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Smart 4K UltraHDTV

Your favorite online content in UltraHD

Enjoy true 4K streaming performance with built-in HEVC and VP9 decoders enabling 4K streaming on Netflix, YouTube and more services in the future. With a 4K upscaling engine, even your HD videos have never looked better.

Enjoy the beauty of 4K Ultra HD
- Industry certified Connected 4K Ultra HD performance
- Pixel Plus UltraHD for vivid, natural, and real pictures
- Enjoy HD content in 4K UHD with a 4K upscaling engine
- 120 Perfect Motion Rate for increased pixel response times

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

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

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

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

Razor Sharp Images from Any Source

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.

4K Upscaling

Even Better HD

Your Standard Definition and High Definition videos have never looked better. 4K upscaling processor delivers images that are crystal clear. Movies in standard definition and high definition can now be enjoyed in 4K Ultra HD, ensuring more details and more true-to-life pictures.

sonic emotion

Rich 3D Surround Sound

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

Direct Wireless Screencasting

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.

120 Perfect Motion Rate

Extreme Motion Sharpness

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.

Specifications

Picture/Display
- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 8 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 55 inch / 139.7 cm
- Visible screen diagonal (inch): 54.6 inch
- Display screen type: LED UltraHD Display
- Panel resolution: 3840x2160p
- Picture enhancement: Pixel Plus UltraHD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Black stretch, Digital Noise Reduction, Progressive scan, MPEG artifact reduction

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
1440 x 900	60 Hz
1920 x 1080	60Hz
1680 x 1050	60Hz
1400 x 1050	60Hz

- Video formats

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

Power
- Ambient temperature: 5°C to 40°C (41°F to 104°F)
- Mains power: 120V/60Hz
- Power consumption: 155 W
- Standby power consumption: < 0.5W

Dimensions
- Set dimensions in inch (W x H x D): 49.4 x 29.3 x 4.6 inch
- Product weight (lb): 33.29 lb
- Set dimensions with stand in inch (W x H x D):

49.4 x 31.3 x 10.5 inch
- Product weight (+stand) (lb): 37.26 lb
- Box dimensions in inch (W x H x D): 56.5 x 33.2 x 8.8 inch
- Weight incl. Packaging (lb): 51.15
- VESA wall mount compatible: 400 x 300 mm
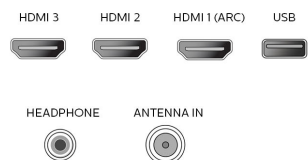
Accessories
- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, Batteries for remote control
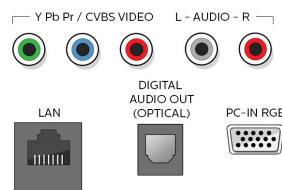
Network Services
- NetTV Apps: Netflix, Pandora, Portico, Vudu, YouTube
- Network Features: Miracast

Connections

Side

HDMI 3   HDMI 2   HDMI 1 (ARC)   USB

HEADPHONE   ANTENNA IN

Rear

Y Pb Pr / CVBS VIDEO   L – AUDIO – R

LAN   DIGITAL AUDIO OUT (OPTICAL)   PC–IN RGB

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