Philips 7800 series
Ultra Slim 4K UHD LED
Android TV

139 cm (55") Ambilight TV
1700 Picture Performance Index
HDR Plus
P5 Perfect Picture Engine

55PUS7803

Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

An elegant design with authentic materials. Experience spectacular 4K resolution on the ultra-thin Philips 7800. Stream your favourite show in enhanced picture quality thanks to our P5 Picture Processing Engine.

Sound never looked so good
- Powerful Sound Processing for uncompromised sound clarity
- Hear every detail with DTS HD Premium Sound

With Android, your TV can do it all
- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

Beautiful attention to detail
- Ambilight. Take the emotion beyond the screen.

See every detail
- Philips P5 Engine. Whatever the source, always perfection.
- Experience better contrast, colour and sharpness with HDR Plus
- Micro Dimming Pro for incredible contrast
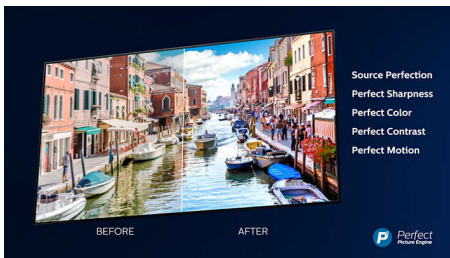- 4K Ultra HD is unlike any resolution you've ever seen before

PHILIPS

Ultra Slim 4K UHD LED Android TV
139 cm (55") Ambilight TV 1700 Picture Performance Index, HDR Plus, P5 Perfect Picture Engine

55PUS7803/12

Highlights

Ambilight 3-sided

With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

P5 Perfect Picture Engine

The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

4K Ultra HD

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

HDR Plus

High Dynamic Range Plus redefines in-home entertainment. Experience a sensory journey with its advanced processing power. Capture the richness and liveliness of the content just as the creator intended. Get ready to enjoy brighter highlights, greater contrast, a broader range of colours and detail like never before.
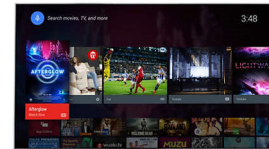
Micro Dimming Pro

Micro Dimming Pro optimises the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyse the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience-day or night.

TV Content

Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online.

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.

DTS HD Premium Sound

DTS HD Premium Suite delivers high-end audio processing for better sound from your speakers. Preserving the purity of the original content, you'll enjoy immersive sound, deep bass and crystal clear dialogue without any fluctuations, clipping or distortion.

Sound processing

A gust of wind, a leaf hitting the ground, the sound of tires zooming down a windy road. The little details are what 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.

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Specifications

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

Picture/Display
- Aspect ratio: 16:9
- Diagonal screen size (inch): 55 inch
- Diagonal screen size (metric): 139 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Picture enhancement: Ultra Resolution, Micro Dimming Pro, 1700 PPI

Supported Display Resolution
- Computer inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Computer inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @60 Hz
- Video inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @60 Hz

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Android TV
- OS: Android TV™ 8 (Oreo)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size (Flash): 16 GB*

Smart TV Features
- User Interaction: 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 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, with Voice

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

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speaker
- Sound Enhancement: Smart Sound, DTS-HD Premium Sound, DTS Studio Sound, DTS TruSurround

Connectivity
- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Dual Band, Wi-Fi 802.11ac 2 x 2 integrated
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Antenna IEC75, Satellite Connector, Ethernet-LAN RJ-45, Audio L/R in, Headphone out
- HDCP 2.2: Yes on all HDMI

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Energy Label Class: A+
- EU Energy Label power: 87 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Light sensor

- Off mode power consumption: N/A
- Annual energy consumption: 128 kW·h
- Presence of lead: Yes*
- Mercury content: 0 mg

Accessories
- Included accessories: Remote Control, Power cord, Mini-jack to L/R cable, Mini-jack to YPbPr cable, Quick start guide, Legal and safety brochure, Tabletop stand, 2 x AA Batteries

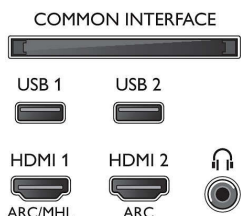## Colour & Finish
- TV Front: Metallic Silver

Dimensions
- Set Width: 1234.8 mm
- Set Height: 713.1 mm
- Set Depth: 48.3 mm
- Product weight: 20.1 kg
- Set width (with stand): 1234.8 mm
- Set height (with stand): 758.8 mm
- Set depth (with stand): 251.5 mm
- Product weight (+stand): 21.9 kg
- Box width: 1360 mm
- Box height: 860 mm
- Box depth: 160 mm
- Weight incl. Packaging: 28.4 kg
- Wall-mount compatible: 300 x 200 mm
- TV stand width distance: 517.6 mm

* 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.
* 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.
* Google Assistant built in will come as a software update for 2018 Android TVs.
* Cloud Gaming offering depends on game providers.
* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.
* (Philips) only compatible with specific Philips player device.

Connections

Side

COMMON INTERFACE

USB 1   USB 2

HDMI 1   HDMI 2   🎧
ARC/MHL   ARC

Bottom

DIGITAL AUDIO OUT   NETWORK   TV ANTENNA   SATELLITE   ⌐YPbPr   ⌐L/R⌐

HDMI 4   HDMI 3
ARC   ARC

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