Philips
LCD monitor, LED
backlight

Motivo
21.5" (54.6 cm)
Full HD display

221TE4LB

Great TV entertainment on your Full HD LED monitor

with DTV tuner

Experience great multimedia performance on the Philips Motivo Full HD display.
Combined with digital TV tuner, HDMI input and powerful sound, it's a great choice.

Best picture quality
- Full HD LCD display, with a 1920 x 1080p resolution
- SmartContrast 20,000,000:1 for incredible rich black details
- LED technology for natural colours
- SmartPicture for optimised display experience
- SmartSound selects a perfect mode for audio performance

Experience true multimedia
- Incredible Surround for enhanced audio enjoyment
- Digital audio and video reception via digital tuner

Easy to connect and enjoy
- Built-in digital TV tuner for viewing TV on your PC monitor
- HDMI-ready for Full HD entertainment
- USB for fantastic MP3 audio and JPEG photo playback
- VGA input for PC connectivity

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Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.
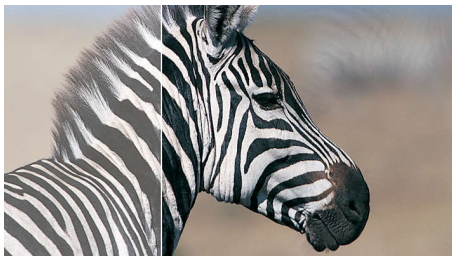
Digital TV tuner

A digital television tuner built into a monitor to receive and display high quality TV signals from various sources.

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.
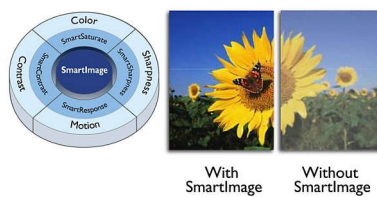
SmartContrast ratio 20,000,000:1

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. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

SmartPicture

With SmartImage

Without SmartImage

SmartPicture is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartPicture dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

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.

SmartSound

SmartSound allows you to select various modes like Movie, Games, Music etc., thereby automatically activating predefined frequencies to enhance the sound related to the function

HDMI Ready

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Digital audio and video

Digital audio and video reception via digital tuner

USB for MP3 audio and JPEG

The USB multimedia connector allows direct access to JPEG photos, MP3 music without the requirement of PC. Plug your USB device directly into the monitor and start enjoying your favourite music or Photos with the help of the on-screen user friendly content browser which is easily accessible via supplied Remote Control.

VGA input for PC connectivity

VGA input for PC connectivity

Specifications

Picture/Display
- Diagonal screen size (metric): 54.6 cm
- Diagonal screen size (inch): 21.5 inch
- Aspect ratio: 16:9, Widescreen
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel resolution: 1920 x 1080
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: Progressive scan
- Screen enhancement: Anti-Reflection coated screen

Connectivity
- Ext @ rear: D-sub x 1, HDMI (1.4a) x 1, Headphone x 1, PC audio in x 1, Scart x 1, SPDIF out x 1 (RCA), Tuner x 1, YPbPr x 1 + L/R input x 1
- Ext @ side: CI+, USB x 1 (JPG/MP3)

Convenience
- Ease of Installation: Plug and Play, Automatic Tuning System (ATS)
- Other convenience: VESA mount (100 x 100 mm)
- Remote control type: Philips RC6 Remote control
- Ease of Use: On-Screen Display, Programme List, Side Control
- Screen Format Adjustments: Auto (WSS), Movie expand 14:9, Movie expand 16:9, Widescreen, Super Zoom, Subtitle Zoom, 4:3
- SmartSound: Cinema, Drama, Game, News, Personal, Sports, Standard
- Teletext: 1000-page Smart Text
- On-Screen Display languages: Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Kazakh, Latvian, Lithuanian, Norwegian, Portuguese, Polish, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Turkish, Ukraine
- SmartPicture: Cinema, Custom, Energy saving, Game, Natural, Photo, Standard, Vivid

Sound
- Output power (RMS): 3 W x 2

- Sound Enhancement: Incredible Surround, Smart Sound
- Sound System: Mono, Stereo, Nicam Stereo

Stand
- Tilt: 0/+15 degree

Power
- Mains power: 100-240 V, 50/60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 25.6 W (typ.)/34 W (max)
- Standby mode: 0.3 W (typ.)
- Ambient temperature: 5°C to 40°C

Supported Display Resolution
- Computer formats: Optimum 1920 x 1080, 60 Hz
- 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

Dimensions
- Product with stand (mm): 529 x 384 x 174 mm
- Packaging in mm (W x H x D): 567 x 446 x 116 mm
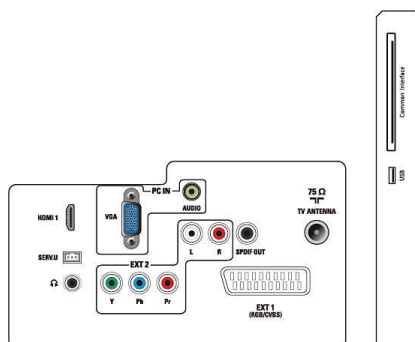- Product without stand (mm): 529 x 345 x 38 mm

Weight
- Product with packaging (kg): 4.37 kg
- Product with stand (kg): 3.24 kg
- Product without stand (kg): 3.0 kg

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL
- Digital TV: DVB-C, DVB-T
- MPEG-2, MPEG-4 support
- CI/CI+: yes (Burn CI+ key in set)
- MHEG-5 v1.06

Accessories
- Included accessories: Power cord, Remote Control (with battery), Quick start guide, User Manual, VGA cable

www.philips.com