



Philips  
LCD TV

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.

### 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

### 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
- Active Control optimises picture quality whatever the source

### Crisp and Clear sound

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

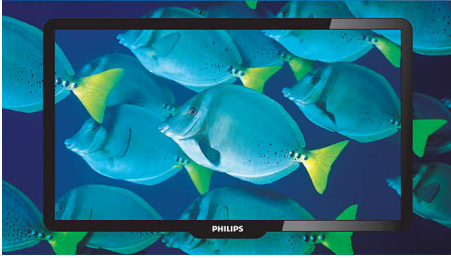
# PHILIPS

LCD TV  
56 cm (22") HD Ready, digital TV

22PFL3404D/12

# 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

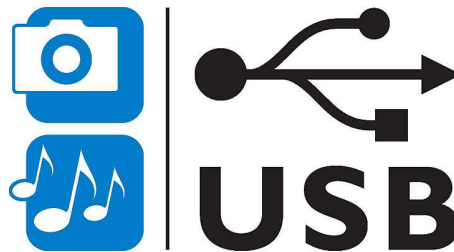


Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. 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.

## 2 x 5 W RMS audio power

2 x 5 W RMS audio power

## 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.

## PC input (VGA)

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

## Smart Picture and Smart Sound

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

## 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.

## 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.

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 22 inch
- Diagonal screen size (metric): 56 cm
- Colour cabinet: High gloss black deco front with black cabinet
- Panel resolution: 1366 x 768p
- Brightness: 350 cd/m<sup>2</sup>
- 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
- Display screen type: LCD WXGA+ Active Matrix TFT
- Dynamic screen contrast: 5000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V)
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution

- Computer formats: 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: 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

## Tuner/Reception/Transmission

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

## Multimedia Applications

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

## Convenience

- Child Protection: Child Lock+Parental Control

- 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
- Clock: Sleep Timer, Wake-up Clock, Wake-Up Timer
- Connection Enhancement: Easy link
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide\*
- Remote Control: TV
- Remote control type: RCPF01E09B
- Teletext: 1000-page Hypertext
- Picture in Picture: Text dual screen
- Teletext enhancements: Fast text, Programme information Line
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

## Sound

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

## Connectivity

- Audio Output - Digital: Coaxial (cinch)
- Number of Scarts: 1
- EasyLink (HDMI-CEC): One touch play, System info (menu language), EasyLink, System standby
- Front/Side connections: CVBS in, Audio L/R in, USB 2.0
- Ext 1 Scart: Audio L/R, RGB
- HDMI 1: HDMI v1.3
- Other connections: Composite video (CVBS) out, Monitor out L/R (Cinch), PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr, Audio L/R in

## Power

- Mains power: 220–240 V, 50 Hz
- Ambient temperature: 5°C to 40°C
- Standby power consumption: 0.3 W
- Power consumption (typical): 40 W

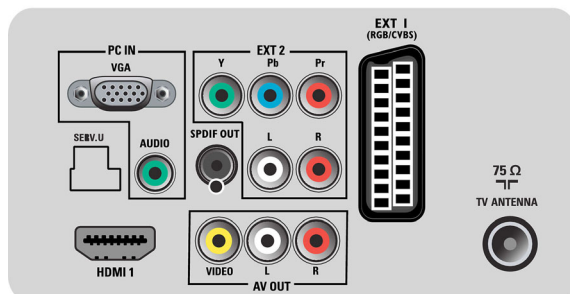
## Accessories

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

## Dimensions

- Set Width: 541 mm
- Set Height: 375.3 mm
- Set Depth: 67.8 mm
- Product weight: 5.27 kg
- Set width (with stand): 541 mm
- Set height (with stand): 417.3 mm
- Set depth (with stand): 150 mm
- Product weight (+stand): 5.5 kg
- Box width: 590 mm
- Box height: 489 mm
- Box depth: 162 mm
- Wall-mount compatible: 100 x 100 mm

## Rear connectors



## Side



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