Philips
Professional TV

55" Studio
4K Ultra HD
DVB-T2/C/S2

55HFL2899S

Keep it simple

Standalone Pro TV

From hotel room to boardroom, give them Philips vibrant Ultra HD picture quality with this budget-friendly standalone professional TV. Benefit from simple, lightning-fast installation and an on-screen welcome page that's easy to program.

Vibrant picture. Easy management.
- 16/7. Ultra HD. Rich images. Stunning contrast
- Secure menu and control locking
- 3 year warranty, extendable to 5 years
- Multilingual customer support

Simple setup. Flexible connections.
- S2 satellite tuner on board
- Instant initial USB cloning. Rapidly configure Pro TVs
- Offline channel editor. Easily manage channels on a PC
- Mixed channel map to combine analogue, DVB-T/C/S channels
- HDMI & VGA for PC connection.

Cost-effective standalone solution
- USB auto playback. Music, movies and more
- HDMI-CEC to control external devices
- Low power consumption

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Highlights

DVB-T/C/S channels

One integrated channel list for digital (T/C/S) and analogue channels. This allows the guest to flick seamlessly between Analogue and Digital (T/C/S) channels.

Instant initial USB cloning.

Provides the ability to easily copy all programming and channel programming settings from one TV into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

Control locking

By disabling or enabling the local control locking, the administrator can prevent unauthorised use of the TV via the control buttons, saving the hotelier overheads.

USB auto playback.

Share the fun. Connect your USB memory-stick, digital camera, mp3 player or other multimedia device to the USB port on your TV to enjoy photos, videos and music with the easy to use onscreen content browser.

Low power consumption

Philips TVs are designed to minimise power consumption. This will not only reduce environmental impact but also lower operating costs.

Specifications

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160p
- Brightness: 350 cd/m²
- Contrast ratio (typical): 6000
- Viewing angle: 178° (H)/178° (V)
- Response time (typical): 8 ms

Audio
- Sound output Power: 16 (2x8) W
- Speakers: 2.0, Down Firing
- Sound Features: Equalizer, Balance, AVL, Incredible surround, Dynamic Bass, Dolby MS10

Design
- Colour: Black

Tuner/Reception/Transmission
- Digital TV: DVB-T2/C/S2, HEVC UHD (up to 2160p60)
- Analogue TV: PAL, SECAM

Rear Connectivity
- Antenna: IEC-75, F-Type
- Digital Audio out: Optical
- HDMI 2: HDMI 2.0 with HDCP 2.2, ARC
- HDMI 3: HDMI 2.0 with HDCP 2.2
- VGA input: 15 pin D-sub
- AV input: CVBS+L/R (Cinch)

Side Connectivity
- Common Interface Slot: CI+ 1.3
- Headphone out: Mini-Jack
- USB1: USB 2.0
- HDMI1: HDMI 2.0 with HDCP 2.2

Connectivity Enhancements
- EasyLink (HDMI CEC): One touch play, System Standby, RC pass through

Features
- Digital services: Subtitles, Teletext, MHEG, Now&Next, 8d EPG
- Ease of use: Picture Style, Sound Style
- Local control: Joystick

Hospitality Features
- Hotel mode: Menu lock, Installation Menu Lock, Volume limitation (incl. HP), Joystick Control Lock
- Prison mode: high-security mode, TXT/MHEG/ USB/EPG/Subtitle Lock
- Your brand: Welcome Logo
- Cloning and Firmware update: via USB, Instant Initial Cloning
- Switch On control: Channel/Source, Picture Style, Volume (incl. HP)
- Timer: Sleep Timer, Wake Up Alarm
- Channels: Combined List, Off-Line Channel Editor
- Control: Block Automatic Channel Update
- Power control: Green/fast start-up
- Remote Control: Cable Strap Ready, RC Battery Door Lock
- Anti-Theft: Kensington Lock

Healthcare features
- Control: Multi-Remote Control
- Convenience: Headphone out

Multimedia
- Multimedia connections: USB
- Video playback supported: Containers: AVI, MKV, Formats: H.264/MPEG4 AVC, MPEG1, MPEG2, MPEG4, HEVC, TS
- Subtitle formats supported: SRT, SSA SUB, ASS, SMI, TXT
- Music formats supported: MP3, AAC, WAV, WMA (v2 up to v9.2)
- Picture formats supported: BMP, JPG, PNG
- Supp. Video Resolution on USB: up to 1920x1080p@30Hz

Supported Display Resolution
- HDMI: Up to 3840 x 2160p@60 Hz
- Tuner: T2 HEVC: up to 3840 x 2160@60 Hz, Others: up to 1920 x 1080p@60 Hz
- USB: HEVC: up to 3840 x 2160@60 Hz, Others: up to 1920 x 1080@60 Hz

Accessories
- Included: Remote Control 22AV1407A/12, 2 x AAA Batteries, Warranty Leaflet, Legal and Safety brochure, Tabletop Stand
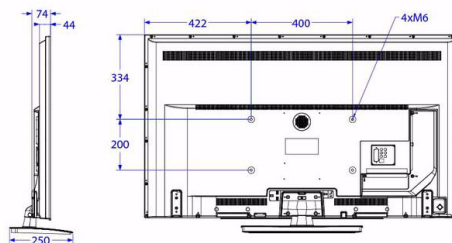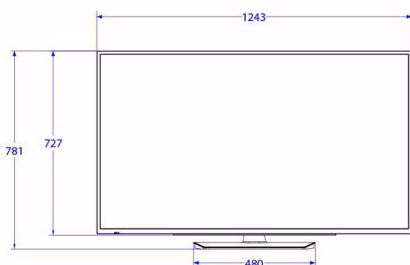- Optional: Easy RC 22AV1601B/12, Setup RC 22AV9574A/12

Power
- Mains power: AC 220-240 V; 50-60 Hz
- Energy Label Class: A++
- EU Energy Label power: 60 W
- Annual energy consumption: 87 kW·h
- Standby power consumption: <0.3 W
- Power Saving Features: Eco mode
- Ambient temperature: 5°C to 45°C

Dimensions
- Set dimensions (W x H x D): 1243 x 727 x 44/ 74 mm
- Set dimensions with stand (W x H x D): 1243 x 781 x 250 mm
- Product weight: 14.5 kg
- Product weight (+stand): 15.4 kg
- VESA wall mount compatible: 400 x 200 mm, M6

* Availability of features will depend on implementation chosen by integrator.
* Typical on-mode power consumption measured according to IEC62087 Ed 2. The actual energy consumption will depend on how the TV is used.
* 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.