4000 series LED-LCD TV

• 55" class/po

55PFL4901/F7

Smart TV

Performance and connectivity at a great value

featuring wireless connectivity with Netflix, Vudu, Pandora along with Samba TV Hotlist and Xumo media portals.

Benefits

Enlarge your viewing experience
• 1080p High Definition Resolution for ultra-sharp images
• 120 Perfect Motion Rate for increased pixel response times

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

Enjoy the online world of connectivity
• Wireless LAN 802.11ac MIMO for seamless streaming

• Wirelessly mirror the screen of smart device on your TV
• Instant access to Netflix and Vudu via the remote
• Introducing Hotlist and Xumo portals for streaming channels

Complete digital connectivity made simple
• A lean-back big screen YouTube experience
• Enjoy Pandora, the most popular online radio service
• Play H.264, AAC, MP3, JPEG and more formats on USB

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Features

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.

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.

sonic emotion

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.

Wireless LAN 802.11ac MIMO

Experience a rich selection of online service wireless with your Philips Internet services. Enjoy movies, pictures,entertainment and other online content directly on your TV without any cable cluther. Simply connect your Television, Blu-ray player or Home Theater directly to your home network through the wireless ethernet connection, and navigate and select what you want to watch with the remote control.

Wireless Screencasting

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

USB Multimedia

The USB connector allows access to H.264, AAC, MP3, JPEG and more formats files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Aspect ratio	Widescreen(16:9)
Contrast ratio (typical)	1200:1
Response time (typical)	8 ms
Viewing angle	178° (H) / 178° (V)
Diagonal screen size (inch)	55 inch
Diagonal screen size (metric)	139.7 cm
Visible screen diagonal (inch)	54.6 inch
Display screen type	LED Full HD Display
Panel resolution	1920x1080p
Picture enhancement	Pixel Plus HD
	120 PMR
	Light sensor
	Color Enhancement
	Gamma
	Black stretch
	Digital Noise Reduction
	MPEG artifact reduction
	Dynamic contrast

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
	1400 x 1050, 60Hz
	1440 x 900, 60 Hz
	1680 x 1050, 60Hz
	1920 x 1080, 60Hz
Video formats	480i, 60Hz
	480p, 60Hz
	720p, 60Hz
	1080i, 60Hz
	1080p, 24,30,60Hz

Sound

Equalizer	5-bands
Output power (RMS)	2 x 10W
Sound System	Stereo
	SAP
	Dolby Digital Plus
	Sonic Emotion Premium

Loudspeakers

Built-in speakers	2

Convenience

Child Protection	Child Lock+Parental Control
Clock	Sleep Timer
Ease of Installation	Autostore
Ease of Use	AutoPicture
	AutoSound
	Settings assistant Wizard
	Auto Volume Leveling
Remote Control	TV

Screen Format Adjustments	4:3	System audio control
	Movie expand 14:9	System standby
	Movie expand 16:9	
	Super Zoom	
	Widescreen	
	unscaled (1080p dot by dot)	
	Full	
	Automatic	
Multimedia	auto slideshow	
	USB media browser	

Power

Ambient temperature	5°C to 40°C (41°F to 104°F)
Mains power	120V/60Hz
Power consumption	150 W
Standby power consumption	< 0.5W

Multimedia Applications

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

Dimensions

Set Height (inch)	29.2 inch
Set Width (inch)	49.4 inch
Set Depth (inch)	4.5 inch
Product weight (lb)	31.97 lb lb
Set height (with stand) (inch)	30.9 inch
Set width (with stand) (inch)	49.4 inch
Set depth (with stand) (inch)	10.7 inch
Product weight (+stand) (lb)	36.82 lb
Box height (inch)	33.2 inch
Box width (inch)	56.5 inch
Box depth (inch)	8.8 inch
Weight incl. Packaging (lb)	50.71 lb
VESA wall mount compatible	300 x 300 mm

Tuner/Reception/Transmission

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

Accessories

Included accessories	Table top stand
	Quick start guide
	User Manual
	Remote Control
	Batteries for remote control
	Screws

Connectivity

AV 1	CVBS/YPbPr
	Shared audio L/R in
HDMI 1	HDMI
	Shared audio L/R in
HDMI 2	HDMI
	Shared audio L/R in
HDMI 3	HDMI
	Shared audio L/R in
Audio Output - Digital	Optical (TOSLINK)
USB	USB
Other connections	Ethernet
	Headphone out
	PC-In VGA
	Wireless LAN 802.11ac MIMO
EasyLink (HDMI-CEC)	One touch play
	Power status
	System info (menu language)
	Remote control pass-through

Network Services

NetTV Apps	Netflix
	Vudu
	YouTube
	Pandora
	Cinema Now
	Hotlist
	Samba
	Xumo
Network Features	Home Network
	Wireless Screencasting

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