



Philips
LCD monitor, LED
backlight with Digital TV
tuner

T-line

18.5" / 47 cm

191TV4LB



Great TV viewing on your HD LED monitor

with digital TV tuner

Experience great TV viewing with your LED TV monitor. Combined with HDMI input and stereo sound, the 191TV4 is ready to entertain you!

Best picture quality

- HD Ready for the highest quality display of HD signals
- LED technology ensures natural colors
- SmartContrast 20000000:1 for incredible rich black details
- SmartPicture for optimized display experience

Easy to connect and enjoy

- Built-in digital TV tuner for viewing TV on your PC monitor
- VGA input for PC connectivity
- HDMI ready for HD entertainment

Experience true multimedia

- Digital audio and video reception via digital tuner
- SmartSound selects a perfect mode for audio performance

PHILIPS
sense and simplicity

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.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Digital TV tuner

A digital television tuner built into a monitor to receive and display high quality TV signals from various sources.

SmartContrast ratio 20000000:1

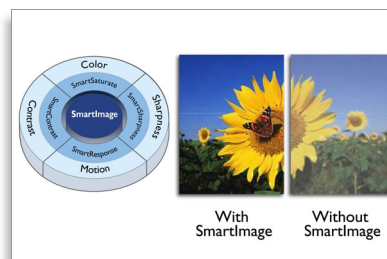


You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

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

SmartPicture



SmartPicture 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, SmartPicture 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



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.

Digital audio and video

Digital audio and video reception via digital tuner



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Diagonal screen size: 18.5 inch / 47 cm
- Aspect ratio: 16:9, Widescreen
- Panel resolution: 1366 x 768
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20000000:1
- Contrast ratio (typical): 1000:1
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: Progressive scan
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1366 x 768	60Hz

Video formats

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

Sound

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

Convenience

- Ease of Installation: Channel list, Plug & Play
- Ease of Use: On Screen Display
- Remote control type: Philips RC6 Remote control
- On-Screen Display languages: English, Portuguese, Spanish
- Other convenience: VESA mount (75x75mm)
- Screen Format Adjustments: Normal, Wide, Zoom 1, Zoom 2
- SmartPicture: Cinema, Game, Mild, Personal,

- Standard, Sport, Vivid
- SmartSound: Music, Personal, Standard, Theatre, Voice
- Teletext: CC & Child lock, EPG

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial, F-type
- TV system: PAL M, PAL N, NTSC
- Video Playback: NTSC, PAL
- Tuner Display: PLL
- Digital TV: ISDB-Tb, SBTVD-T
- MPEG-2, MPEG-4 support
- Tuner bands: Hyperband, UHF, VHF

Connectivity

- Ext @ side: OSD function keys (5), USB x 1 for service only
- Ext @ rear: D-sub x 1, HDMI (1.4a) x 1, Tuner x 1, YPbPr x 1, L/R common use with, 3.5mm PC audio in (CVBS on Y)

Power

- On mode: 30W max.
- Off mode: 0.5W
- Standby mode: 0.5W
- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50-60Hz

Dimensions

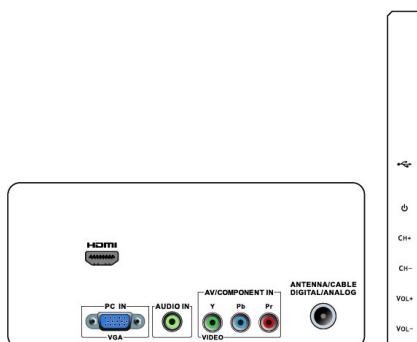
- Packaging in mm (WxHxD): 509 x 401 x 107 mm
- Product with stand (mm): 453 x 344 x 128 mm
- Product without stand (mm): 453 x 303 x 38 mm

Weight

- Product with packaging (kg): 3.54 kg
- Product with stand (kg): 2.85 kg
- Product without stand (kg): 2.7 kg

Accessories

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



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