

Philips  
Professional TV

**49" Signature**  
powered by Android™  
4K Ultra HD

**49HFL7011T**



## Chasing innovation

powered by Android™ and Ambilight

Amaze your guests with a smarter, sexier, faster Professional TV. Catch their eye with Ambilight, speed up the interaction with Android™ and enjoy state of the art connectivity and remote management features.

### **Exhilarating. Limitless. Powered by Android**

- Advanced apps with many dedicated services for hospitality
- AppControl to add, sort and delete apps with minimal effort

### **Take control with CMND**

- CMND and Control: effortless maintenance of your TVs
- CMND and Create: Show the information you want, when you want

### **Differentiating guest experience**

- Miracast and DirectShare to share movies and music on your TV
- 4K Ultra HD: a stunning, vibrant viewing experience awaits
- Ambilight: an immersive, eye-catching viewing experience
- Android: a faster, richer, more enjoyable TV experience

### **Advanced hotel features and future proof**

- Integrated IPTV system for optimal customised interactivity
- MyChoice compatibility for recurring revenues
- Wi-Fi and Bluetooth for wireless control and interaction

# PHILIPS

# Highlights

## 4K Ultra HD

A stunning, ultra-clear viewing experience awaits with 4K Ultra HD. Featuring an astounding level of clarity, vibrant colours and four times the resolution of Full HD, it's truly a window into a new world.

## Ambilight 3-Sided

This patented Philips technology makes your screen seem wider—and your viewing experience more immersive—by projecting a soft ambient glow from the sides of the TV screen onto the surrounding wall. The colour automatically adjusts to match the TV picture. Thanks to a wall-adaptive function, the colour of the light is perfectly aligned with the TV picture, regardless of the wall colour. Customise your Ambilight experience by adapting the Ambilight settings to your preference.

## Android

With Android on your Professional TV you'll enjoy a faster, richer and guest-friendly interface. It's your launch control to a wealth of dedicated hospitality services, applications and so much more. There's an easy-to-navigate menu with direct links to your favourite apps.

## AppControl

AppControl ensures your TVs get the apps you want. With the ability to add, delete and sort apps, plus the ability to configure apps to specific rooms, it's a truly personalised guest experience that you can control from a centralised location, without having to enter the room. For ease of use and security, load your custom app on our private cloud-based server and feel secure in the fact that only you can access it.

## Advanced Apps

Advanced apps consist of an ever-growing library of applications. With the power of Android, apps run faster and more smoothly, and are more advanced than ever. They are

tailored for hospitality, so guest information is securely deleted after use and access to illegal content that can harm your business is prevented.

## Integrated IPTV

Save costs and clutter. With our new Smart TVs you can build your hotel system directly on the TV. Interactive channels, video-on-demand, interactive hotel menus and information as well as online ordering systems are all possible without an external box attached to the TV. As well as delivering content over coax TV cables, you can now also use your Internet network to deliver your TV channels or VOD directly to the TV. Our partner network can make sure you get the customised portal you want.

## MyChoice compatible



MyChoice offers a simple and low-cost way to offer your guests premium TV channels. At the same time it delivers an additional revenue stream which allows you to recover your initial TV investment.

## Miracast and DirectShare



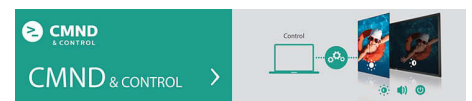
Our TVs give your guests the freedom to enjoy their content on the big TV wirelessly and

without hassle. With our open system approach we serve iOS as well as Android users and continuously extend our compatibility. Our secure sharing protects your guests. Pictures, movies, music — it can all be shared and enjoyed on our TVs via Miracast and DirectShare!

## Wi-Fi and Bluetooth

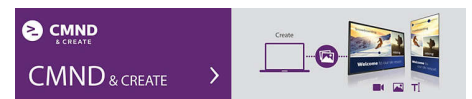
Wi-Fi and Bluetooth for wireless control and interaction

## CMND and Control



CMND and Control allows for remote configuration and installation of your TVs from a central location, without the need to visit any rooms. Update and manage all your displays, with minimal effort, all without having to disturb your guests.

## CMND and Create



CMND and Create allows you to provide the information you want, when you want. The content-management module of CMND, it allows for easy creation and distribution of interactive, branded hotel web pages. Tailor your TVs to give guests the most up-to-date information with the latest developments in your hotel, all in real time.

# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 49 inch
- Diagonal screen size (metric): 123 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160p
- Brightness: 400 cd/m<sup>2</sup>
- Picture enhancement: Pixel Precise Ultra HD, Perfect Natural Motion, 800 Hz Perfect Motion Rate, Micro Dimming Pro
- Viewing angle: 178° (H)/178° (V)
- Wide Colour Gamut display: 85% NTSC Colour Gamut

## Supported Display Resolution

- Tuner: Others: up to 1920 x 1080p@60 Hz, T2 HEVC: up to 3840 x 2160@60 Hz
- USB, LAN: HEVC: up to 3840 x 2160@60 Hz, Others: up to 1920 x 1080p@60 Hz
- HDMI 1/2: Up to 3840 x 2160p @60 Hz
- HDMI 3/4: Up to 3840 x 2160p @30 Hz

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/C, HEVC UHD (up to 2160p60)
- Video Playback: NTSC, PAL
- Analogue TV: PAL
- IP Playback: Multicast, Unicast

## Android TV

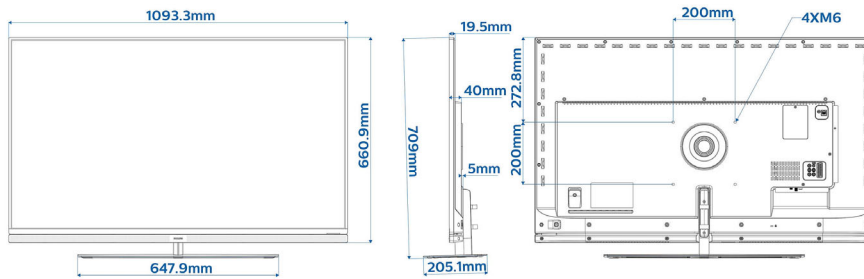
- OS: Android™ 5.1 (Lollipop)
- Memory size (Flash): 16 GB\*

## Features

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

## Hospitality Features

- Hotel mode: Joystick Control Lock, Menu lock, Installation Menu Lock, Volume limitation
- Prison mode: high-security mode, TXT/MHEG/



# Specifications

- USB/EPG/Subtitle Lock
- Timer: Sleep Timer, Wake Up Alarm
- Switch On control: Channel, Feature, Picture Format, Volume, Picture Style
- Anti-Theft: Battery Anti-theft Protection, Kensington Lock
- Power control: Auto Power ON, Green/fast start-up, WoLAN, WoWLAN
- Apps: AppControl, Cloud-based Apps, Android Apps, Philips TV Remote App
- Your brand: SmartInfo, Welcome Logo, Customisable Dashboard (HTML), IPTV System, Custom Apps, Location Name (Geonames ID)
- Clock: Clock in Standby Mode, Glow-in-the-Dark RC button, On-screen Clock
- SmartInfo: HTML5 Browser, Interactive Templates
- Cloning and Firmware update: Instant Initial Cloning, Via USB/RF/IP
- CMND&Control: Off-Line Channel Editor, Off-Line Settings Editor, Real-time TV Status (IP), Remote Management over IP/RF, CMND&Create, TV Group management
- Control: Block Automatic Channel Update, Serial Xpress Protocol, JSON API for TV Control-JAPIT
- Integrated services: 5-Day Weather Forecast
- Interactive DRM: VSecure, Playready Smoothstreaming, SecureMedia
- Revenue generation: MyChoice
- Languages: Guest language control
- Remote Control: Cable Strap Ready, Low-Battery Detection, RC Battery Door Lock
- Channels: Combined List, Themed lists

## Healthcare features

- Control: Multi-Remote Control, Healthcare RC compatible, Nurse call system compatible
- Convenience: Headphone out, Independent main speaker mute
- Safety: Double isolation class II, Flame retardant

## Multimedia

- Video playback supported: Formats: H.264/MPEG4 AVC, MPEG1, MPEG2, MPEG4, WMV9/VC1, HEVC, VP9, Containers: AVI, MKV
- Music formats supported: MP3, AAC, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitle formats supported: SRT, SMI, SSA SUB, TXT, ASS
- Picture formats supported: JPG

## Audio

- Sound output Power: 45 W
- Bathroom speaker out: 1.5 W Mono 8 ohm
- Speakers: 2.1, Front + Back Firing
- Sound Features: DTS Premium Sound, DTS Studio Sound, AVL, Incredible surround, Dynamic Bass, Dolby MS10

## Power

- Mains power: AC 220-240 V; 50-60 Hz
- Ambient temperature: 0 °C to 40 °C
- Standby power consumption: <math>0.4\text{ W}</math>
- Energy Label Class: A

- EU Energy Label power: 86 W
- Power Saving Features: Eco mode
- Annual energy consumption: 125 kWh

## Accessories

- Included: Tabletop swivel stand, 2 x AAA batteries, Warranty Leaflet, Legal and Safety brochure, Power Cord, Remote Control 22AV1505B/12
- Optional: Healthcare RC 22AV1109H/12, Setup RC 22AV9573A, Bluetooth RC 22AV1507A/12

## Wireless Connectivity

- Wireless LAN: 802.11 ac
- Bluetooth: 4.0, HID Gamepad Ready, Multi-channel, Wireless Audio (Headphone)
- Wi-Fi-Direct: DirectShare, Miracast

## Connectivity Bottom

- HDMI1: HDMI 2.0
- Antenna: IEC-75
- HDMI 2: HDMI 2.0
- Digital Audio out: Optical
- USB1: USB 2.0
- Ethernet (LAN): RJ-45

## Side Connectivity

- USB 2: USB 2.0
- Common Interface Slot: CI+ 1.3.2
- USB 3: USB 3.0
- HDMI 3: HDMI 1.4
- HDMI 4: HDMI 1.4 (MHL 2.0)
- Headphone out: Mini-Jack

## Rear Connectivity

- Scart: RGB, CVBS
- Bathroom speaker out: Mini-Jack
- Component: YPbPr + L/R cinch
- DVI audio in: Mini-Jack
- External power: 12 V/15 W, Mini-Jack
- External Control: RJ-48

## Connectivity Enhancements

- RJ48: IR-In/Out, Serial Xpress interface
- EasyLink (HDMI CEC): One touch play, System Standby, RC pass through, system audio control
- LAN: Wake up on LAN
- HDMI: ARC (all ports), DVI (all ports), MHL 2.0 (HDMI 4)

## Design

- Colour: Dark Grey
- Features: Aluminium bezel, Ambilight 3-Sided

## Dimensions

- Set Width: 1094 mm
- Set Height: 661 mm
- Set Depth: 20/40/45 mm
- Product weight: 14.5 kg
- Set width (with stand): 1094 mm
- Set height (with stand): 709 mm
- Set depth (with stand): 205 mm
- Product weight (+stand): 18,5 kg
- Wall-mount compatible: 200 x 200 mm, M6



Issue date 2024-04-01

Version: 6.3.1

EAN: 87 18863 00841 6

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\* Availability of features will depend on implementation chosen by integrator.  
\* Philips does not guarantee the availability or continuity of correct functioning of apps.  
\* Actual free memory may be less due to device pre-configuration  
\* 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.