



Philips 8100 series
4K Ultra Slim TV powered
by Android TV with
Ambilight 3-sided and P5
Perfect Picture Engine

164 cm (65")

4K Ultra HD LED TV
Quad Core, 16GB & expandable
DVB T/C/T2/T2-HD/S/S2



65PUS8102

4K Ultra Slim LED TV powered by Android TV with Ambilight 3-sided

Boasting a European design and our clearest LED screen ever, the Philips 8100 TV combines beauty and form. Experience lifelike realism in 4K Ultra HD and enjoy perfectly matched lighting thanks to its intelligent Ambilight

Visible Lightness

- Ambilight changes the way you look at TV forever
- Finishing touches: a TV that looks as great as it performs

Award winning performance

- Picture Perfection with Philips P5 Perfect Picture Engine
- For a truly certified premium UHD entertainment experience
- The ultimate in contrast, color & sharpness with HDR Perfect
- Unleashing a full spectrum of colors beyond your imagination

Exhilarating. Limitless. Powered by Android

- Google Play store and Philips app gallery: look beyond TV
- Built for a better Netflix experience

Thin TV - Big sound

- Powerful Sound Processing for uncompromised sound clarity
- Hear every detail with DTS HD Premium Sound

PHILIPS

Highlights

Ambilight 3-sided

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Authentic materials

Your home represents your style. Our designers chose subtle, sophisticated colors and quality finishes like brushed chrome to create a TV design that blends seamlessly with your interior.

P5 Perfect Picture Engine

The new Philips P5 proprietary picture quality engine digitally optimizes everything you view by state-of-the-art algorithm. Thanks to a dramatically increased processing power of the P5 engine, an overall 50% picture quality performance gain is achieved. Now you'll enjoy the deepest blacks and the brightest whites, the most vivid, brilliant colors and natural, lifelike skin tones. And our most fluid, razor sharp pictures with incredible detail and depth,

in sport, movie, or any other genres - every time and from any source.

Ultra HD Premium

With our fully certified Philips Ultra HD Premium TV, you can now enjoy brand new HDR content on your TV as well as marvel at your Philips TV clear and detailed resolution and profoundly deep contrasting images. All these, coupled with a full dazzling array of illumination and brilliant kaleidoscope of colors will surely takes your breath away.

High Dynamic Range Perfect

High Dynamic Range Perfect is the superior choice in redefining in-home entertainment through advances in contrast and color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the directors' intent. The end result? Now you can enjoy your TV with brighter highlights, ultimate contrast and colors. With unrivalled levels of pure vivid detail, this is HDR Perfect; It's TV like you've never seen before.

Premium color

Philips Premium Color combines a wide color gamut panel enhanced by 85% with 4 Trillion colors processing. With so much more color resolution and brilliant saturated colors, you will forget you are looking at a screen at all.

TV Content

The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite content and to install more apps.

Sound processing

A gust of wind, a leaf hitting the ground, the sound of tires zooming down a windy road. It is the little details that bring the picture to life. Philips Sound Processing brings these details together with uncompromised sound clarity. Hear everything as the director intended with studio-grade sound mixing that supports original audio content, and enhances sound when needed. Deep bass, clear dialogue, and amazing accuracy is just the start.

DTS HD Premium Sound

Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS HD Premium Sound is designed to deliver the experience consumers have come to expect from high end sound processing: immersive surround with deep, rich bass and crystal clear dialog that is delivered at maximum volume levels and without any fluctuations, clipping, or distortion.



Specifications

Ambilight

- Ambilight Version: 3 sided
- Ambilight Features: Built in Ambilight+hue, Game Mode, Wall colour adaptive, Lounge mode, Ambilight Music

Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 65 inch / 164 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 700 cd/m²
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Perfect Natural Motion, 3200 PPI, Micro Dimming Premium
- Peak Luminance ratio: 65 %

Android

- OS: Android™ 6.0 (Marshmallow)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google search, YouTube
- Memory size: 16GB, extendable via USB storage

Smart TV Features

- User Interaction: MultiRoom Client and Server, SimplyShare
- Interactive TV: HbbTV
- Program: Pause TV, USB Recording*
- SmartTV apps*: Online Video Stores, Open Internet Browser, Social TV, TV on Demand, Youtube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Smart Menu button, Onscreen Usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to Screen, Advance - Shift, Zoom, Stretch
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard

Processing

- Processing Power: Quad Core

Sound

- Output power (RMS): 30W
- Sound Features: Double ring technology
- Sound Enhancement: Clear Sound, Smart Sound, DTS-HD Premium Sound

Connectivity

- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of USBs: 2
- Wireless connections: Dual Band, Wi-Fi 11ac 2x2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Satellite Connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG

Supported Display Resolution

- Computer inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI3/4: up to FHD 1920x1080 @60Hz, up to 4K UHD 3840x2160 @30Hz

Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide

- Signal strength indication
- Teletext: 1000 page Hypertext

Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: < 0.3W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Eu Energy Label power: 180 W
- Annual energy consumption: 263 kWh
- Mercury content: 0 mg
- Presence of lead: Yes*
- Energy Label Class: B

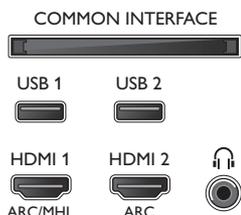
Dimensions

- Box dimensions (W x H x D): 1603 x 998 x 185 mm
- Set dimensions (W x H x D): 1449 x 835 x 67 mm
- Set dimensions with stand (W x H x D): 1449 x 904 x 261 mm
- TV stand width distance: 1105 mm
- Product weight: 26.3 kg
- Product weight (+stand): 27.52 kg
- Weight incl. Packaging: 37 kg
- VESA wall mount compatible: 400 x 400 mm



Connections

Side



Bottom



Issue date 2017-10-24

Version: 5.2.1

12 NC: 8670 001 45317
EAN: 87 18863 01236 9

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- * EPG and actual visibility (up to 8 days) is country and operator dependent.
- * Android App offerings vary per country. For more details please visit your local Google Play Store.
- * Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- * Cloud Gaming offering depends on game providers.
- * The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.
- * (Philips) only compatible with specific Philips player device.
- * Google Cast functionality is subject to Google Cast Ready apps and devices. For more details please visit Google Cast product page.
- * Philips TV Remote app and related functionalities vary per TV model, operator, and country, as well as smart device model and OS. For more details please visit: www.philips.com/TVRemoteapp.
- * Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.
- * USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- * MultiRoom Client and Server supports only 'Free to Air' digital programs.
- * This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.
- * HDMI connection is required for soundbar, speaker and other audio device.