Philips
LCD TV with Digital Crystal Clear

56 cm (22")
HD Ready
DVB-T

22PFL3405H

Ideal for any room

With true to life LED picture performance

Whether movies, sports or games - experience great LED pictures with this HD Ready TV. With Philips quality and its sophisticated design this TV is the right choice for any room of your house

A clear, vivid LCD picture everytime
- Digital Crystal Clear for depth and clarity
- HD Ready for the highest quality display of HD signals
- Brilliant LED images with low power consumption
- 28.9 billion colors for brilliant natural images
- Dynamic contrast 150.000:1 for incredible rich black details

Rich and clear sound.
- Incredible Surround for powerful sound

Complete digital connectivity made simple
- Seamless connectivity with 1 HDMI input and Easylink
- Enjoy photo and music playback via USB
- PC-input allows you to use your TV as a PC monitor
- Integrated MPEG-4 tuner for HD reception without set top box

Greener every day
- Energy efficiency through LED technology

LED

PHILIPS

LCD TV
56 cm (22") HD Ready, DVB-T

22PFL3405H/12

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. The result is extremely clear pictures from any source.

HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

LED

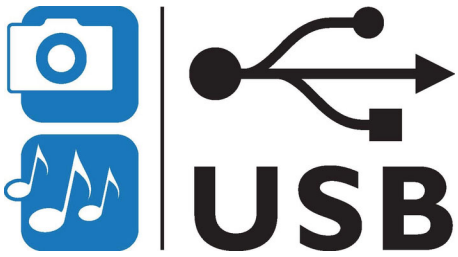
The most advanced LED lighting technology in this TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colors.

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
Feel the power of the music beat and the atmosphere of the movies. Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

1 HDMI inputs with Easylink

HDMI is a single cable to carry both picture and audio signals from your devices to your TV, helping avoid cable clutter. It carries uncompressed signals, ensuring the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system.

USB for photo & 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.

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.

Integrated DVB tuner MPEG-4
The integrated digital tuner lets you receive terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Dynamic Contrast 150.000:1

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.

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Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 300 cd/m²
- Dynamic screen contrast: 150,000:1
- Response time (typical): 6 ms
- Viewing angle: 170° (H) / 160° (V)
- Diagonal screen size: 22 inch / 56 cm
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Color Enhancement, Color Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Peak Luminance ratio: 65 %
- Color cabinet: Whiskey tint deco front with high gloss 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
Via HDMI/DVI input	

- Video formats

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

Sound
- Output power (RMS): 2 x 3 W, Invisible Sound
- Sound Enhancement: Auto Volume Leveler, 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 Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: TV
- Remote control type: RCPF01E09
- Screen Format Adjustments: 4:3, Auto Format, Super Zoom, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Widescreen
- Teletext: 1000 page Hypertext
- Teletext enhancements: Fast text, Program information Line
- Multimedia: USB media browser
- Smart mode: Personal, Vivid, Natural, Cinema, Game, Energy saving, Standard, Movie

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-T MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

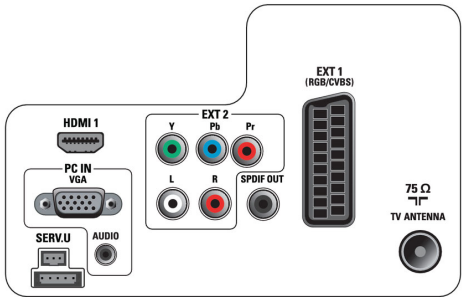
Connectivity
- Ext 1 Scart: Audio L/R, RGB
- Number of Scarts: 1
- Ext 2: YPbPr in, Audio L/R in
- HDMI 1: HDMI v1.3
- Front / Side connections: CVBS in, Audio L/R in, Headphone Out, USB 2.0
- Other connections: Composite video (CVBS) out, PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- EasyLink (HDMI-CEC): One touch play, EasyLink, System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)
- Summary: 1x HDMI, 1x USB, 1x SCART

Power
- Green label: ECO label certified
- Ambient temperature: 5 °C to 40 °C
- Mains power: 220-240V, 50Hz
- Power consumption (typical): 31 W
- Standby power consumption: 0.3W
- Annual energy consumption: 52.56 kW·h
- Presence of lead: Yes*

Dimensions
- Set dimensions (W x H x D): 526 x 343 x 49.4 mm
- Set dimensions with stand (W x H x D): 526 x 369 x 149 mm
- Product weight: 4 kg
- Product weight (+stand): 4.2 kg
- Box dimensions (W x H x D): 580 x 426 x 133 mm
- Wall mount compatible: 75 x 75 mm

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

Rear connectors



Side

* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.
* Typical on-mode power consumption measured according to IEC62087 Ed 2.
* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

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EAN: 87 12581 52473 9

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