



Philips Matchline
Flat TV with Digital Crystal
Clear

43 cm (17")
LCD
Progressive Scan

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
- Active Control with Light Sensor optimizes picture quality

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Multi-purpose convenience

- Built-in FM radio to enjoy your favorite radio stations.
- PC input lets you also use your TV as a PC monitor
- Twin page teletext allows simultaneous viewing of two pages
- 10 pages Smart Text for fast access to teletext.

PHILIPS

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Contrast ratio (typical): 400:1
- Diagonal screen size: 17 inch / 43 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Digital Crystal Clear, Contrast Plus, Progressive scan, 2D Combfilter, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Color Transient Improvement, Color Temperature Adjustment, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, 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
640 x 480	60, 72, 75, 85Hz
800 x 600	56, 60, 72, 75,85Hz
1024 x 768	60Hz
1280 x 768	60Hz

Video Formats

Resolution	Refresh rate
720 x 576i	1Fh
720 x 576p	2Fh

Sound

- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Output power (RMS): 2 x 6W

Convenience

- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), 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
- Remote control type: RCAE049_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: Sleep Timer, Wake up Clock
- VESA Mount: 100 x 100 mm
- Child Protection: Child Lock

Tuner/Reception/Transmission

- Tuner bands: FM, Hyperband, S-Channel, UHF, VHF
- TV system: PAL, PAL B/G, PAL D/K, PAL I, 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 Scarts: 2
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in, Y/C
- Other connections: Antenna IEC75, Audio constant level out, FM Antenna, PC-in VGA + Audio L/R in
- 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

Dimensions

- Product weight: 6 kg

Accessories

- Included accessories: Mini jack to Cinch (Female), Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual

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.

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 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

An FM radio capable of storing 40 preset stations in built in. On-screen station naming makes navigation simple, and a handy Clock Screensaver is also included for use while listening.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Twin page teletext

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

10 page Smart Text

The teletext is a common system transmitted by most broadcasters. The 10 page smart text feature gives you fast access to information when changing pages.



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