, DVI-D
- AV 1: CVI, CVBS in
- AV 2: S-Video Y/C, CVBS
- Front / Side connections: Audio in, CVBS in, Headphone out, S-video in

Power

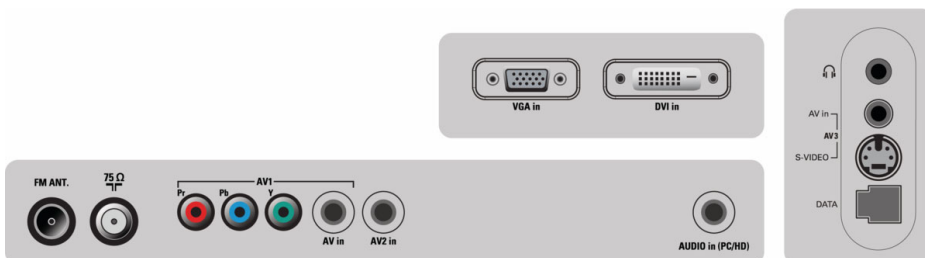
- Power consumption: 55 W W
- Standby power consumption: < 2 W
- Ambient temperature: 5 °C to 40 °C
- Power supply: AC 90-240

Dimensions

- Product weight: 6 kg
- Dimensions (with base) (W x H x D): 528 x 375 x 240 mm

Accessories

- Included Accessories: Component video cable (R/G/B), Mini jack to Cinch (Female), Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual



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