Razor Slim Design

with Smart 4K UltraHD performance.

Get the best of both worlds. Surreal aesthetics with a razor slim looks and Smart 4K Ultra HD performance with HEVC and VP9 decoders for Netflix and YouTube 4K streaming, HDMI 2.0 with HDCP 2.2 and a built-in 4K upscaling engine.

Enjoy the beauty of 4K Ultra HD
• 120 Perfect Motion Rate for increased pixel response times
• Industry certified Connected 4K Ultra HD performance
• An intelligent dimming backlight for dynamic contrast
• Pixel Plus UltraHD for vivid, natural, and real pictures

A world of online entertainment
• Enjoy your favorite Netflix content in HD and 4K!
• A lean-back big screen YouTube experience

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

PHILIPS

Highlights

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 Plus Ultra HD

Experience Ultra-HD sharpness from Philips. Now you can enjoy your favorite action films and sporting events in stunning 4K Ultra HD resolution. And whether you stream online or watch a DVD, Philips' Pixel Plus Ultra-HD Engine delivers sharper images with brighter whites and blacker blacks.

Macro dimming

Using a proprietary video processing algorithm which measures average luminance level of each video frame, Philips' Macro Dimming intelligent backlight dims the backlight to match every video frame to ensure you have a strain-free life-like viewing experience with bright whites, vivid colors and dark blacks.

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.

20 Watts RMS

20 Watts RMS of rich surround sound to complement 4K images

Sonic Emotion Premium

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.

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?fs screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

Wi-Fi 802.11ac with MIMO

Wi-Fi 802.11ac with MIMO antennas for online 4K streaming

HDMI 2.0 with HDCP 2.2 for 4K

HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports

Netflix

Enjoy your favorite Netflix content in HD and 4K!

YouTube [2015]

A lean-back big screen YouTube experience

Specifications

Picture/Display
- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 1200:1
- Response time (typical): 8 ms
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139.7 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 Plus UltraHD
- Visible screen diagonal (inch): 54.6 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
- Output power (RMS): 2 x 10W
- Sound System: Sonic Emotion Premium, Dolby Digital (AC-3), Stereo, SAP

Loudspeakers
- Built-in speakers: 2

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
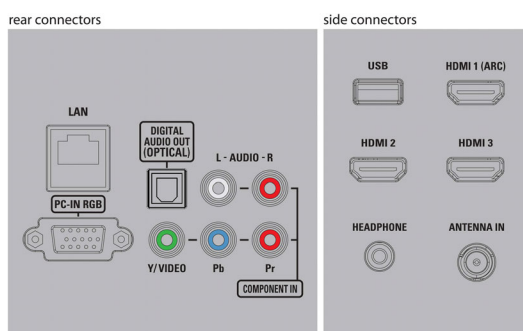- Tuner bands: UHF, VHF

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: 155 W
- Standby power consumption: < 0.5W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions
- Product weight (lb): 39.25 lb
- Box height (inch): 33.1 inch
- Box width (inch): 58.4 inch
- Box depth (inch): 8.0 inch
- Wall mount compatible: 400 x 200 mm
- Set Width (inch): 48.6 inch
- Set Height (inch): 28.9 inch
- Set Depth (inch): 2.3 inch
- Set width (with stand) (inch): 50.1 inch
- Set depth (with stand) (inch): 8.7 inch
- Set height (with stand) (inch): 30.6 inch
- Product weight (+stand) (lb): 40.57 lb
- Weight incl. Packaging (lb): 54.02

Accessories
- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, Batteries for remote control
- Power cord: 59.05 inch

Network Services
- NetTV Apps: Netflix, Pandora, Portico, Vudu, YouTube
- Network Features: Miracast, Home Network

rear connectors   side connectors

www.philips.com