Philips
Flat TV

58 cm (23")
LCD
Progressive Scan

23PF8946

Enhanced picture and sound

Widescreen LCD TV provides you with a great audio-visual experience with Digital Comb Filter, Virtual Dolby Surround and unique flat speakers.

Better quality images that reveal more detail

• High-definition LCD WXGA display, 1280 x 768p
• Progressive Scan component video for optimized image quality
• 2D Combfilter sharpens images for finer detail

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

Flat TV
58 cm (23") LCD, Progressive Scan

23PF8946/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Contrast ratio (typical): 450:1
- Diagonal screen size: 23 inch / 58 cm
- Visible diagonal screen size: 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: 2D Combfilter, Progressive scan, Sharpness Adjustment, Contrast Plus
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 140 / 135 degree
- Panel resolution: 1280 x 768p

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
640 x 480i	1Fh

Sound
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Nicam Stereo, Virtual Dolby Surround

Loudspeakers
- Number of Loudspeakers: 2

Convenience
- Ease of Installation: Autostore, Fine Tuning, Plug & Play, PLL Digital Tuning, Automatic Channel Install(ACI), Automatic Tuning System (ATS)
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound, Top Controls, Program List, Smart Listening
- Remote control type: RC19335019/01
- Teletext: 10 page Smart Text
- Clock: Sleep Timer
- VESA Mount: 100 x 100 mm

Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM, PAL I, PAL B/G, PAL D/K, 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
- Ext 1 Scart: CVBS in/out, RGB, Audio L/R
- Other connections: PC-In VGA, Antenna IEC75, FM Antenna
- AV 2: Audio L/R in, CVBS, S-Video
- Front / Side connections: Audio in, Headphone Out

Power
- Power consumption: 80 W W
- Standby power consumption: < 1W
- Ambient temperature: 5 °C to 40 °C

Dimensions
- Product weight: 10.2 kg
- Dimensions (with base) (W x H x D): 704 x 420 x 217 mm

Accessories
- Included accessories: Table top stand

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.

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.

2D Combfilter
The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.

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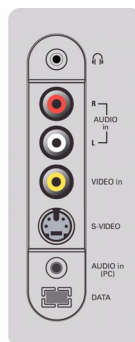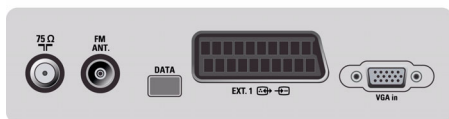
PC input
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

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.

PROGRESSIVE SCAN · 3D COMBFILTER · VIRTUAL DOLBY SURROUND · SMART TEXT 10P

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