4K Ultra-Slim TV powered by Android TV™ with Ambilight 2-sided and Pixel Plus Ultra HD

• 108 cm (43")
• 4K Ultra-HD LED TV
• Quad Core, 16 GB & expandable
• DVB T/C/T2/T2-HD/S/S2

43PUS6412/12

# 4K Ultra Slim LED TV powered by Android TV

## with Ambilight 2-sided

Design meets performance. The Philips 6400 TV brings your entertainment to life with its spectacular 4K Ultra-HD resolution and stylish metal stand. And with Android TV, your entertainment options are virtually endless.

### Benefits

#### Crafted Lightness
• Ambilight changes the way you look at TV forever
• Metallic silver open-frame stand with a floating look

#### Passionate about Picture Quality
• 4K Ultra HD is unlike any resolution you've ever seen before
• Discover Ultra-HD Picture Quality with Pixel Plus Ultra HD
• Experience better contrast, colour and sharpness with HDR Plus

#### Exhilarating. Limitless. Powered by Android
• Unleash the power of Quad Core and integrated 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

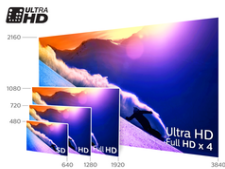**PHILIPS**

# Features

## Ambilight 2-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. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

## Metallic silver frame stand

Incredible design look and feel with our new metallic silver open-frame stand, which looks like it is floating above the surface. We've made this possible by using precision-cut, extra-strong premium steel with a futuristic look and feel.

## 4K Ultra HD



Ultra-HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion and flawless details.

## Pixel Plus Ultra HD

Experience 4K Ultra-HD sharpness with the Philips Pixel Plus Ultra-HD engine. It optimises picture quality to deliver smooth, fluid images with incredible detail and depth. Enjoy sharper 4K images with brighter whites and blacker blacks every time.

## High Dynamic Range Plus

High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the content creator's intent. The end result? Brighter highlights, greater contrast, a broader range of colours and detail like never before.

## Quad Core + Android



Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun.

## Netflix Recommended TV

Netflix is changing how you experience entertainment in many ways, including helping to advance innovations on the devices you use to watch TV shows and movies. When you see the Netflix Recommended TV logo on a smart TV, you'll know it's passed a rigorous evaluation process established based on the factors members value most.

## Sound processing

A gust of wind, a leaf hitting the ground, the sound of tyres zooming down a windy road. It's 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 are 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 Suite 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 dialogue that's delivered at maximum volume levels and without any fluctuations, clipping or distortion.

# Specifications

*Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.*
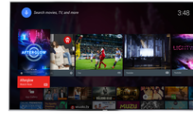
## Ambilight

| | |
|---|---|
| Ambilight Version | 2 sided |
| Ambilight Features | Built-in Ambilight+hue |
| | Ambilight Music |
| | Game Mode |
| | Wall colour adaptive |
| | Lounge mode |

## Picture/Display

| | |
|---|---|
| Display | 4K Ultra HD LED |
| Diagonal screen size (metric) | 108 cm |
| Diagonal screen size (inch) | 43 inch |
| Panel resolution | 3840 x 2160 |
| Aspect ratio | 16:9 |
| Brightness | 350 cd/m² |
| Picture enhancement | Micro Dimming Pro |
| | Ultra Resolution |
| | Natural Motion |
| | Pixel Plus Ultra HD |
| Peak Luminance ratio | 65 % |

data subject to change
2017, March 3

## Android

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

## Smart TV Features

| | |
|---|---|
| User Interaction | MultiRoom Client and Server |
| | SimplyShare |
| Interactive TV | HbbTV |
| Programme | 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 |
| | On-screen User manual |
| Firmware upgrade-able | 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 |

## Processing

| | |
|---|---|
| Processing Power | Quad Core |

## Sound

| | |
|---|---|
| Output power (RMS) | 20 W |
| Sound Enhancement | Clear Sound |
| | Smart Sound |
| | DTS-HD Premium Sound [DTS-HD Premium Sound] |

## Connectivity

| | |
|---|---|
| Number of HDMI connections | 4 |
| Number of components in (YPbPr) | 1 |
| Number of USBs | 2 |
| Wireless connections | Dual Band |
| | Wi-Fi 11n 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) [EU TV series] |
| 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 HDMI 1/2 | up to 4K UHD 3840 x 2160 @60 Hz |
| Computer inputs on HDMI 3/4 | up to 4K UHD 3840 x 2160 @30 Hz |
| | up to FHD 1920 x 1080 @60 Hz |
| Video inputs on HDMI 1/2 | up to 4K UHD 3840 x 2160 @60 Hz |
| Video inputs on HDMI 3/4 | up to FHD 1920 x 1080 @60 Hz |
| | up to 4K UHD 3840 x 2160 @30 Hz |

## Tuner/Reception/Transmission

| | |
|---|---|
| HEVC support | Yes |
| Digital TV | DVB-T/T2/T2-HD/C/S/S2 |
| MPEG Support | MPEG2 |
| | MPEG4 |
| Video Playback | NTSC |
| | PAL |
| | SECAM |
| TV Programme guide* | 8-day Electronic Programme Guide |
| Signal strength indica-tion | Yes |
| Teletext | 1000-page Hypertext |

## Power

| | |
|---|---|
| Off mode power consumption | 0.3 W |
| Mains power | AC 220 - 240 V 50/60 Hz |
| Ambient temperature | 5°C to 35°C |
| EU Energy Label power | 61 W |
| Annual energy consumption | 90 kW·h |
| Standby power consumption | <0.3 |
| Power Saving Features | Auto switch-off timer |
| | Light sensor |
| | Picture mute (for radio) |
| Energy Label Class | A |
| Presence of lead | Yes* |
| Mercury content | 0 mg |

## Dimensions

| | |
|---|---|
| Box depth | 150 mm |
| Box height | 700 mm |
| Box width | 1070 mm |
| Set Depth | 67.1 mm |
| Set Height | 575.17 mm |
| Set Width | 971.3 mm |
| Set depth (with stand) | 223.99 mm |
| Set height (with stand) | 629.42 mm |
| Set width (with stand) | 971.3 mm |
| TV stand width distance | 650 mm |
| VESA wall mount compatible | 200 x 200 mm |
| Product weight | 8.61 kg |
| Product weight (+stand) | 9.7 kg |

data subject to change
2017, March 3

| Weight incl. Packaging | 12.3 kg | | Power cord |
|---|---|---|---|
| | | | Quick start guide |
| | | | Legal and safety brochure |
| **Accessories** | | | Mini-jack to L/R cable |
| | | | Mini-jack to YPbPr cable |
| Included accessories | Remote Control | | |
| | 2 x AA Batteries | | |
| | Tabletop stand | | |

* 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.

* 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.

* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the 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 availability varies 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.

* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)

* 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.

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