



Philips  
5000 series Chromecast  
built-in UHD TV

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

**55PFL5922**



## 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

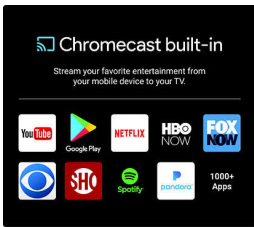
# PHILIPS

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

55PFL5922/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.

## 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

## Picture/Display

- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 1000:1
- Response time (typical): 16 ms
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139.7 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): 54.6 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
- 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: 135 W
- Standby power consumption: < 0.5W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

## Dimensions

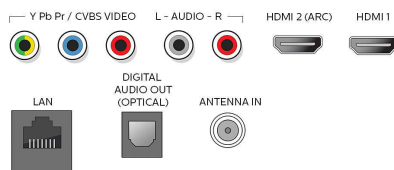
- Product weight (lb): 24.0 lb
- Box height (inch): 32.0 inch
- Box width (inch): 55.7 inch
- Box depth (inch): 6.4 inch
- Wall mount compatible: 300 x 300 mm
- Set Width (inch): 48.7 inch
- Set Height (inch): 28.7 inch
- Set Depth (inch): 3.5 inch
- Set width (with stand) (inch): 48.7 inch

## Connections

### Side



### Rear



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