



Philips
5000 series Chromecast
built-in UHDTV

50" class
4K UHD 2160p
HDR
Wireless LAN 802.11ac MIMO

50PFL5922



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.

Enjoy the beauty of 4K Ultra HD

- 120 Perfect Motion Rate for increased pixel response times
- An intelligent dimming backlight for dynamic contrast
- Pixel Plus UltraHD for vivid, natural, and real pictures
- Stunning Brightness
- Expanding the possibilities of visual perception

Complete digital TV connectivity made simple.

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

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

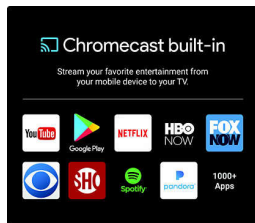
PHILIPS

5000 series Chromecast built-in UHDTV
50" class 4K UHD 2160p, HDR, Wireless LAN 802.11ac MIMO

50PFL5922/F7

Highlights

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.

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.

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.

20 Watts RMS

20 Watts RMS of rich surround sound to complement 4K images

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.

Dolby Audio

Dolby Audio for the ultimate movie experience

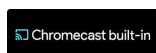
HDMI 2.0 with HDCP 2.2 for 4K

HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports

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

Picture/Display

- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 9.5 ms
- Diagonal screen size (inch): 50 inch
- Diagonal screen size (metric): 127 cm
- 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
- Visible screen diagonal (inch): 49.5 inch
- Display screen type: LED UltraHD Display
- Viewing angle: 178° (H) / 178° (V)

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 Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Full
- Ease of Installation: Autostore
- 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

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

Power

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

Dimensions

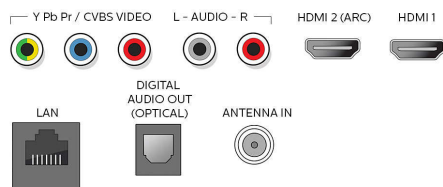
- Product weight (lb): 21.6 lb
- Box height (inch): 29.4 inch
- Box width (inch): 51.2 inch
- Box depth (inch): 6.4 inch
- Wall mount compatible: 300 x 200 mm
- Set Width (inch): 44.2 inch
- Set Height (inch): 26.1 inch
- Set Depth (inch): 3.5 inch
- Set width (with stand) (inch): 44.2 inch
- Set depth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

Connections

Side



Rear



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Version: 4.0.1

UPC: 6 09585 25079 6

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