



Philips  
4000 series LED-LCD TV

50" class/po



50PFL4901

## Smart TV

Performance and connectivity at a great value

featuring wireless connectivity with Netflix, Vudu, Pandora along with Samba TV Hotlist and Xumo media portals.

### Enlarge your viewing experience

- 120 Perfect Motion Rate for increased pixel response times
- 1080p High Definition Resolution for ultra-sharp images

### Authentic and clear sound experience.

- Immersive sound with clear voice designed by sonic emotion
- 20 Watts RMS of rich surround sound to complement 4K images

### Enjoy the online world of connectivity

- Wireless LAN 802.11ac MIMO for seamless streaming
- Wirelessly mirror the screen of smart device on your TV
- Instant access to Netflix and Vudu via the remote
- Introducing Hotlist and Xumo portals for streaming channels

### Complete digital connectivity made simple

- A lean-back big screen YouTube experience
- Enjoy Pandora, the most popular online radio service
- Play H.264, AAC, MP3, JPEG and more formats on USB



# PHILIPS

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# Highlights

## Full HD 1080p display

Blu-ray Discs have the capacity to carry high definition data, along with pictures in the 1920 x 1080 resolution that defines full high definition images. This can only mean you get the best possible TV picture quality available today - so prepare to feast your eyes.

## 120 Perfect Motion Rate



120 Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the HDTV to produce faster picture transitions and reduces motion artifacts.

## sonic emotion



Immersive sound with clear voice designed by sonic emotion. Absolute3D sound fills your surroundings with the right ambience, clarifies voice, and details the sound stage, making your experience more immersive and enjoyable.

## Wireless LAN 802.11ac MIMO

Experience a rich selection of online service wireless with your Philips Internet services. Enjoy movies, pictures, entertainment and other online content directly on your TV without any cable clutter. Simply connect your Television, Blu-ray player or Home Theater directly to your home network through the wireless ethernet connection, and navigate and select what you want to watch with the remote control.

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## Wireless Screencasting



Watch and surf anything and everything wirelessly from your smart phone, tablet or PC to your Philips TV. Imagine the ability to have unlimited access to every web destination like shopping, email, videos, social networking, as well as your favorite TV shows and sporting events. With Wireless Screencasting your source device screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

## USB Multimedia

The USB connector allows access to H.264, AAC, MP3, JPEG and more formats files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.



# Specifications

## Picture/Display

- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 8.5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 50 inch / 127 cm
- Visible screen diagonal (inch): 49.5 inch
- Display screen type: LED Full HD Display
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 120 PMR, Light sensor, Color Enhancement, Gamma, Black stretch, Digital Noise Reduction, MPEG artifact reduction, Dynamic contrast

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1400 x 1050	60Hz
1440 x 900	60 Hz
1680 x 1050	60Hz
1920 x 1080	60Hz

### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24,30,60Hz

## Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 10W
- Sound System: Stereo, SAP, Dolby Digital Plus, Sonic Emotion Premium

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: AutoPicture, AutoSound, Settings assistant Wizard, Auto Volume Leveling
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Full, Automatic
- Multimedia: auto slideshow, USB media browser

## Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: JPEG Still pictures, MPEG1, MPEG2, MPEG 4 SP/ASP, H.264/MPEG-4 AVC, H.265/HEVC, MP3, AAC, WAVE

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

## Connectivity

- AV 1: CVBS/YPbPr, Shared audio L/R in
- HDMI 1: HDMI, Shared audio L/R in
- HDMI 2: HDMI, Shared audio L/R in
- HDMI 3: HDMI, Shared audio L/R in
- Audio Output - Digital: Optical (TOSLINK)
- USB: USB
- Other connections: Ethernet, Headphone out, PC-In VGA, Wireless LAN 802.11ac MIMO
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby

## Power

- Ambient temperature: 5°C to 40°C (41°F to 104°F)
- Mains power: 120V/60Hz
- Power consumption: 145 W
- Standby power consumption: < 0.5 W

## Dimensions

- Set dimensions in inch (W x H x D):

- 44.7 x 26.6 x 4.5 inch
- Product weight (lb): 26.90 lb
- Set dimensions with stand in inch (W x H x D): 44.7 x 28.3 x 10.7 inch
- Product weight (+stand) (lb): 31.97 lb
- Box dimensions in inch (W x H x D): 51.9 x 31.0 x 8.2 inch
- Weight incl. Packaging (lb): 41.89 lb
- VESA wall mount compatible: 300 x 300 mm

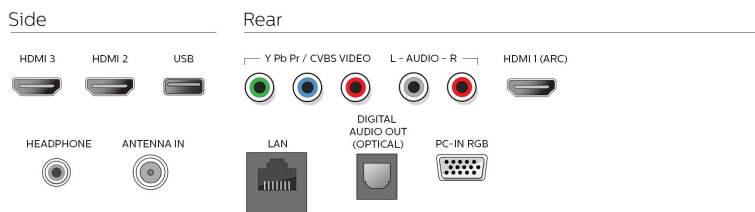
## Accessories

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

## Network Services

- NetTV Apps: Netflix, Vudu, YouTube, Pandora, Cinema Now, Hotlist, Samba, Xumo
- Network Features: Home Network, Wireless Screencasting

## Connections



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