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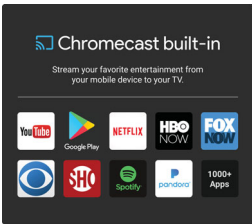- Cast your favorite entertainment from a mobile device to TV

PHILIPS

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

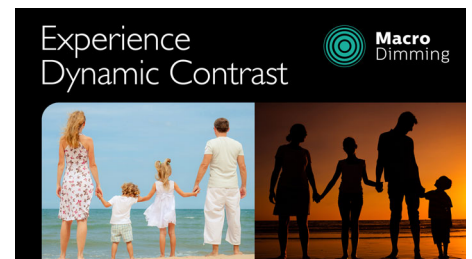Immersive sound with clear voice designed by sonic emotion. Absolute3D sound fills your surroundings with the right ambience, clarifies voice, and details the sound stage, making your experience more immersive and enjoyable.
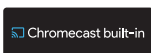
USB multimedia playback

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: 55 inch / 139.7 cm
- 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

Resolution	Refresh rate
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

Resolution	Refresh rate
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 Adjustments: 4:3, 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 dimensions in inch (W x H x D):
  48.7 x 28.7 x 3.5 inch
- Product weight (lb): 24.0 lb
- Set dimensions with stand in inch (W x H x D): 48.7 x 30.1 x 9.0 inch
- Product weight (+stand) (lb): 24.7 lb
- Box dimensions in inch (W x H x D): 55.7 x 32.0 x 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
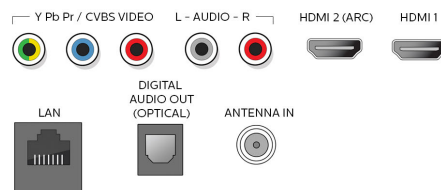- Power cord: 59.05 inch

Network Services
- Network Features: Chromecast built-in

Connections

Side
USB 5V ⎓ 0.5A   HDMI 3   HEADPHONE

Rear
Y Pb Pr / CVBS VIDEO   L – AUDIO – R   HDMI 2 (ARC)   HDMI 1

LAN

DIGITAL AUDIO OUT (OPTICAL)

ANTENNA IN

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