



Philips
LCD monitor with Digital
TV tuner

21.5" (54.6 cm)
Full HD display

221TE5LB



Great Full HD entertainment

with DTV tuner

Experience great performance on the Philips Full HD display with digital TV tuner. HDMI input, USB AV playback and powerful sound makes it a great choice.

Best picture quality

- Full HD LCD display, with a 1920x1080p resolution
- LED technology for natural colors
- SmartContrast 20000000:1 for incredible rich black details
- SmartPicture for optimized display experience

Easy to connect and enjoy

- Built-in digital TV tuner for viewing TV on your PC monitor
- VGA input for PC connectivity
- HDMI-ready for Full HD entertainment
- HDMI with Easylink
- USB direct playback for video, photo and MP3

Experience true multimedia

- Digital audio and video reception via digital tuner
- SmartSound selects a perfect mode for audio performance

PHILIPS

LCD monitor
21.5" (54.6 cm) Full HD display

221TE5LB/00

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 LCD backlight, resulting in super high contrast ratio. It also gives superior color 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 1920x1080p



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 like 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 colors.

USB multimedia

The USB connector allows access to jpeg photos, MP3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of MTV and access the multimedia content using the easy

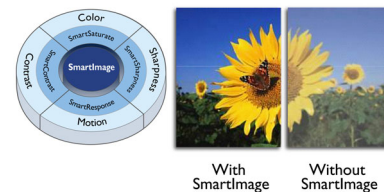
on screen content browser. You can now view your videos, photos and music.

SmartContrast ratio 20000000:1



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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

SmartPicture



SmartPicture is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color 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!

SmartSound

SmartSound allows you to select various modes like Movie, Games, Music etc thereby automatically activating pre defined 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. A HDMI cable enables high-quality digital video and audio all 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).

HDMI with Easylink

HDMI is a single cable to carry both picture and audio signals from your devices to your MTV, saving you from cable clutter. It carries uncompressed signals, ensuring that you have the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your MTV. Enjoy high quality picture and sound without clutter or fuss.

Digital audio and video

Digital audio and video reception via digital tuner



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Diagonal screen size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9, Widescreen
- Panel resolution: 1920 x 1080
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20000000:1
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Contrast ratio (typical): 1000:1
- Picture enhancement: Progressive scan
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- **Computer formats**

Resolution	Refresh rate
Optimum 1920 x 1080	60 Hz
- **Video formats**

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

Sound

- Output power (RMS): 6W (3W+3W)
- Sound Enhancement: Smart Sound, Surround
- Sound System: Mono, Stereo, Nicam Stereo

Convenience

- Ease of Installation: Plug & Play, Automatic Tuning System (ATS)
- Ease of Use: On Screen Display, Program List, Side Control
- Remote control type: Philips Remote control
- 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
- Other convenience: VESA mount (75x75mm)

- Screen Format Adjustments: 4:3, Autofill, Autozoom, Super Zoom, Subtitle Zoom, Movie expand 14:9, Movie expand 16:9, Widescreen
- SmartPicture: Cinema, Custom, Energy saving, Game, Natural, Personal, Photo, Standard, Vivid
- SmartSound: Cinema, Drama, Game, News, Personal, Sports, Standard
- Teletext: 1000 page Smart Text

Stand

- Tilt: 0/+15 degree

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- 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
- CI/CI+: yes (Burn CI+ key in set)
- Digital TV: DVB-C, DVB-T
- MPEG-2, MPEG-4 support
- MHEG-5
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext @ side: CI+, USB x 1 (JPG/MP3/Video), Headphone
- Ext @ rear: D-sub x 1, HDMI (1.4a) x 2, PC audio in x 1, Scart x 1, SPDIF out x 1 (RCA), Tuner x 1

Power

- On mode: 30W (typ.) / 45W (max)
- Off mode: 0.3W (typ.)
- Standby mode: 0.3W (typ.)
- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50-60Hz

Dimensions

- Packaging in mm (WxHxD): 565 x 434 x 116 mm
- Product with stand (mm): 511 x 368 x 174 mm
- Product without stand (mm): 511 x 317 x 47 mm

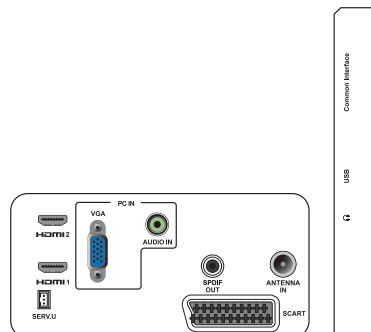
Weight

- Product with packaging (kg): 4.85 kg
- Product with stand (kg): 3.58 kg
- Product without stand (kg): 3.35 kg

Accessories

- Included accessories: Power cord, Remote

Control (with battery), Quick start guide, User Manual, VGA cable



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