



5000 series Smart Ultra HDTV with Net TV and High Dynamic Range

- 55" class/pt
- 4K Ultra HD 2160p
- HDR
- Wireless LAN 802.11ac MIMO

55PFL5703/F7

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.

Benefits

Enjoy the beauty of 4K Ultra HD

- The beauty of 4K UltraHD TV is in savoring every detail
- Expanding the possibilities of visual perception
- Pixel Plus UltraHD for vivid, natural, and real pictures
- An intelligent dimming backlight for dynamic contrast
- 120 Perfect Motion Rate for increased pixel response times
- Enjoy HD content in 4K UHD with a 4K upscaling engine

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
- Dolby Audio for the ultimate movie experience

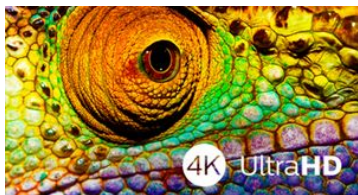
Complete digital TV connectivity made simple.

- Stunning Brightness
- NetTV with Wireless access to online services on your TV
- Wireless LAN 802.11ac with MIMO for seamless streaming of 4K
- Wirelessly mirror the screen of smart device on your TV

PHILIPS

Features

4K UltraHD



4 times the resolution of Full HD brings your viewing experience to the whole new level. Enjoy every detail and the breathtaking beauty of the pictures.

High Dynamic Range



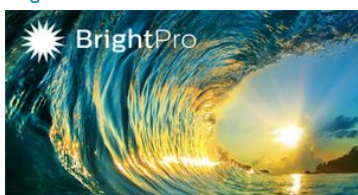
High Dynamic Range (HDR10) is a technology lets you experience more detail and captivating colors for an even more engaging television experience. More perceivable shades of blacks, whites and all other colors. This boils down to greater perceived brightness and contrast with darker shadows creating a breathtaking image.

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.

Bright Pro



BrightPro backlight boosts brighter areas of the image by up to twice as much as a regular LED backlight. Bright Pro enables to display exceptional brightness and contrast even in brightly lit rooms. Video scenes which feature bright light sources such as sunlight, fireworks, police lights, flashlights, etc. look more realistic and lifelike.

Macro dimming



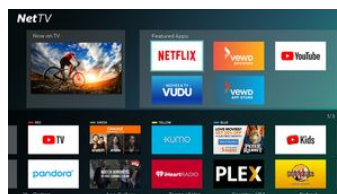
Using a proprietary video processing algorithm which measures average luminance level of each video frame, Philips' Macro Dimming intelligent backlight dims the backlight to match every video frame to ensure you have a strain-free life-like viewing experience with bright whites, vivid colors and dark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

Net TV



Philips NetTV is built for streaming. With a simple push of a button, gain instant access to popular streaming applications such as Netflix, Vudu, YouTube, all within a clutter-free, easy to use interface. Visit the App Store to download additional content from our extensive entertainment library, with entertainment options to suit everyone. Surf the web on your big screen TV, all without the need of connecting a computer. Enjoy smooth streaming of up-to 4K content with the powerful, built-in Wireless 802.11ac MIMO Dual-Band chipset.

Wireless LAN 802.11ac w/ MIMO



Wireless LAN 802.11ac with MIMO antennas for seamless streaming of online 4K content.

Wireless Screencasting



Watch and surf anything and everything wirelessly from your Android 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 media, as

well as your favorite TV shows and sporting events. With Wireless Screencasting your Android device or PC is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

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.

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	1000:1
(typical)	
Response time	16 ms
(typical)	
Viewing angle	178° (H) / 178° (V)
Diagonal screen size	55 inch
(inch)	
Diagonal screen size	139.7 cm
(metric)	
Visible screen diagonal	54.6 inch
(inch)	
Display screen type	LED UltraHD Display
Panel resolution	3840x2160p
Picture enhancement	Pixel Plus UltraHD
	Black stretch
	Digital Noise Reduction
	MPEG artifact reduction
	120 PMR
	Color Enhancement
	Dynamic contrast
	Gamma
	Macro Dimming

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
	Stereo
	SAP

Dolby Audio

Loudspeakers

Built-in speakers	2
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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	4:3
Adjustments	Movie expand 14:9
	Movie expand 16:9
	Super Zoom
	Widescreen
	unscaled (1080p dot by dot)
	Full
	Automatic
Multimedia	auto slideshow
	USB media browser

Multimedia Applications

Multimedia connections	USB Storage Device
Playback Formats	MP3
	JPEG Still pictures
	MPEG1
	MPEG2
	H.264/MPEG-4 AVC
	H.265/HEVC
	AAC
	WAVE
	AC3
	MPEG4

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)	Set depth (with stand) (inch)	8.9 inch
Other connections	Ethernet	Product weight (+stand) (lb)	24.5 lb
	Headphone out	Box height (inch)	32.0 inch
USB	Wireless LAN 802.11ac MIMO	Box width (inch)	55.7 inch
HDMI 1	USB	Box depth (inch)	6.4 inch
	Shared audio L/R in HDMI	Weight incl. Packaging (lb)	33.7 lb
HDMI 2	Shared audio L/R in HDMI (Audio Return Channel)	VESA wall mount compatible	300 x 300 mm
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	135 W		
Standby power consumption	< 0.5W		
Dimensions			
Set Height (inch)	28.2 inch		
Set Width (inch)	48.7 inch		
Set Depth (inch)	3.7 inch		
Product weight (lb)	24.0 lb		
Set height (with stand) (inch)	30.1 inch		
Set width (with stand) (inch)	48.7 inch		
Accessories			
	Included accessories		Table top stand Quick start guide User Manual Remote Control Batteries for remote control Screws
	Power cord		59.05 inch
Network Services			
	NetTV Apps		Netflix Vudu Vewd browser YouTube Pandora Vewd app store Youtube TV
	Network Features		Showtime Streaming Home Network Wireless Screencasting



data subject to change
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