6000 series Google Cast Ultra HDTV with Google Cast™ and High Dynamic Range

• 55" class/po

55PFL6921/F7

Google Cast™ TV

Cast your favorite entertainment from mobile to TV

Google Cast™ is a technology that lets you cast your favorite entertainment from your mobile to your TV. Easily control your TV with apps you already know and love from your iPhone®, iPad®, Android™ phone or tablet, Mac® or Windows® PC.

Benefits

Enjoy the beauty of 4K Ultra HD

• Expanding the possibilities of visual perception
• Stunning Brightness
• Exceptional Contrast
• Pixel Plus UltraHD for vivid, natural, and real pictures
• 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
• Dolby Audio for the ultimate movie experience

Complete digital TV connectivity made simple.

• Cast your favorite entertainment from a mobile device to TV
• HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports
• Play HEVC, H.264, AAC, MP3, JPEG and more formats on USB
• Wireless LAN 802.11ac with MIMO for seamless streaming of 4K

PHILIPS

Features

Google Cast™

Google Cast™ is a technology that lets you cast your favorite entertainment from your phone, tablet or laptop right to your TV. Easily control your TV with apps you already know and love from your iPhone®, iPad®, Android™ phone or tablet, Mac® or Windows® laptop, or Chromebook

High Dynamic Range

High Dynamic Range 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.

Bright Pro

BrightPro backlith 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.

Micro Dimming

Micro Dimming televisions have an LED array backlight with multiple zones whch can be controlled independently to set varying luminosity levels based on the input images' luminosity levels in those respective zones.

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.

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.

USB multimedia playback

The USB connector allows access to HEVC, 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)
Brightness	540 cd/m²
Contrast ratio (typical)	1200:1
Response time (typical)	9 ms
Viewing angle	178° (H) / 178° (V)
Diagonal screen size (inch)	55 inch
Diagonal screen size (metric)	139.7 cm
Visible screen diag-onal (inch)	54.6 inch

Display screen type	LED UltraHD Display
Panel resolution	3840x2160p
Picture enhancement	Black stretch Digital Noise Reduction MPEG artifact reduction Pixel Plus UltraHD 120 PMR Color Enhancement Dynamic contrast enhancement Light sensor Micro 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

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	4:3
Adjustments	Auto Format Movie expand 14:9 Movie expand 16:9 Super Zoom Widescreen unscaled (1080p dot by dot) 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 Wireless LAN(Built in)
USB	USB
HDMI 1	Shared audio L/R in HDMI (Audio Return Channel)
HDMI 2	HDMI Shared audio L/R in
HDMI 3	HDMI Shared audio L/R in
HDMI 4	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 Height (inch)	28.8 inch
Set Width (inch)	48.8 inch
Set Depth (inch)	2.5 inch
Product weight (lb)	33.52 lb
Set height (with stand) (inch)	30.4 inch
Set width (with stand) (inch)	48.8 inch
Set depth (with stand) (inch)	9.7 inch
Product weight (+stand) (lb)	31.97 lb
Box height (inch)	32.8 inch
Box width (inch)	58.3 inch
Box depth (inch)	5.8 inch
Weight incl. Packaging (lb)	44.10
VESA wall mount compatible	400 x 200 mm

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

Network Features	Google Cast

* This product was produced prior to FCC Enhanced Accessibility rule going into effect, older production may not have Enhanced Accessibility features. Please look for the "Enhanced Accessibility" logo on the packaging of the product before purchasing if you need Enhanced Accessibility features.

data subject to change
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