



Philips Matchline
Flat TV with Pixel Plus

58 cm (23")

LCD
Progressive Scan

MATCHLINE

23PF9956



Best in class picture quality

Experience the ultimate Flat TV with premium picture quality from Pixel Plus and the latest LCD technology, packed into a stunning, interior enhancing design.

Breathtaking natural pictures

- High-definition LCD WXGA display, 1280 x 768p
- Pixel Plus for detail, depth and clarity
- 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
- View PC content in a second window on your TV
- 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: 23 inch / 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Pixel Plus, 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 10W

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
- 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, DVI-D, FM Antenna, PC-in VGA + Audio L/R in
- Front / Side connections: Audio in, CVBS in, Headphone Out, S-video in

Power

- Power consumption: 96 W Normal Operation W W
- Standby power consumption: < 2 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Product weight: 11.2 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.

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

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.

Picture in Graphics

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

Twin page teletext

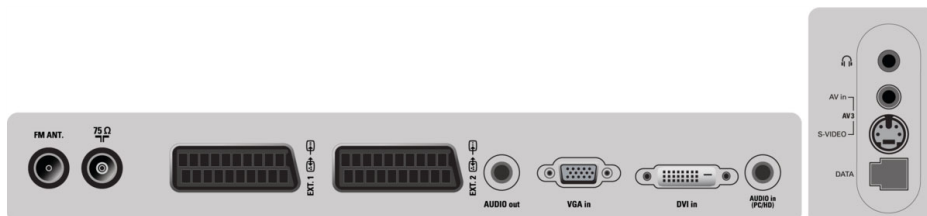
Twin page teletext allows you to simultaneously view two teletext pages side by side

10 page Smart Text

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.



PROGRESSIVE SCAN



Issue date 2019-06-25

Version: 8.0.9

12 NC: 8670 000 20975
EAN: 87 10895 83273 1

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