

Philips  
Flat TV

23"  
LCD  
Progressive Scan

23PF9946



## Superior picture quality

This stylish LCD TV features Digital Crystal Clear technology to give you razor sharp pictures and astounding theatre-like sound with 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 optimised image quality
- Active Control with Light Sensor optimises picture quality

### Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

### Multi-purpose convenience

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

# PHILIPS

# Highlights

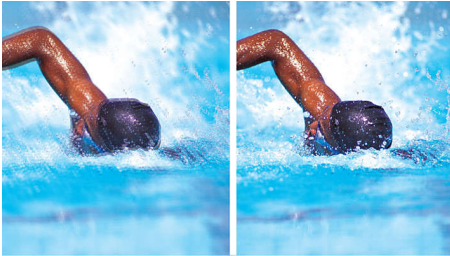
## LCD WXGA display, 1280 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you an HD resolution of 1280 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This sharp and vibrant 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 optimises picture quality to optimal contrast, colour 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, it writes both fields at the same 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 optimising picture quality by measuring and analysing 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 lighting 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

A built-in FM radio capable of storing 40 preset stations. 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.

## Picture in Graphics

Picture-in-Graphics is a small window in the main picture, allowing you to watch data/graphics on your main TV screen. It provides the ability to simultaneously watch data/graphics and the TV.

## Twin page teletext

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

## 10-page Smart Text

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

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 23 inch
- Diagonal screen size (metric): 58 cm
- Panel resolution: 1280 x 768p
- Brightness: 450 cd/m<sup>2</sup>
- Picture enhancement: Digital Crystal Clear, Contrast Plus, Progressive scan, 2D Combfilter, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Colour Transient Improvement, Colour Temperature Adjustment, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, 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

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75, 85 Hz, 800 x 600, 56, 60, 72, 75, 85 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz
- Video Formats: 720 x 576i - 1Fh, 720 x 576p - 2Fh

## Tuner/Reception/Transmission

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

## Convenience

- Child Protection: Child Lock
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug and Play, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), FM

- Radio, Graphical User Interface, Programme List, Smart Picture, Smart Sound
- 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: RCAE049\_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, Programme information Line

## Sound

- Output power (RMS): 2 x 10 W
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Sound Enhancement: Dynamic Bass Enhancement

## Connectivity

- Number of Scarts: 2
- Front/Side connections: Audio in, CVBS in, Headphones Out, S-video in
- 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, DVI-D, FM Antenna, PC-in VGA + Audio L/R in

## Power

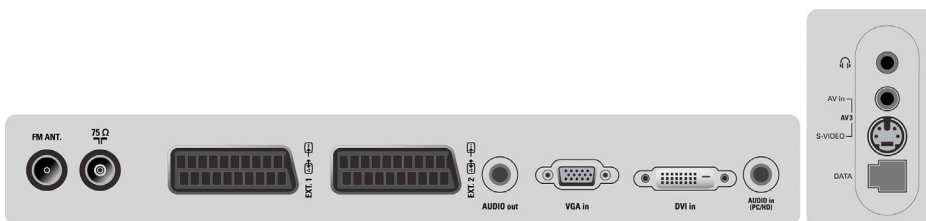
- Ambient temperature: 5°C to 40°C
- Power consumption: 96 W Normal Operation W W
- Standby power consumption: <math>2\text{ W}</math>

## Accessories

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

## Dimensions

- Product weight: 11.2 kg



Issue date 2023-08-21

Version: 7.0.8

EAN: 87 10895 80777 7

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