



Philips
LCD TV with Digital
Crystal Clear

56 cm (22")

HD Ready
digital TV

22PFL3404D



Clearly a smart choice

With easy-to-use and future-proof technology

Experience great picture and sound quality with this HD 1366 x 768p display. So easy to enjoy, with high quality standard, 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 colours for brilliant natural images

Crisp and Clear sound

- Incredible Surround for enhanced audio enjoyment
- 2 x 5 W RMS audio power

Easy to connect and enjoy

- Enjoy photo and music playback via USB
- 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 personalise your viewing

Ready for the future

- Integrated Digital Tuner for DVB-T reception



NL/22/001

PHILIPS

Highlights

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.

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 colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

28.9 billion colours

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised for a total processing power of 28.9 billion colours. The advanced algorithms detect even the subtlest shades and skin tones, creating the best colour 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.

USB for photo and music playback

The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your photos and music.

1 HDMI 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 set-top box, Blu-ray player and Game Console or Digital Camcorder.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.



EU Eco Label

The Philips eco-design process aims to create products that are increasingly eco-friendly. Our efforts have been

recognised and Philips has been awarded the EU Eco Label (Eco flower) for the majority of its models because of their high energy efficiency, ultra low standby powers (up to 50% less than the required EU Eco Label level), absence of hazardous substances (e.g. lead) and design for easier recycling.

Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 350 cd/m²
- Dynamic screen contrast: 5000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (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, 3D MA deinterlacing, Active Control, Colour Enhancement, Colour Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Colour cabinet: High gloss black deco front with black cabinet

Supported Display Resolution

Computer formats

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

Via HDMI/DVI input

Video formats

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

Sound

- Output power (RMS): 2 x 5 W

- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Nicam Stereo

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake-up Clock, Wake-Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On-Screen Display, Settings assistant Wizard, Side Control
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Picture in Picture: Text dual screen
- Remote Control: TV
- Remote control type: RCPF01E09B
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 1000-page Hypertext
- Teletext enhancements: Fast text, Programme information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications

- Multimedia connections: USB
- Playback Formats: MP3, JPEG Still pictures

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial*, MHEG
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, RGB
- Number of Scarts: 1
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: CVBS in, Audio L/R in, USB 2.0
- Audio Output - Digital: Coaxial (cinch)

- Other connections: Composite video (CVBS) out, Monitor out L/R (Cinch), PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), EasyLink, System standby

Power

- Ambient temperature: 5°C to 40°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 40 W
- Standby power consumption: 0.30 W

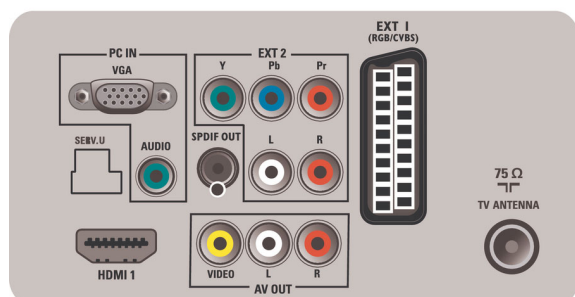
Dimensions

- Set dimensions (W x H x D): 541 x 375.3 x 67.8 mm
- Set dimensions with stand (W x H x D): 541 x 417.3 x 150 mm
- Product weight: 5.27 kg
- Product weight (+stand): 5.5 kg
- Box dimensions (W x H x D): 590 x 489 x 162 mm
- VESA wall mount compatible: 100 x 100 mm

Accessories

- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration

Rear connectors



Side



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