

Philips
8000 series Smart Laser
Ultra HDTV

65" class/po

65PFL8900



Mesmerizing images and breathtaking sound

Smart 4K UltraHD performance.

Enjoy mesmerizing images and breathtaking sound. Red Laser plus Cyan LED backlight produces a dynamic viewing experience. Enhancing the experience are 60 Watt RMS stereo speakers with vertically vectored tweeters and dual bass radiators.

A world of online entertainment

- Enjoy your favorite Netflix content in HD and 4K!
- A lean-back big screen YouTube experience

Enjoy the beauty of 4K Ultra HD

- 240 Perfect Motion Rate gives you smooth images
- Industry certified Connected 4K Ultra HD performance
- Red Laser and Cyan LED backlight for rich vivid colors
- Pixel Precise UltraHD for vivid, natural, and real images

Complete digital TV connectivity made simple.

- HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports
- Wirelessly mirror the screen of smart device on your TV
- Wi-Fi 802.11ac with MIMO antennas for online 4K streaming

Authentic and clear sound experience.

- 58 Watts of front firing clear balanced 3D surround sound
- Immersive sound with clear voice designed by sonic emotion

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Highlights

Laser backlight

A unique Red Laser plus Cyan LED backlight powers a beautiful LCD panel to produce lifelike images with rich textures and vivid color saturation, certain to be the centerpiece of any home theater.

4K Ultra HD connected

4K ULTRA HD CONNECTED

With industry standard 4K Ultra HD Connected certification you can rest assured that your TV will work flawlessly with other 4K source devices for years to come. Featuring HDMI 2.0 with HDCP 2.2 on all HDMI ports and built-in HEVC and VP9 decoders, your TV is built to handle 4K Blu-ray, Cable, Satellite and streaming 4K media.

Pixel Precise UltraHD



The beauty of 4K Ultra HD TV is in savoring every detail. The picture-processing algorithms of our Pixel Precise Ultra HD engine convert any input picture into UHD resolution on your screen. The result? Whether you watch a video

online or native 4K Ultra-HD content, you'll experience exceptional sharpness, motion, clarity, color and contrast from Philips.

240 Perfect Motion Rate



240 Perfect Motion Rate (PMR) creates extreme motion smoothness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the TV and uses a Motion Estimation Motion Compensation (MEMC) algorithm to reduce juddering and produce a smooth strain free viewing experience.

Sonic Emotion Premium



Immersive sound with clear voice designed by sonic emotion. Absolute3D sound fills your surroundings with the right ambience, clarifies

65PFL8900/F7

voice, and details the sound stage, making your experience more immersive and enjoyable.

Miracast



Watch and surf anything and everything wirelessly from your Miracast powered 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 Miracast Wireless Screencasting your source device's screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

4K ULTRA HD
CONNECTED

Pixel Precise
ULTRA HD

240Hz
PERFECT MOTION RATE

58W
RMS SOUND

sonic
emotion
PREMIUM
ABSOLUTE 3D SOUND

Miracast
WIRELESS SCREENCASTING

NETFLIX

YouTube

Specifications

Picture/Display

- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 9.5 ms
- Diagonal screen size (inch): 65 inch
- Diagonal screen size (metric): 165 cm
- Panel resolution: 3840x2160p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Black stretch, Digital Noise Reduction, Progressive scan, MPEG artifact reduction, Pixel Precise UltraHD
- Visible screen diagonal (inch): 64.5 inch
- Display screen type: LED UltraHD Display
- Viewing angle: 178° (H) / 178° (V)

Supported Display Resolution

- Computer formats: 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, 1440 x 900, 60 Hz, 1920 x 1080, 60Hz, 1680 x 1050, 60Hz, 1400 x 1050, 60Hz, 3840 x 2160, 60Hz, 4096 x 2160, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz, 1080p, 24,30,60Hz, 2160p, 24, 30, 60Hz

Sound

- Equalizer: 5-bands
- Sound System: Sonic Emotion Premium, Dolby Digital (AC-3), Stereo, SAP

Loudspeakers

- Built-in speakers: 6

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Full

- Ease of Installation: Autostore
- Multimedia: auto slideshow, USB media browser

Multimedia Applications

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

Tuner/Reception/Transmission

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

Connectivity

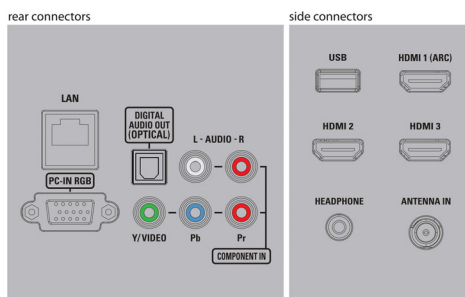
- Other connections: Ethernet, Headphone out, PC-In VGA, Wi-Fi(built-in)
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), Remote control pass-through, System audio control, System standby
- Audio Output - Digital: Optical (TOSLINK)
- AV 1: Shared audio L/R in, CVBS/YPbPr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

Power

- Mains power: 120V/60Hz
- Power consumption: 359 W
- Standby power consumption: < 0.5W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions

- Product weight (lb): 106.5 lb
- Box height (inch): 38.9 inch
- Box width (inch): 70.8 inch
- Box depth (inch): 11.0 inch
- Wall mount compatible: 400 x 200 mm
- Set Width (inch): 66.9 inch
- Set Height (inch): 33.9 inch
- Set Depth (inch): 5.8 inch
- Set width (with stand) (inch): 66.9 inch
- Set depth (with stand) (inch): 11.5 inch



Issue date 2024-08-16

Version: 3.3.2

UPC: 6 09585 24905 9

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