Philips
3000 series LCD TV

50" class/po

50PFL3707

Affordable Performance

Big screen at a great value

Enjoy a great picture in a large screen LCD TV. Amazingly sharp pictures delivered in full high-definition 1080p clarity. All the connection options you need from HDMI and USB, to PC-In for complete versatility.

Enlarge your viewing experience
• Full 1080p HD display, with a 1920x1080p resolution
• Digital Crystal Clear for detail depth and clarity
• Enjoy rich sound and clear dialog with SRS TruSurround HD

Complete digital connectivity made simple
• Seamless connectivity with 3 HDMI inputs and Easylink
• USB for fantastic multimedia playback
• PC-input allows you to use your TV as a PC monitor

Simple to set up, easy to use
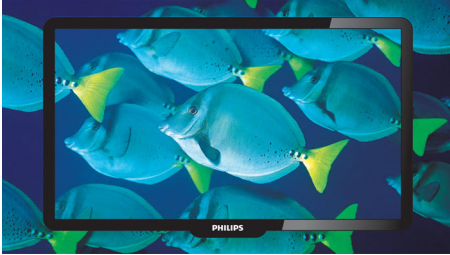• Picture setting made fast and easy with Setting Assistant

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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.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

SRS TruSurround HD sound

Enjoy an enveloping, surround sound experience with rich bass, crisp highs and clear dialog from your TVs internal speakers or external speaker bar. A suite of SRS technologies are combined to give you enthralling audio for everyone in the room, without extra speakers and wires. SRS TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

Seamless connectivity

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With HDMI input of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

USB multimedia playback

The USB connector allows access to jpeg photos and motion jpeg movie(320x240 30fps, PCM) 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 movie and photos.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Picture setting with Assistant

Settings assistant for effortless personalized TV settings. The new settings assistant personalization wizard guides you to personalized settings with unparalleled ease. It includes not only picture, but the complete viewing experience, including sound setting. The wizard shows a few screens with easy to choose options to select the essential settings. The TV performance is set to the your personal preference without difficult terms or settings, and this very quickly.

Specifications

Picture/Display
- Brightness: 350 cd/m²
- Contrast ratio (typical): 4000:1
- Response time (typical): 8 ms
- Aspect ratio: Widescreen
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 49.5 inch / 125.7 cm
- Visible screen diagonal (inch): 49.5 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Digital Crystal Clear, Dynamic contrast enhancement, Active Control + Light sensor, 3D Combfilter, Digital Noise Reduction, Progressive scan, 3/2 - 2/2 motion pull down
- Display screen type: LCD Full HD W-UXGA Act. matrix

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: SRS TruSurround HD, Dolby Digital (AC-3), SAP, Stereo

Loudspeakers
- Built-in speakers: 2

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: Auto Volume Leveller (AVL), Settings assistant Wizard, AutoPicture, AutoSound, EasyLink, Touch Sensor
- Remote Control: TV
- Screen Format Adjustments: 4:3, 16:9, Movie Expand, Normal, Zoom, Full, Wide, unscaled (dot by dot)
- Multimedia: auto slideshow

Multimedia Applications
- Multimedia connections: USB memory class device
- Playback Formats: JPEG Still pictures, Motion JPEG 320x240 30fps, PCM

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

Connectivity
- AV 1: CVBS in, Shared audio L/R in
- AV 2: 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
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Headphone out, PC-In VGA, Shared audio L/R in
- USB: USB

Power
- Mains power: 120V/60Hz
- Standby power consumption: < 0.5W
- Power consumption: 238 W
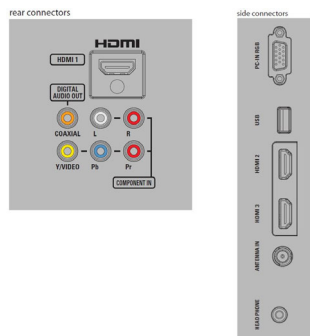- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions
- Set dimensions in inch (W x H x D): 46.3 x 28.11 x 4.53 inch
- Set dimensions with stand in inch (W x H x D): 46.3 x 30.31 x 10.63 inch
- Box dimensions in inch (W x H x D): 56.14 x 32.13 x 8.94 inch
- Product weight (lb): 44.53
- Product weight (+stand) (lb): 47.62 lb
- Weight incl. Packaging (lb): 58.20 lb
- VESA wall mount compatible: 400 x 400 mm

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

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