



Philips  
LCD TV with Digital  
Crystal Clear

56 cm (22")  
HD Ready

22PFL3404



## Clearly a smart choice

Experience great picture and sound quality with this HD Ready display. So easy to enjoy, with high quality standards, you can be sure that you make the right choice with this PHILIPS Flat TV.

### **Vivid and razor sharp pictures**

- Digital Crystal Clear for detail depth and clarity
- HD LCD display, with a 1366 x 768p resolution
- 28.9 billion colors for brilliant natural images
- Active Control optimizes picture quality whatever the source
- Native cinema mode for real movie experience

### **Crisp and Clear sound**

- Incredible Surround for enhanced audio enjoyment
- 2x5W RMS audio power

### **Easy to connect and enjoy**

- 1 HDMI input with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing

# PHILIPS

# Highlights

## 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.

## LCD display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 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.

## 28.9 billion colors



Vibrant and natural images from the most advanced color processing. The 3 color

channels (RGB) are optimized for a total processing power of 28.9 billion colors. The advanced algorithms detect even the subtlest shades and skin tones, creating the best color possible.

## Incredible Surround



Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

## 1HDMI input with EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With Easylink only one remote control is needed to operate main functionalities on your TV and

connected devices. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 1 HDMI input on the TV you can connect HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

## PC input (HDMI and VGA)

With PC input you can use your TV as a PC monitor either using a HDMI-DVI cable/converter (for digital signals) or VGA cable (for analog signals).

## Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

## Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Brightness: 350 cd/m<sup>2</sup>
- Response time (typical): 8 ms
- Viewing angle: 170° (H) / 155° (V)
- Diagonal screen size: 22 inch / 56 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Enhancement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast, Smart Picture, 2D/3D noise reduction
- Screen enhancement: Anti-Reflection coated screen
- Color cabinet: High gloss black deco front with black cabinet

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 25, 30, 50, 60Hz

## Sound

- Output power (RMS): 2 x 5W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Mono, Stereo, SAP

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer, Wake Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Program Naming, Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Graphical User Interface, Program List, Side Control, Closed Captioning Full Text
- On-Screen Display languages: English, Portuguese, Spanish
- Remote Control: TV
- Remote control type: PF01L09B
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen, unscaled (dot by dot)

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: NTSC M, PAL N, PAL M
- Video Playback: NTSC, PAL (all versions)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 125

## Connectivity

- AV 1: Audio L/R in, CVBS in
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, YPbPr
- Front / Side connections: CVBS in, Audio L/R in
- Other connections: Monitor out, CVBS, L/R (cinch), PC-in VGA + Audio L/R in
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): Addressing, routing & discovery, One touch play, Power status, System info (menu language), System standby

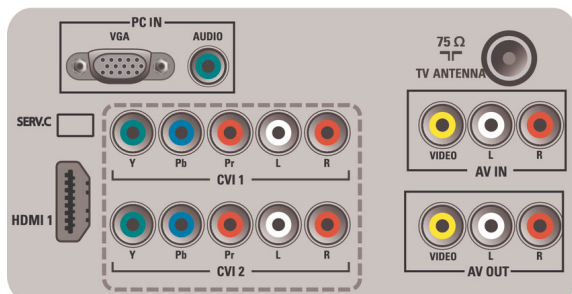
## Power

- Ambient temperature: 5 °C to 40 °C
- Mains power: 110-240V, 50-60Hz
- Power consumption: max 45 W
- Standby power consumption: < 0.30 W

## Dimensions

- Set dimensions (W x H x D): 541 x 375 x 68 mm
- Set dimensions with stand (W x H x D): 541 x 417 x 150 mm
- Product weight: 5.1 kg
- Product weight (+stand): 5.5 kg

## Rear connectors



## Side



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- Box dimensions (W x H x D): 590 x 489 x 162 mm
- VESA wall mount compatible: 100 x 100 mm

## Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control