



Philips
LCD monitor with Analog
TV tuner

58 cm (23") w T-line
1920x1080 Full HD

230T1SB



Full HD TV monitor with HDMI in a stylish package

Experience brilliant multimedia performance with this stylish, glossy and stunning Full HD 1080p display with TV tuner! Combined with HDMI and AV inputs along with powerful sound the 230T1 takes entertainment to a new height!

Best picture quality

- Full HD LCD display, with a 1920x1080p resolution
- SmartContrast 50000:1 for incredible rich black details
- SmartImage: Optimized user-friendly display experience
- Up to 5ms response time for clear, fast moving action

Great convenience

- Built-in TV tuner for viewing TV programs 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

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Highlights

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

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).

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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors

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.

5ms response time

Response time measures signal reaction speed in milliseconds. Faster response time is better as it eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects. In this case, this LCD panel gives you 5ms 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: 300 cd/m²
- SmartContrast: 50000:1
- Contrast ratio (typical): 1000:1
- Diagonal screen size: 23 inch / 58.42 cm
- Panel resolution: 1920 x 1080
- Picture enhancement: Progressive scan, TrueVision
- Response time (typical): 5 ms
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle: 170° (H) / 160° (V)

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

Convenience

- Ease of Installation: Automatic Tuning System (ATS), Plug & Play
- Ease of Use: On Screen Display, Program List, Side Control
- Remote control: 230T1 Remote control
- On-Screen Display languages: English, Simplified

Chinese

- Other convenience: VESA mount (100x100mm)
- Screen Format Adjustments: Widescreen, Normal, Zoom 1, Zoom 2
- Smart mode: Movie, Standard, Personal, Vivid, Eco
- SmartSound: Music, Speech, Personal

Tuner/Reception/Transmission

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

Connectivity

- Signal Input: VGA (Analog), HDMI, PC Audio in
- Ext 1: CVBS in, Audio L/R in
- Ext 2: YPbPr in, Audio L/R in
- Ext 3: CVBS out, Audio L/R out
- Other connections: S-Video in, CVBS in, Audio L/R in, Headphone out

Power

- On mode: 49W (Typ.@monitor mode)
- Off mode: 0.5W
- Ambient temperature: 0 °C to 40 °C
- Mains power: 100-240V, 50/60Hz

Dimensions

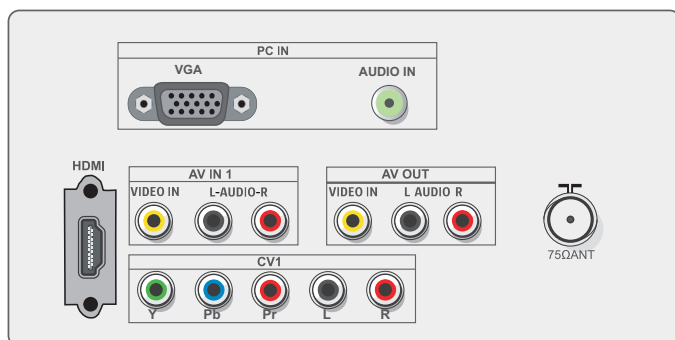
- Product with stand (mm): 399 x 560 x 176 mm
- Product without stand (mm): 364 x 560 x 65 mm
- Packaging in mm (WxHxD): 477 x 653 x 160 mm

Weight

- Product with stand (kg): 5.53 kg
- Product without stand (kg): 5.35 kg
- Product with packaging (kg): 7.59 kg

Accessories

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



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