

# Chromecast built-in™ TV

Cast your favorite entertainment from mobile

Chromecast built-in  $^{\text{TM}}$  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  $^{\text{\tiny B}}$ , iPad  $^{\text{\tiny B}}$ , Android  $^{\text{\tiny TM}}$  phone or tablet, Mac  $^{\text{\tiny B}}$  or Windows  $^{\text{\tiny B}}$  PC.

### 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.

- 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
- Cast your favorite entertainment from a mobile device to TV

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

**65" class** 4K Ultra HD 2160p HDR

Wireless LAN 802.11ac MIMO



# 65PFL5922







# Highlights

#### Chromecast built-in™



Chromecast built-in<sup>™</sup> 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<sup>®</sup>, iPad<sup>®</sup>, Android<sup>™</sup> phone or tablet, Mac<sup>®</sup> or Windows<sup>®</sup> 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
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 65 inch / 165.1 cm
- · Visible screen diagonal (inch): 65 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

Computer formats	
Resolution	Refresh rate
$640 \times 480$	60Hz
$720 \times 480$	60Hz
$800 \times 600$	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1440 × 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

Resolution Refresh rate 60Hz 480p 60Hz 720p 60Hz 1080i 60Hz 24,30,60Hz 1080p 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 Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot),
- 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, AC3, MPEG4, WAVE, AAC

#### 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
- · 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:  $5^{\circ}$ C to  $40^{\circ}$ C ( $41^{\circ}$ F to  $104^{\circ}$ F)
- Mains power: 120V 50/60Hz

- Power consumption: 230 W
- Standby power consumption: < 0.5W

#### **Dimensions**

- Set dimensions in inch (W  $\times$  H  $\times$  D): 57.4 x 33.6 x 3.9 inch
- Product weight (lb): 40.1 lb
- Set dimensions with stand in inch (W x H x D):  $57.4 \times 35.4 \times 10.2$  inch
- Product weight (+stand) (lb): 41.4 lb
- Box dimensions in inch (W x H x D): 65.1 x 37.6 x 7.2 inch
- · Weight incl. Packaging (lb): 56.2 lb
- 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: Chromecast built-in



























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