PHILIPS

LCD Monitor with Digital TV tuner

55 cm (21.5") w T-line

1920 x 1080 Full HD

221T1SB

Digital Full HD TV monitor in a stylish package

Experience brilliant multimedia performance with this stylish, glossy and stunning Full HD 1080p display with Digital TV tuner! Combining HDMI and AV inputs along with powerful sound the 221T1 takes entertainment to a new height!

Best picture quality
- Full HD LCD display, with a 1920 x 1080p resolution
- SmartContrast 50000:1 for incredible rich black details
- Smart mode selects a perfect mode for what you are watching
- Up to 5 ms response time for clear, fast-moving action

Great convenience
- Built-in TV tuner for viewing TV programmes on your PC monitor
- Remote control for TV functions

Experience true multimedia
- HDMI-ready for top quality, multimedia experience
- SmartSound selects a perfect mode for audio performance
- Incredible Surround for enhanced audio enjoyment

Ready for digital
- MPEG4 HDTV reception via DVBT tuner

Highlights

MPEG4 HDTV

HDTV allows you to watch High Definition TV in the best picture and sound quality without an additional set-top box. With the built in DVBT tuner that can handle state-of-the-art MPEG-4 formats, you can now receive and watch High Definition TV programmes and other rich multimedia content in Digital Quality

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.

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).

Smart mode

The optimum picture and sound depends on various aspects like the video source, content type, surroundings of the room, type of display device etc. Smart Mode has predefined picture and sound settings conveniently pre-set by the way you use your TV. The 'Personal' setting, allows you to define the picture settings according to your preference, store it and gain easy access for future selection. All these conveniently built into your TV for optimal settings.

SmartContrast ratio 50000:1

With SmartContrast   Without SmartContrast

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.

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.

5 ms response time

Response time measures signal reaction speed in milliseconds. A faster response time is better as it eliminates visible image artefacts that could dampen your experience when viewing fast-moving images or objects. In this case, this LCD panel gives you a 5 ms response time so that you can watch your LCD TV with a clear, fast-moving action.

Specifications

Picture/Display

Aspect ratio: Widescreen, 16:9
Brightness: 250 cd/m²
SmartContrast: 50000:1
Contrast ratio (typical): 1000:1
Diagonal screen size: 21.5 inch / 54.61 cm
Panel resolution: 1920 x 1080
Picture enhancement: Progressive scan, TrueVision
Response time (typical): 5 ms
Screen enhancement: Anti-Reflection coated screen
Viewing angle: 170º (H)/160º (V)

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1920 x 1080	60 Hz

Video formats

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

Sound

Output power (RMS): 2 x 3 W
Sound Enhancement: Incredible Surround, Smart Sound
Sound System: Mono, Stereo

Convenience

Ease of Installation: Automatic Tuning System (ATS), Plug and Play
Ease of Use: Programme List, Side Control

Remote control: 221T1 Remote control
On-Screen Display languages: Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Russian, Serbian, Simplified Chinese, Slovakian, Slovenian, Spanish, Swedish, Turkish
Other convenience: VESA mount (100 x 100 mm)
Screen Format Adjustments: Widescreen, Normal, Zoom 1, Zoom 2
Smart mode: Movie, Personal, Vivid, Standard, Eco
SmartSound: Music, Speech, Personal
Teletext: 1000-page Smart Text

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, SECAM, PAL
Tuner Display: PLL
Digital TV: DVB Terrestrial*
Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

Signal Input: VGA (Analogue), HDMI, PC Audio in
Ext 1: SCART in
Ext 2: YPbPr in, Audio L/R in
Ext 3: CVBS out, Audio L/R out
Other connections: Common Interface, CVBS in, Audio L/R in, USB Service port, S/PDIF out (coaxial)

Power

On mode: 31 W (Typ.@monitor mode)
Off mode: <0.3 W
Ambient temperature: 0 °C to 40 °C
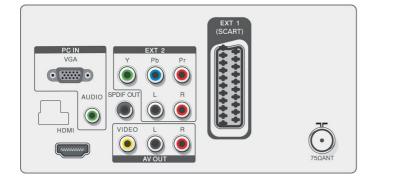Mains power: 100-240 V, 50/60 Hz

Dimensions

Product with stand (mm): 382 x 528 x 176 mm
Product without stand (mm): 347 x 528 x 65 mm
Packaging in mm (W x H x D): 451 x 620 x 160 mm

Weight

Product with stand (kg): 4.6 kg
Product without stand (kg): 4.5 kg
Product with packaging (kg): 6.5 kg

Accessories

Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control

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