



Philips  
LCD monitor with TV  
tuner

**T-line**  
21.5" (54.6 cm)

**220TV4LB**

## Great TV viewing on your Full HD LED monitor

with TV tuner

Enjoy great TV programs on the Philips Full HD display. Features like direct USB Video playback, HDMI input and powerful stereo sound makes it a great choice.

### **Best picture quality**

- Full HD LCD display, with a 1920x1080p resolution
- LED technology ensures natural colors

### **Experience true multimedia**

- 5W (RMS) x 2 speaker sound
- USB direct playback for video, photo and MP3

### **Easy to connect and enjoy**

- VGA input for PC connectivity
- HDMI ready for HD entertainment
- Built-in TV tuner for viewing TV programs

# PHILIPS

# 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.

## 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.

## HDMI Ready



HDMI ready

A 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.

## Built-in TV tuner

This Philips display has a built in TV tuner to receive television signals. Now you can enjoy

TV programs and also work on your computer on the same display.

## 5W (RMS) x 2 speaker sound

This Philips display comes with powerful 5 watts per channel stereo speakers. Combined output of 10 watts allows you to experience wide range of low and high frequencies with enough loudness. Now you can enjoy your music videos and HD movies, or do your social networking, and play games, or simply listen to music - all with a rich sound experience.

## 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.

## 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/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20000000:1
- 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, Tuner x 1, YPbPr x 1, L/R audio, CVBS with audio L+R, PC audio in x 1, CVBS out, HDMI (1.4a) x 2
- Ext @ side: USB x 2 (JPG/MP3/Video), Headphone, CVBS with audio L+R, HDMI (1.4a) x 1

## Convenience

- Ease of Installation: Channel list, Plug & Play
- Other convenience: VESA mount (75x75mm)
- Remote control type: Philips Remote control
- Ease of Use: On Screen Display
- Screen Format Adjustments: Normal, Wide, Zoom 1, Zoom 2
- On-Screen Display languages: English, Russian, Simplified Chinese, Traditional Chinese
- Picture mode: Cinema, Game, Mild, Personal, Sport, Standard, Vivid
- Sound mode: Music, Personal, Standard, Theatre, Voice

## Sound

- Output power (RMS): 5W x 2
- Sound System: Mono, Stereo

## Power

- Mains power: 100-240V, 50-60Hz
- Off mode: 1W
- On mode: 50 W max.
- Standby mode: 1W
- Ambient temperature: 0 °C to 40 °C

## Supported Display Resolution

- Computer formats: 1920 x 1080, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

## Dimensions

- Product with stand (mm): 520 x 381 x 144 mm
- Packaging in mm (WxHxD): 576 x 432 x 108 mm
- Product without stand (mm): 520 x 340 x 38 mm

## Weight

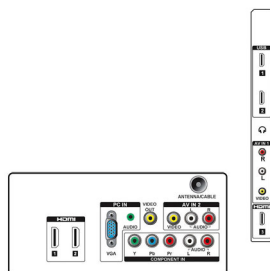
- Product with packaging (kg): 4.35 kg
- Product with stand (kg): 3.35 kg
- Product without stand (kg): 3.21 kg

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial, F-type
- TV system: NTSC M, PAL B/G, PAL D/K, I
- Video Playback: NTSC, PAL

## Accessories

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



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