

Released

Philips  
Professional LED TV

28" Studio  
LED  
DVB-T2/T/C

28HFL2829T



## Great value in a modern design

with power-saving LED technology

This energy-efficient Hospitality TV can be installed efficiently using USB cloning and comes with dedicated hospitality features such as menu and control locking.

### Great viewing experience and guest comfort

- LED TV for images with incredible contrast
- Low power consumption
- USB for multimedia playback

### Advanced hotel features and future proof

- Greet your guests with a customisable welcome page
- USB cloning of all settings for quick installation
- Off-line channel editor to edit a channel list on a PC
- One combined channel list for Analogue and Digital channels
- Installation menu locking
- Prevent unauthorised use by joystick control locking
- Advanced volume control to avoid guest disturbance
- Ideally suited for prisons

A+

PHILIPS

# Highlights

## LED TV

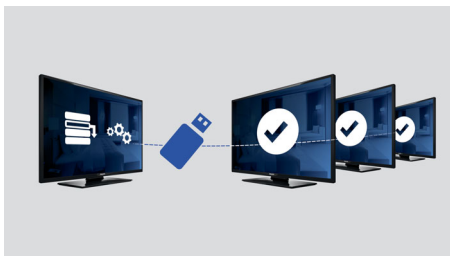
With LED backlighting, you can enjoy low power consumption and beautiful images with high brightness, incredible contrast and vibrant colours

## Welcome page



A welcome page is displayed each time the TV set is switched on. The welcome page can be branded and customised easily at the time of installation via a simple welcome image in .png format.

## 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.

## PrisonMode

To control communication, this Hospitality TV is equipped with a specific PrisonMode setting. This Advanced Security Mode switches off certain settings not needed by the detention market, like Teletext, Electronic Programme Guide, Subtitles and USB ports.

## USB (photos, music, video)



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.

## One combined channel list

One integrated channel list for digital and analogue channels. This allows the guest to

flick seamlessly between Analogue and Digital channels.

## Advanced volume control

With advanced volume control, you can select the start-up volume of the TV and predefine the volume range of the TV set, preventing excessive volume adjustments and avoiding the disturbance of neighbouring guests.

## Joystick control locking

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

## Installation menu locking

Prevents unauthorised access to installation and configuration settings, to ensure maximum convenience for guests and to avoid unnecessary reinstallation costs.

## 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: LED HD TV
- Diagonal screen size: 28 inch / 70 cm
- Aspect ratio: 16:9
- Panel resolution: 1366 x 768p
- Brightness: 300 cd/m<sup>2</sup>
- Viewing angle: 178° (H)/178° (V)
- Picture enhancement: Digital Crystal Clear, 100 Hz Perfect Motion Rate

## Audio

- Sound output Power: 12 (2x6) W
- Speakers: 2.0, Down Firing
- Sound Features: Equalizer, Balance, AVL, Incredible surround, Dynamic Bass

## Design

- Colour: Black

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/C
- Analogue TV: PAL, SECAM

## Rear Connectivity

- Antenna: IEC-75
- HDMI1: HDMI 1.4
- Digital Audio out: Coaxial (SPDIF)
- Scart: CVBS, RGB, SVHS
- VGA input: 15 pin D-sub

## Side Connectivity

- Common Interface Slot: CI+ 1.3
- AV input: CVBS +L/R (Mini-Jack)
- Headphone out: Mini-Jack
- USB1: USB 2.0

## Connectivity Enhancements

- EasyLink (HDMI CEC): One touch play, System Standby
- HDMI: ARC (all ports)

## Features

- Digital services: 8d EPG, MHEG, Teletext
- Ease of use: Smart Video mode, Smart Audio mode

## Hospitality Features

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

- USB/EPG/Subtitle Lock
- Your brand: Welcome Logo
- Cloning and Firmware update: via USB, Instant Initial Cloning
- Timer: Sleep Timer, Wake Up Alarm, Wake Up On Channel
- Channels: Combined List, Off-Line Channel Editor
- Control: Block Automatic Channel Update
- Anti-Theft: Battery Anti-theft Protection, 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
- Subtitle formats supported: SRT, SSA SUB
- Music formats supported: MP3, AAC
- Picture formats supported: BMP, JPG, PNG
- Supp. Video Resolution on USB: up to 1920x1080p@30Hz

## Accessories

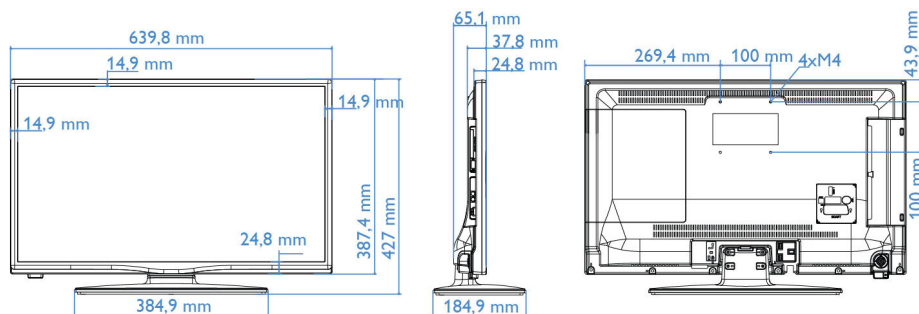
- Included: Remote Control 22AV1407A/12, 2x AAA Battery, Tabletop Stand, Warranty Leaflet, Legal and Safety brochure
- Optional: Setup RC 22AV8573/00

## Power

- Mains power: AC 220-240 V; 50-60 Hz
- Energy Label Class: A+
- EU Energy Label power: 25 W
- Annual energy consumption: 36 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): 640 x 387 x 38/65 mm
- Set dimensions with stand (W x H x D): 640 x 427 x 185 mm
- Product weight: 4.6 kg
- Product weight (+stand): 5.1 kg
- VESA wall mount compatible: 100 x 100 mm, M4



Issue date 2015-04-30

Version: 3.0.1

12 NC: 8670 001 24908  
EAN: 87 18863 00389 3

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\* 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.