



Philips
LCD TV with Ambilight
Spectra 3 and Perfect Pixel
HD Engine

117 cm (46")
Full HD 1080p
digital TV

46PFL9704H



Brings movies to life

With Ambilight and LED Pro

Be captivated by the immersive power of Ambilight. Featuring the stunning Perfect Pixel HD engine, a LED Pro and powerful sound, movies really come to life in your living room.

Immersive viewing experience

- Ambilight Spectra 3 for an immersive viewing experience

Perfect LCD Picture

- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Full HD LCD display, with a 1920x1080p resolution
- LED Pro for extreme contrast and brilliance
- Perfect Natural Motion for ultra smooth Full HD movies
- 200 Hz Clear LCD*, 1 ms performance: superb motion sharpness
- Wide Color Gamut LCD display for brilliant colors
- Dynamic contrast 5.000.000:1 for ultimate brilliant images

In-built internet TV

- Philips Net TV with Wi-Fi for online services on your TV
- Enjoy a rich selection of web videos from YouTube and others

Ready for digital

- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*



PHILIPS

LCD TV
117 cm (46") Full HD 1080p, digital TV

Highlights

Ambilight Spectra 3

Add a new dimension to your viewing experience with Ambilight Spectra 3. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra 3 movies truly come to life!

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

Philips Net TV with Wi-Fi

Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Simply connect your home theater directly to your home network through the ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your remote control.

LED Pro

Enjoy breathtaking pictures and use up to 50% less energy with Philips award winning LED Pro! Over 1000 LED's are operated selectively in a grid as a backlight for the display. They generate brilliant light in bright image areas, and are dimmed completely in dark areas, saving energy. Combined with the powerful Perfect Pixel HD Engine, the result is a stunning picture with extreme contrast,

46PFL9704H/12

sharpness and vibrant color. With LED Pro black is black and white is bright.

200Hz Clear LCD* (1ms)

Enjoy extreme motion sharpness. The Philips 200Hz Clear LCD brings the response time of LCD TV to an incredible 1ms, so even with the fastest car chase scene you will be enthralled by the action, and not following the stretched car across the screen.

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV in the best possible picture and sound quality, without additional set-top box. Thanks to the built in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programs in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content directly on your TV.



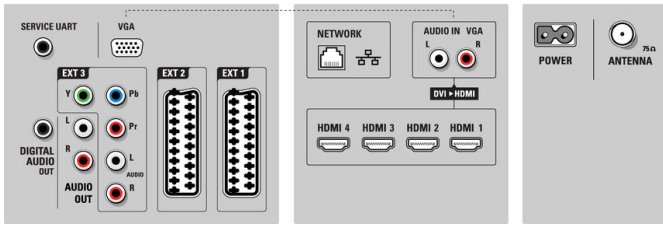
EISA European LCD-TV 2009/2010

With breathtakingly sharp pictures, Philips has again won the top TV honors from EISA with its 46PFL9704 LED Pro TV. In the official citation, the EISA judging panel concludes "Competition in the LCD display is tough, but Philips once again offers a masterpiece for moving pictures. The Philips 46PFL9704 is the most exciting entertainment centre for any home, its great picture performance complemented by Philips amazing ambilight feature".

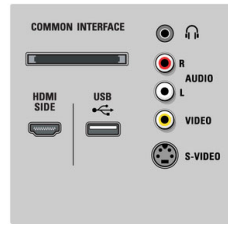


Specifications

Rear connectors



Side



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* 200Hz Clear LCD displays 200 scenes per second by combining advanced 100Hz technology with scanning backlight @ 50% dutycycle.
* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.
* Net TV, service offering is dependent on country and subject to terms of use.
* Optional Philips DVB-S module required (part no. PFS0001, only available in Germany, Austria and Switzerland)