

Philips
LED monitor with TV tuner

T-line
21.5" (54.6 cm)

220TS2LB



Great TV entertainment on your LED monitor

Experience great movies with your LED Full HD TV monitor. Combined with two HDMI and various AV inputs, stereo audio and modern touch controls, the 220TS2 is ready to entertain you!

Best picture quality
- Full HD LCD display, with a 1920x1080p resolution
- LED technology ensures natural colors
- SmartContrast 20000000:1 for incredible rich black details

Great convenience
- Built-in TV tuner for viewing TV programs on your PC monitor
- Modern Touch controls
- Dual input accepts both analog VGA and digital HDMI signals
- SmartImage: Optimized user-friendly display experience
- SmartSound selects a perfect mode for audio performance

Experience true multimedia
- HDMI-ready for top quality, multimedia experience
- Incredible Surround for enhanced audio enjoyment

PHILIPS

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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 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.

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.

Built-in TV tuner

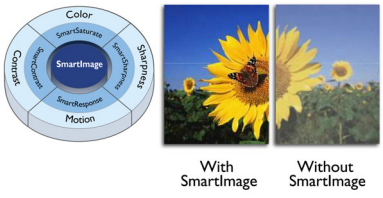
A television tuner built into a monitor to display television signals as well as computer data.

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.

SmartImage



SmartImage 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, SmartImage 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!

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).

Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch,Touch control gives the monitor a modern feel.

Dual input

Dual input accepts both analog VGA and digital HDMI signals

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

LED White LED
2x HDMI
Full HD 1080p
20,000,000:1 SmartContrast
Touch control
Incredible Surround
SmartImage
SmartSound

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Specifications

Picture/Display
- LCD panel type: TFT-LCD (TN)
- 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 > 5

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1920 x 1080	60Hz

- Video formats

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

Sound
- Output Power: 2 x 3W
- Sound Enhancement: Incredible Surround, Smart Sound
- Sound System: Mono, Nicam Stereo, Stereo

Convenience
- Ease of Installation: Automatic Tuning System (ATS), Plug & Play
- Ease of Use: On Screen Display, Program List, Side Control
- Remote control type: 220TS2 Remote control
- On-Screen Display languages: English, Simplified Chinese
- Other convenience: VESA mount (75x75mm)
- Screen Format Adjustments: Widescreen, Super Zoom, Zoom 1, Zoom 2, 4:3
- SmartImage: Vivid, Standard, Personal, Eco, Movie
- SmartSound: Personal, Music, Speech

Stand
- Tilt: -3/+12 degree

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL B/G, PAL D/K, PAL I
- Video Playback: NTSC, PAL
- Tuner Display: PLL

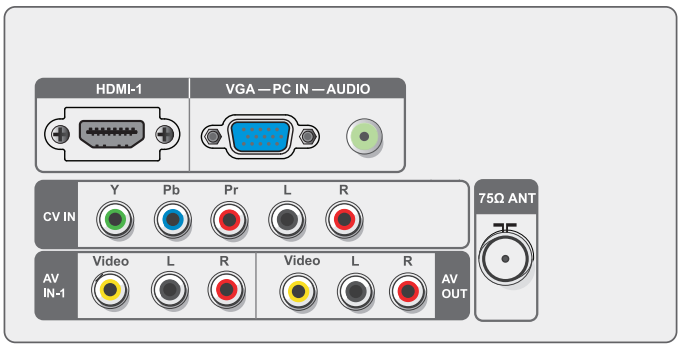
Connectivity
- CV IN: YpbPr, Audio L/R in
- AV IN: Video in, Audio L/R in
- AV OUT: Video out, Video L/R out
- Other connections: HDMI, PC-In VGA, PC Audio in
- AV IN (@ side): Video in, Audio L/R in
- Other connections (@ side): Headphone out, S-Video in, HDMI

Power
- On mode: 30W (typ.)
- Off mode: 0.5W
- Ambient temperature: 0 °C to 40 °C
- Mains power: 100-240V, 50/60Hz
- Standby mode: 0.5W

Dimensions
- Packaging in mm (WxHxD): 569 x472 x 135 mm
- Product with stand (mm): 521 x 401 x 169 mm
- Product without stand (mm): 521 x 359 x 42 mm

Weight
- Product with packaging (kg): 5.82 kg
- Product with stand (kg): 4.30 kg
- Product without stand (kg): 3.80 kg

Accessories
- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, VGA cable, Audio Cable, Power cord





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