



Philips
LCD TV

56cm/22"
digital TV

22PFL3504D



Clearly the smart choice

Designed for ease of use, this Flat TV features modern design, 2 HDMI connections, a powerful 720p, 60Hz display and brilliant Digital Crystal Clear engine. Making the smart choice in total picture quality has never been easier.

Hear crisp and clear sound

- 2x3W RMS audio power

Easy to connect and enjoy

- 2 HDMI inputs with Easylink for HD connection
- PC-input allows you to use your TV as a PC monitor
- Settings assistant for effortless personalized TV settings

See brilliant picture quality

- Digital Crystal Clear for detail depth and clarity
- Up to 5ms response time for clear, fast moving action
- Dynamic contrast for incredible rich black details
- HD LCD display, with a 1366 x 768p resolution

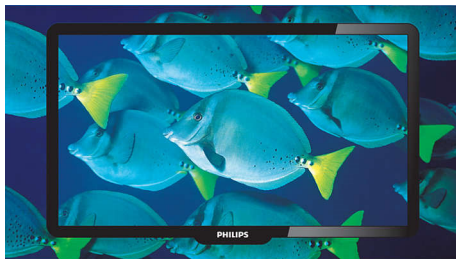
Ready for digital

- ATSC & QAM tuner receives over the air and unscrambled cable

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.

5ms response time

Response time measures signal reaction speed in milliseconds. Faster response time is better as it

eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects. In this case, this LCD panel gives you 5ms response time so that you can watch your LCD TV with a clear, fast moving action.

Dynamic contrast

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

2 HDMI inputs 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 back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a 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.

Settings assistant

Settings assistant for effortless personalized TV settings. The new settings assistant personalisation wizard guides you to personalised settings with unparalleled ease. It includes not only picture, but the complete viewing experience, including sound and Ambilight settings. The wizard shows a few screens with easy to choose options to select the essential settings. The TV performance is set to the your personal preference without difficult terms or settings, and this very quickly.

Built-in ATSC & QAM tuner

Built-in ATSC & QAM tuner for reception of over-the-air and unscrambled HD cable programs



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Contrast ratio (typical): 800:1
- Response time (typical): 5 ms
- Diagonal screen size (inch): 22 inch
- Diagonal screen size (metric): 56 cm
- Panel resolution: 1366 x 768p
- Picture enhancement: 3D Combfilter, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Progressive scan
- Brightness: 300 cd/m²
- Dynamic screen contrast: 3200:1
- Visible screen diagonal (inch): 21.6 inch
- Viewing angle: 170° (H) / 160° (V)

Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 720 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1360 x 768, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz

Sound

- Equalizer: 5-bands
- Sound System: Dolby Digital (AC-3), Stereo, SAP

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard, Side Control
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 16:9, Widescreen
- Ease of Installation: Autostore, PLL Digital Tuning

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type

- TV system: ATSC, NTSC
- Video Playback: NTSC
- Cable: Unscrambled Digital Cable QAM
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Other connections: PC Audio in, PC-In VGA
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)
- AV 1: Audio L/R in, YPbPr
- HDMI 1: HDMI v1.3, Analog audio L/R in
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone Out, USB

Power

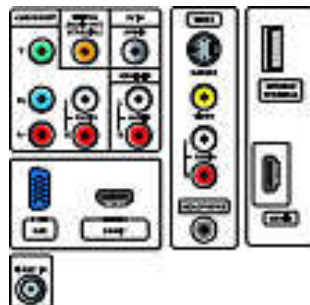
- Mains power: 120V/60Hz
- Power consumption: 70 W
- Standby power consumption: < 0.5 W
- Ambient temperature: 5 °C to 35 °C

Dimensions

- Product weight (lb): 10.2 lb
- Box height (inch): 18.5 inch
- Box width (inch): 24.8 inch
- Box depth (inch): 7.3 inch
- Wall mount compatible: 100 x 100 mm
- Set Width (inch): 21.6 inch
- Set Height (inch): 14.8 inch
- Set Depth (inch): 3.5 inch
- Set width (with stand) (inch): 21.6 inch
- Set depth (with stand) (inch): 7.1 inch
- Set height (with stand) (inch): 16.3 inch
- Product weight (+stand) (lb): 10.9 lb
- Weight incl. Packaging (lb): 13.9

Accessories

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



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