

Philips
digital widescreen flat TV

107cm (42")
LCD
integrated digital

42PF7421D



Turn up your viewing experience

with Pixel Plus

Experience the superior picture quality of this excellent Flat TV with the latest LCD technology and Pixel Plus. It's packed into a stunning design that will complement your interior. Share music and photos via the built-in USB.

Designed for your convenience

- USB Connector for easy, instant multimedia playing
- Plug & Play for easier installation

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Breathtaking natural pictures

- HD LCD WXGA display, with a 1366 x 768p resolution
- Integrated HDTV to receive digital HDTV and cable signals
- Pixel Plus for detail, depth and clarity
- Dynamic contrast enhancer delivering rich black details

For advanced performance

- HDMI input for full digital HD connection in one cable

Unrivalled audio performance

- Dolby Digital for movies or concerts in full surround sound

PHILIPS

digital widescreen flat TV
107cm (42") LCD, integrated digital

Highlights

LCD WXGA 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.

Integrated HDTV Cable Ready

The built-in HDTV tuner that receives and displays terrestrial ATSC and unscrambled cable signals

Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike

picture with high contrast and vibrant colors, (* factor between 2 and 5, screen type and picture content dependant).

Dolby Digital Surround

Because Dolby Digital and DTS, the world's leading digital multi-channel audio standards, make use of the way the human ear naturally processes sound, you experience superb quality surround sound audio with realistic spatial cues.

Compact and slim design

This design style emphasizes a slim, compact look that saves space and fits in anywhere.

USB Multimedia Connector



The USB connector allows access to multimedia jpg, mp3 and alb files of most USB-sticks and most digital cameras (USB 1.1 memory-class device). Plug the USB into the slot at the side of the TV and access your

42PF7421D/37

photos or music files. This makes you easily viewing and sharing your photos and music.

Plug & Play

Plug & Play gives you the ability to install or add a new component and have it work without having to perform any complex installation procedure or technical analysis.

HDMI input



HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.



Specifications

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Response time (typical): 8 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 1366 x 768p
- Picture enhancement: Pixel Plus, Progressive scan, 3/2 - 2/2 motion pull down, Active Control, 3D Combfilter, Dynamic contrast enhancement
- Brightness: 500 cd/m²
- Dynamic screen contrast: 1650:1
- Display screen type: LCD WXGA Active Matrix TFT
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Video formats: 480p, 60Hz, 480i, 60Hz, 720p, 60Hz, 1080i, 60Hz

Sound

- Output power (RMS): 2 x 15W
- Sound System: Dolby Digital (AC-3)

Loudspeakers

- Built-in speakers: 2

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: On main display
- Ease of Use: On Screen Display, Side Control, AutoPicture, AutoSound
- Remote Control: DVD-R, Multi-functional, TV, VCR, CBL
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format, Subtitle and Heading Shift, Subtitle Zoom
- Ease of Installation: Auto Volume Leveler, Autostore, PLL Digital Tuning, Plug & Play
- Remote control type: RC4346/01
- VESA Mount: 800x400 mm

Multimedia Applications

- Multimedia connections: USB memory class device

- Playback Formats: JPEG Still pictures, MP3, Slideshow files (.alb)
- Digital Content Management: Digital Media Reader

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: HDMI
- Audio Output - Digital: Coaxial (cinch)
- AV 1: Audio L/R in, CVBS in, YPbPr
- AV 2: Audio L/R in, CVBS, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video Y/C
- Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in, USB

Power

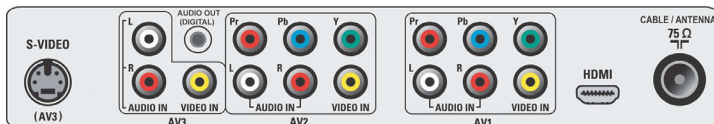
- Mains power: AC 110 - 120 V, 60 Hz
- Power consumption: 270 W
- Standby power consumption: ≤ 1 W
- Ambient temperature: 5 °C to 40 °C

Dimensions

- Product weight (lb): 70.4 (with stand), 66 (without stand) lb
- Box height (inch): 37 inch
- Box width (inch): 52.3 inch
- Box depth (inch): 13 inch
- Set Width (inch): 49.2 inch
- Set Height (inch): 27.1 inch
- Set Depth (inch): 4.4 inch
- Set width (with stand) (inch): 49.2 inch
- Set depth (with stand) (inch): 12 inch
- Set height (with stand) (inch): 30 inch
- Weight incl. Packaging (lb): 88

Accessories

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



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