



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

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

50PFL5922/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.

## 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)	5000:1
Response time (typical)	9.5 ms

### 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.

Visible screen diagonal (inch)	49.5 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

AC3  
MPEG4  
WAVE

#### Tuner/Reception/Transmission

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

#### 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

#### Connectivity

AV 1	Shared audio L/R in CVBS/YpBPr Optical (TOSLINK)
Audio Output - Digital	Ethernet Headphone out Wireless LAN(Built in)
Other connections	USB USB
USB	Shared audio L/R in HDMI
HDMI 1	Shared audio L/R in HDMI (Audio Return Channel)
HDMI 2	HDMI
HDMI 3	Shared audio L/R in One touch play Power status System info (menu language) Remote control pass-through System audio control System standby
EasyLink (HDMI-CEC)	

#### Sound

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

#### Power

Ambient temperature	5°C to 40°C (41°F to 104°F)
Mains power	120V 50/60Hz
Power consumption	125 W
Standby power consumption	< 0.5W

#### Loudspeakers

Built-in speakers	2
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#### Dimensions

Set Height (inch)	26.1 inch
Set Width (inch)	44.2 inch
Set Depth (inch)	3.5 inch
Product weight (lb)	21.6 lb
Set height (with stand) (inch)	27.6 inch
Set width (with stand) (inch)	44.2 inch
Set depth (with stand) (inch)	9.0 inch
Product weight (+stand) (lb)	22.3 lb
Box height (inch)	29.4 inch
Box width (inch)	51.2 inch
Box depth (inch)	6.4 inch
Weight incl. Packaging (lb)	29.8 lb
VESA wall mount compatible	300 x 200 mm

#### 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

#### Accessories

Included accessories	Table top stand Quick start guide User Manual Remote Control Batteries for remote control Screws
Power cord	59.05 inch

#### 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

#### Network Services

Network Features	Chromecast built-in
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data subject to change  
2018, May 26

Version: 4.0.1  
UPC: 609585250796

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