



Philips Cinema 21:9
LCD TV with Ambilight
Spectra 3 and Perfect Pixel
HD Engine

142 cm (56")

Full HD 1080p
digital TV

CINEMA 21:9



56PFL9954H

Create the original cinema experience at home

with the 21:9 movie format and Ambilight

Be blown away as you watch high-definition Blu-ray movies or HDTV or play games on the spectacular 56" ultra-wide television screen. For a true cinematic widescreen TV viewing experience that perfectly matches the original 21:9 (2.39:1) film format.

True cinema experience

- Cinema 21:9 movie aspect ratio, no black bars at the bottom and top
- Ambilight Spectra 3 for an immersive viewing experience

Perfect LCD Picture

- Full HD LCD display, with a 2560 x 1080p resolution
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Perfect Natural Motion for ultra-smooth Full HD movies
- 200 Hz Clear LCD*, 1 ms performance: superb motion sharpness

Built-in 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
- DLNA PC network link for watching videos from your computer



PHILIPS

Highlights

Full HD LCD display 2560 x 1080p

Enjoy the exceptional picture quality of Full HD sources like HDTV broadcast or Blu-ray on your Cinema 21:9. The unique movie format screen comes with 2560 x 1080p resolution, matching the 21:9 aspect ratio of the screen.

21:9 movie aspect ratio



Most TVs have an aspect ratio of 16:9 (or 1.78:1) and a resolution of 1080p Full HD. However, Hollywood blockbusters are usually filmed in 2.39:1 aspect ratio. Philips new Cinema 21:9 TVs perfectly match the original movie format used by directors with a 21:9 (2.39:1) aspect ratio. So no matter which movie, you can now watch it in its original aspect ratio and without the black bars.

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 automatically

adjusts the colour and brightness of the light surrounding the TV to match 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 match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact 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 theatre 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.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness. Enjoy motion performance that surpasses cinema quality!

200 Hz Clear LCD* (1 ms)

Enjoy extreme motion sharpness. The Philips 200 Hz 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 a stretched car across the screen.



Specifications

Picture/Display

- Aspect ratio: 2.39:1, 21:9
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 56 inch / 142 cm
- Display screen type: LCD Full HD UW-UXGA Act.matrix
- Panel resolution: 2560 x 1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colours, 3/2 - 2/2 motion pull down, 3D Combfiter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, 200 Hz Clear LCD*, Scanning backlight
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB
- Colour cabinet: Black glass decofront with black back cover

Ambilight

- Ambilight Features: Ambilight Spectra 3, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED-wide colour

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1360 x 768	60 Hz
1920 x 1080	60 Hz

Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30 Hz

Sound

- Output power (RMS): 2 x 12 W RMS (4 ohm @ 7% THD)
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

Loudspeakers

- Built-in speakers: 4
- Loudspeaker types: 2 integrated subwoofers, 2 x Dome tweeter

Convenience

- Child Protection: Child Lock+Parental Control
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control, Connectivity assistant, Automatic setup wizard, Demo mode, On-screen User manual, Touch control buttons, Favourite programme selection, Iconic home screen, Mozaïc channel grid
- Picture in Picture: Text dual screen
- Remote Control: DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theatre System)
- Remote control type: RC4495
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot), Cinema 21:9, Cinema 21:9 subtitle-shift
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in, DLNA media Browser, Net TV services
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

Multimedia Applications

- Multimedia connections: Ethernet-UTP5, USB, Wi-Fi 802.11g (built in)
- Playback Formats: MP3, WMA v2 up to v9.2, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Video Playback: NTSC, SECAM, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB

- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphones Out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI 4: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby

Power

- Ambient temperature: 5°C to 35°C
- Mains power: AC 220-240 V +/- 10%
- Power consumption (typical): 240 W
- Standby power consumption: < 0.15 W

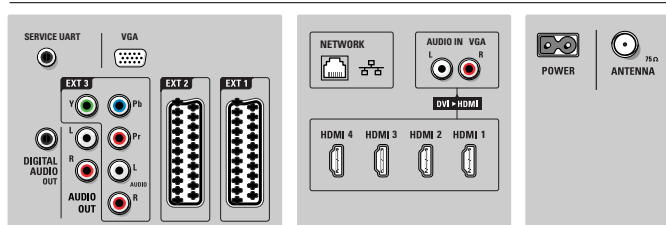
Dimensions

- Set dimensions (W x H x D): 1418 x 691 x 105 mm
- Set dimensions with stand (H x D): 745 x 324 mm
- Stand width: 550 mm
- Weight incl. Packaging: 50 kg
- Product weight: 31.9 kg
- Product weight (+stand): 37.4 kg
- Box dimensions (W x H x D): 1550 x 994 x 362 mm
- VESA wall mount compatible: 400 x 400 mm

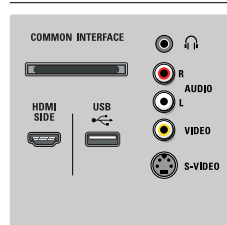
Accessories

- Included accessories: Smart levelling wall bracket, RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control
- Optional accessories: Matching stand ST569954

Rear connectors



Side



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* 200 Hz Clear LCD displays 200 scenes per second by combining advanced 100 Hz technology with scanning backlight @ 50% duty cycle.

* 8 days EPG, service not available in all countries

* Net TV, service offering is dependent on country and subject to terms of use.