

Philips 5000 series
LED TV

117 cm (46")
Full HD 1080p

46PFL5556



Entertainment comes to life

with brilliant LED picture performance

Experience television as it was meant to be with a Philips flat screen. This LED TV delivers top quality performance with Pixel Plus HD and sets the scene for you to experience the brilliance of LED technology.

See brilliant picture quality

- 240Hz Perfect Motion Rate (PMR) for superb motion sharpness
- "Dynamic contrast 5000000:1 for incredible rich black detail
- Full HD LCD display for better depth and clarity
- HD Natural Motion for ultra-smooth motion in Full HD movies
- Pixel Plus HD for better details, depth and clarity
- "LED technology ensures natural color and thin design"

Hear crisp and clear sound

- Hear every word with Clear Sound
- Incredible Surround for enhanced audio enjoyment
- Feel the power of 16W RMS+10W Subwoofer

Easy to connect and enjoy

- 3 HDMI inputs with Easylink for a full HD connection
- Fantastic photo and music playback via USBThe USB connector

PHILIPS

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Highlights

LED



"LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as being the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.."

Full HD LCD display, 1920 x 10



"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.."

240Hz PMR



240Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

Pixel Plus HD



Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artefacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clear and razor sharp

HD Natural Motion



"Philips invented HD Natural Motion to minimise juddering effects that are visible with

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movie-based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.."

"Dynamic contrast 5000000:1"



"You want the LED 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. Dynamic Contrast 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.."

Rich & clear sound experience



"Feel the power of the music beat and the atmosphere of the movies. The powerful 16W RMS (2 x 8 RMS)+ 10 W Woofer helps to create a life like sound stage clarity.



Specifications

Picture/Display

- Diagonal screen size (inch): 46 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction, HD Natural Motion
- Dynamic screen contrast: 5000000:1
- Response time (typical): 3 ms

Supported Display Resolution

- Computer formats: 1024 x 768, 60, 70, 75Hz, 1280 x 1024, 60, 70, 75Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 56, 60Hz, Via HDMI/DVI input,
- Video formats: 1080i, 50, 60Hz, 1080p, 50Hz, 1080p, 60Hz, 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz

Convenience

- Ease of Installation: Autostore, Fine Tuning
- Ease of Use: Graphical User Interface, On Screen Display
- On-Screen Display languages: English

Sound

- Output power (RMS): 26W
- Sound System: Stereo
- Sound Enhancement: Auto Volume Leveler,

Incredible Surround, Subwoofer

Loudspeakers

- Built-in speakers: 2
- Loudspeaker types: Integrated subwoofer

Connectivity

- USB: USB
- HDMI 1: HDMI
- HDMI 2: HDMI
- Other connections: Antenna F-type, Component Video (YPbPr) input, Composite video (CVBS) input, PC-in VGA + Audio L/R in
- HDMI 3: HDMI

Power

- Power supply: 100-240VAC, 50/60Hz
- Power consumption: 130 W
- Standby power consumption: Less than .5 watt

Accessories

- Included accessories: 2 x AAA Batteries, Quick start guide, Remote Control, User Manual

Dimensions

- Product weight: 17.56 kg



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