



LCD monitor with Digital TV tuner

- 21.5"/54.6 cm
- Full HD display

221TE5LB/00

## 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 make it a great choice.

### Benefits

#### Best picture quality

- LED technology for natural colours
- Full HD LCD display, with a 1920 x 1080p resolution
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartPicture for optimised display experience

#### Easy to connect and enjoy

- Built-in digital TV tuner for viewing TV on your PC monitor
- USB direct playback for video, photo and MP3

- HDMI-ready for Full HD entertainment
- HDMI with Easylink
- VGA input for PC connectivity

#### Experience true multimedia

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

### Features

#### 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

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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.

### 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 the MTV and access the multimedia content using the easy on-screen content browser. You can now view your videos, photos and music.

### 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.

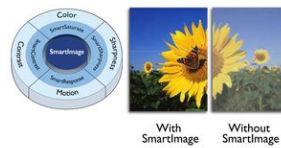
## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Diagonal screen size (inch)	21.5 inch
Diagonal screen size (metric)	54.6 cm
Aspect ratio	16:9 Widescreen
Panel resolution	1920 x 1080
Response time (typical)	5 ms
Brightness	250 cd/m <sup>2</sup>
SmartContrast	20,000,000:1
Viewing angle	170° (H)/160° (V) @ C/R > 10
Contrast ratio (typical)	1000:1
Picture enhancement	Progressive scan
Screen enhancement	Anti-Reflection coated screen

### SmartPicture



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!

### 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



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

### 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

### Sound

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

## Convenience

Ease of Installation	Plug and Play Automatic Tuning System (ATS)
Ease of Use	On-Screen Display Programme 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 (75 x 75 mm)
Screen Format	4:3
Adjustments	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
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## 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	Yes
MHEG-5	Yes
Tuner bands	Hyperband S-Channel UHF VHF

## Connectivity

Ext @ side	CI+ USB x 1 (JPG/MP3/Video) Headphones
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	30 W (typ.)/45 W (max)
Off mode	0.3 W (typ.)
Standby mode	0.3 W (typ.)
Ambient temperature	5°C to 40°C
Mains power	100-240 V, 50-60 Hz

## Dimensions

Packaging in mm (W x H x D)	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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data subject to change  
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