

Philips Matchline
Flat TV

43 cm (17")
LCD
HD Ready

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

- Digital Comb Filter provides 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
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

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

Multi-purpose convenience

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

PHILIPS

Highlights

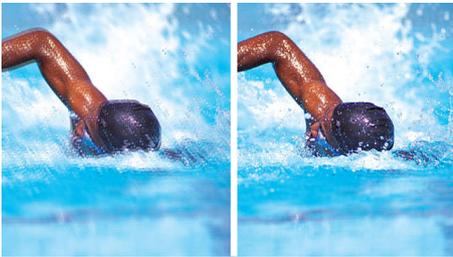
LCD WXGA display, 1280 x 768p

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
- Diagonal screen size (inch): 17 inch
- Diagonal screen size (metric): 43 cm
- Panel resolution: 1280 x 768p
- Brightness: 450 cd/m²
- 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
- Contrast ratio (typical): 400:1
- Display screen type: LCD WXGA Active Matrix TFT
- Response time (typical): 16 ms
- Viewing angle (horizontal): 170 degree
- Viewing angle (vertical): 170 degree
- Screen enhancement: Anti-Reflection coated screen
- Visible diagonal screen size: 43 cm

Supported Display Resolution

- Computer formats: 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: 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- 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'
- Number of Preset Channels: 100
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

Convenience

- Child Protection: Child Lock
- 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, Smart Sound
- Clock: Wake up Clock, Sleep Timer
- Screen Format Adjustments: Full screen, Subtitle and Heading Shift, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Remote Control: Amp, DVD, TV
- Remote control type: RCAP049_FRP
- Teletext: 10 page Smart Text
- VESA Mount: 100 x 100 mm
- Picture in Picture: Picture in graphics, Twin page text
- Teletext enhancements: 4 favourite pages, Program information Line

Sound

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

Connectivity

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

Power

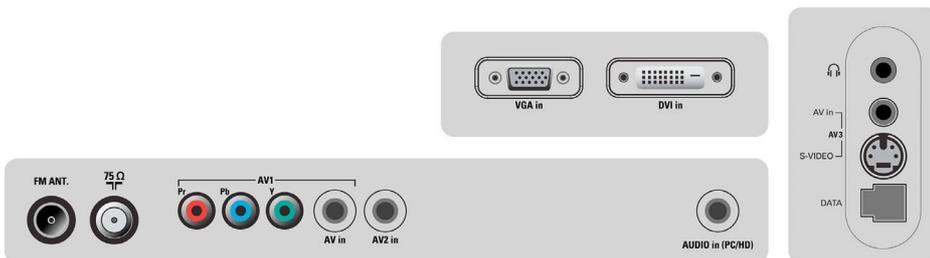
- Power supply: AC 90-240
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 55 W W
- Standby power consumption: < 2 W

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

Dimensions

- Product weight: 6 kg
- Width (with base): 528 mm
- Height (with base): 375 mm
- Depth (with base): 240 mm



Issue date 2023-10-05

Version: 1.0.2

EAN: 87 10895 81736 3

© 2023 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com