

Philips
Flat TV

58 cm (23")
LCD
HD Ready

23PF4310



Turn up your viewing experience with Crystal Clear

Here is an LCD TV that not only enhances the decor of your home with its European styling and slim design, but also provides a great audio-visual experience with Crystal Clear and Virtual Dolby Surround.

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Better quality images that reveal more detail

- High-definition LCD WXGA display, 1280 x 768p
- HD Ready for the highest quality display of HD signals
- Crystal Clear improves picture depth
- Active Control optimises picture quality whatever the source

Stylish design

- Compact design

Multi-purpose convenience

- Smart Picture provides personalised image settings
- PC input lets you also use your TV as a PC monitor

PHILIPS

Flat TV
58 cm (23") LCD, HD Ready

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.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting

HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

Crystal Clear

Combining picture enhancements like Contrast plus and colour improvement, Crystal Clear improves picture depth.

Active Control

Active Control ensures that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting the picture setting over 3000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

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.

Compact design

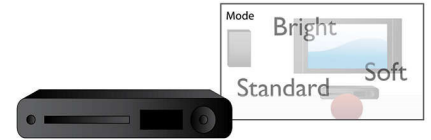
Compact design

PC input

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

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Smart Picture



Smart Picture provides the optimum picture settings for colour, brightness, saturation, contrast, sharpness and so on, to enhance your overall viewing experience at all times.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programmes from Digital Set-top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 23 inch
- Diagonal screen size (metric): 58 cm
- Colour cabinet: Silver Frost
- Panel resolution: 1280 x 768p
- Brightness: 450 cd/m²
- Picture enhancement: Progressive scan, Sharpness Adjustment, Active Control, Colour Temperature Adjustment, Crystal Clear
- Contrast ratio (typical): 500:1
- 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: 1280 x 768, 60 Hz, 640 x 480, 60, 67, 72, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1024 x 768, 60, 70, 75 Hz, 832 x 624, 75 Hz
- Video Formats: 1920 x 1080i - 2Fh, 1280 x 720p - 3Fh, 720 x 576p - 2Fh, 720 x 576i - 1Fh, 640 x 480p - 2Fh, 640 x 480i - 1Fh

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: 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

- Ease of Installation: Automatic Channel Install (ACI), Automatic Tuning System (ATS), Fine Tuning, PLL Digital Tuning, Plug and Play, Auto Programme Naming, Programme Name, Sorting, Autostore
- Ease of Use: Auto Volume Leveller (AVL), Programme List, Smart Picture, Smart Sound, Menu Control, On-Screen Display
- Clock: Sleep Timer
- Screen Format Adjustments: 4:3, Subtitle Zoom,

- Super Zoom, Movie expand 14:9, Movie expand 16:9, Widescreen, Full screen
- Remote Control: TV
- Remote control type: RCFE05ZAU00
- Teletext: 10-page Smart Text
- VESA Mount: 100 x 100 mm
- Picture in Picture: Twin page text

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 5 W
- Sound System: Nicam Stereo, Virtual Dolby Surround, Mono
- Sound Enhancement: Dynamic Bass Enhancement

Connectivity

- Number of Scarts: 1
- Front/Side connections: Audio in, Headphones Out, CVBS in, S-video in
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Antenna IEC75, PC Audio in, DVI-I

Power

- Power supply: AC 90-240
- Ambient temperature: 5°C to 40°C
- Power consumption: 84 W
- Standby power consumption: ≤ 1 W

Accessories

- Cables: DVI-I to YPbPr cable
- Included accessories: Tabletop stand, Power cord, Quick start guide, Registration card, Remote Control, User Manual

Dimensions

- Set Width: 704 mm
- Set Height: 373 mm
- Set Depth: 92 mm
- Product weight: 10.2 kg
- Box width: 780 mm
- Box height: 551 mm
- Box depth: 210 mm
- Weight incl. Packaging: 12.85 kg
- Width (with base): 704 mm
- Height (with base): 414 mm
- Depth (with base): 217 mm
- Set weight: 10.2 kg



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