Smart TV

Performance and connectivity at a great value

Wireless connectivity and 120 PMR performance in this LED LCD TV. Entertainment with NetFlix, YouTube, Vudu, Pandora, Facebook, and more. Connect wirelessly to explore unlimited internet access on your TV with WirelessConnect

Enjoy the online world of connectivity
• Interact and play over a dozen games online with Tag Gaming
• One button access to wireless NetTV services on your TV
• Connect a PC or MAC to a TV wirelessly with WirelessConnect

Complete digital connectivity made simple
• Direct remote access to Netflix and Vudu movie services
• Smart Cloud for automatic updates to content
• Customizable remote for direct access to apps
• Built-in Wireless gives you everything you need

Enlarge your viewing experience
• Enjoy rich sound and clear dialog with DTS TruSurround
• Brilliant LED images with low power consumption
• 1080p High Definition Resolution for ultra-sharp images
• 120 Hz PMR for the ultimate in motion sharpness

PHILIPS

Highlights

LED with low power consumption

Low Power, High Brightness & Contrast
LED Ultra

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.

Online games with Tag Gaming

Interact and play over a dozen games online with Tag Gaming

Wireless NetTV services

Experience a rich selection of online services with Net TV wirelessly. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Wirelessly navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen.

Direct remote Netflix and Vudu

To speed up the process, and make it more user-friendly, there are Netflix and VUDU shortcut buttons on remote control that allow you to do the basic commands necessary both for watching your video and for controlling the general interface.

Smart Cloud

Smart Cloud for automatic and effortless access and updates to content on your TV. Get the latest updates on weather and news, as well as current updates on Facebook. Always ensure that your TV is operating on the latest performance firmware. Interact and play games remotely with people around the world with the Tag Gaming package.

Full HD 1080p display

Blu-ray Discs have the capacity to carry high definition data, along with pictures in the 1920 x 1080 resolution that defines full high definition images. This can only mean you get the best possible TV picture quality available today - so prepare to feast your eyes.

User programmable remote

Assign hot keys on the remote for fast and easy access to your favorite apps from the NetTV menu

WirelessConnect

Watch and surf anything and everything on the web wirelessly from your MAC or PC to your TV with WirelessConnect. 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 WirelessConnect your laptop screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

120 Hz PMR

Extreme Motion Sharpness
120 Perfect Motion Rate

120 Hz 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.

DTS TruSurround

Complete Surround Sound Experience
dts TruSurround

DTS TruSurround creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog. Extremely broad sweet spot for maximum realism and enjoyment, sculpted bass to optimize low frequency performance of small drivers and enclosures, dialog enhancement to ensure clear and intelligible vocals and definition control for maximum high-frequency realism and clarity.

Specifications

Picture/Display
- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 8 ms
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139.7 cm
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Black stretch, Digital Noise Reduction, Progressive scan, MPEG artifact reduction
- Brightness: 300 cd/m²
- Visible screen diagonal (inch): 54.6 inch
- Display screen type: LED Full HD 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
- Video formats: 480i, 60Hz, 480p, 60Hz, 720p, 60Hz, 1080i, 60Hz, 1080p, 24,30,60Hz

Sound
- Equalizer: 5-bands
- Sound System: Dolby Digital (AC-3), Stereo, SAP, DTS TruSurround™

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), Normal, 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

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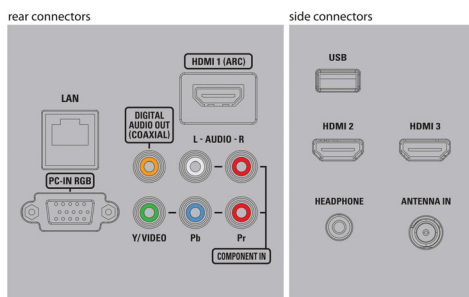- Video Playback: NTSC
- Tuner bands: UHF, VHF

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

Dimensions
- Product weight (lb): 33.07 lb
- Box height (inch): 33.5 inch
- Box width (inch): 56.8 inch
- Box depth (inch): 9.1 inch
- Wall mount compatible: 300 x 300 mm
- Set Width (inch): 49.4 inch
- Set Height (inch): 29.3 inch
- Set Depth (inch): 4.6 inch
- Set width (with stand) (inch): 49.4 inch
- Set depth (with stand) (inch): 10.5 inch
- Set height (with stand) (inch): 31.3 inch
- Product weight (+stand) (lb): 37.04 lb
- Weight incl. Packaging (lb): 51.15

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

Network Services
- NetTV Apps: CloudTV, Netflix, Pandora, Portico, Vudu, YouTube
- Network Features: DLNA Multimedia Browser, WirelessConnect

rear connectors   side connectors

www.philips.com