



Philips  
LCD monitor

23.6"/60 cm  
Full HD display

241TE5LB



## 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.

### 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

### Experience true multimedia

- SmartSound selects a perfect mode for audio performance
- 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
- VGA input for PC connectivity
- USB direct playback for video, photo and MP3
- HDMI with Easylink

# PHILIPS

LCD monitor  
23.6"/60 cm Full HD display

# 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.

## 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

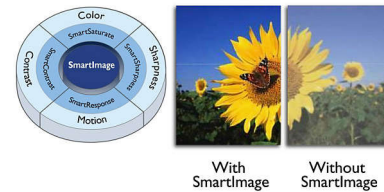
easy on-screen content browser. You can now view your videos, photos and music.

## 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.

## 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

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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



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).

## 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

## VGA input for PC connectivity

VGA input for PC connectivity



# Specifications

## Picture/Display

- Diagonal screen size (metric): 59.9 cm
- Diagonal screen size (inch): 23.6 inch
- Aspect ratio: 16:9, Widescreen
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel resolution: 1920 x 1080
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R &gt; 10
- Picture enhancement: Progressive scan
- Screen enhancement: Anti-Reflection coated screen

## Connectivity

- 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
- Ext @ side: CI+, USB x 1 (JPG/MP3/Video), Headphones

## Convenience

- Ease of Installation: Plug and Play, Automatic Tuning System (ATS)
- Other convenience: VESA mount (75 x 75 mm)
- Remote control type: Philips Remote control
- Ease of Use: On-Screen Display, Programme List, Side Control
- Screen Format Adjustments: 4:3, Autofill, Autozoom, Super Zoom, Subtitle Zoom, Movie expand 14:9, Movie expand 16:9, Widescreen
- 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, Personal, Photo, Standard, Vivid

## Sound

- Output power (RMS): 6 W (3 W+3 W)

- Sound Enhancement: Smart Sound, Surround
- 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: 33W (typ.) / 50W (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): 560 x 395 x 174 mm
- Packaging in mm (W x H x D): 606 x 464 x 117 mm
- Product without stand (mm): 560 x 347 x 48 mm

## Weight

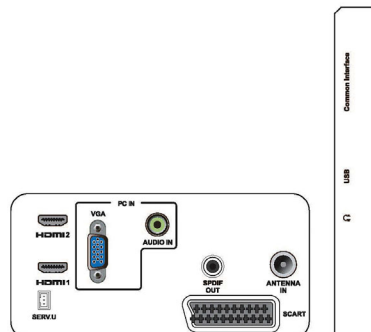
- Product with packaging (kg): 5.36 kg
- Product with stand (kg): 3.91 kg
- Product without stand (kg): 3.57 kg

## 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

## Accessories

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



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