5000 series Chromecast built-in UHDTV with Chromecast built-in™ and High Dynamic Range

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

55PFL5922/F7

Chromecast built-in™ TV

Cast your favorite entertainment from mobile

Chromecast built-in™ is a technology that lets you cast your favorite entertainment from your mobile to 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
- Pixel Plus UltraHD for vivid, natural, and real pictures
- 120 Perfect Motion Rate for increased pixel response times
- An intelligent dimming backlight for dynamic contrast

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

Chromecast built-in™

Chromecast built-in™ 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.

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 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.

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.

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.

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)	1000:1
Response time (typical)	16 ms
Viewing angle	178° (H) / 178° (V)
Diagonal screen size (inch)	55 inch
Diagonal screen size (metric)	139.7 cm

data subject to change
2018, May 26

Visible screen diagonal (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
	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

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
	H.265/HEVC
	AAC
	AC3
	MPEG4
	WAVE

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
	Wireless LAN(Built in)
USB	USB
HDMI 1	Shared audio L/R in
	HDMI
HDMI 2	Shared audio L/R in
	HDMI (Audio Return Channel)
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 50/60Hz
Power consumption	135 W
Standby power consumption	< 0.5W

Dimensions

Set Height (inch)	28.7 inch
Set Width (inch)	48.7 inch
Set Depth (inch)	3.5 inch
Product weight (lb)	24.0 lb
Set height (with stand) (inch)	30.1 inch
Set width (with stand) (inch)	48.7 inch
Set depth (with stand) (inch)	9.0 inch
Product weight (+stand) (lb)	24.7 lb
Box height (inch)	32.0 inch
Box width (inch)	55.7 inch
Box depth (inch)	6.4 inch
Weight incl. Packaging (lb)	34.0 lb
VESA wall mount compatible	300 x 300 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	Chromecast built-in