Amaze your guests

with a smarter Professional TV

Send the right message to your guests with superb picture quality and the ability to show branded, interactive hotel pages.

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
- Additional headphone connection for personal listening
- Nurse-call compatibility optimised for the Healthcare sector
- On-screen clock display for optimal guest convenience
- Schedule what you want, when you want

Advanced hotel features and future proof
- Serial Xpress Protocol for interactive systems
- MyChoice compatibility for recurring revenues
- SmartInfo for branded, interactive hotel info pages
- Full Hotel, Healthcare and Prison Modes
- Greet your guests with a customisable welcome page
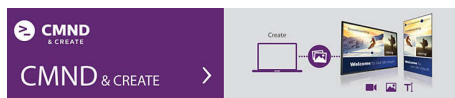- Installation menu locking

PHILIPS

Highlights

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.

Hotel, Hospital, Prison Mode

All required features for professional use in environments where more is required than in a living room. From volume and menu locking to more rigorous material testing, energy saving, anti-theft remote controls and dedicated Healthcare and Prison features to allow for niche market applications.

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.

Nurse-call compatibility

Nurse-call system compatibility makes Philips Healthcare TVs a highly integrated tool that provides not only entertainment options for the user/patient but also gives convenient access to help in medical emergencies.

On-screen clock display

With our new on-screen clock display, guests can easily access the current time. At the push of a button the clock is displayed on the TV screen combining enhanced visibility and lower power consumption.

Scheduler

Show what you want, when you want with the built-in scheduler. Programme up to 7 different schedules to show any type of content you want. Repeat every day, or set it for particular days such as the weekend — the choice is yours.

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.

SmartInfo

SmartInfo allows you to provide hotel or city information to your guests through SmartUI. Your guests have access to this interactive hotel webpage even when the TV is not connected to your intranet or Internet. You can change the information regularly and easily to keep your guests up-to-date with all the latest developments in your hotel.

Serial Xpress Protocol (SXP)

The TV can be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Protocol (SXP).

Installation menu locking

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

Headphone connection

This speaker system features an additional headphone connection. Connect your own headphones for a more personal listening experience whenever you want it.

Specifications

Picture/Display
- Aspect ratio: 16:9
- Diagonal screen size (inch): 32 inch
- Diagonal screen size (metric): 80 cm
- Display: LED HD TV
- Panel resolution: 1366 x 768p
- Brightness: 280 cd/m²
- Picture enhancement: Pixel Plus HD, 200 Hz Perfect Motion Rate
- Viewing angle: 178° (H)/178° (V)

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/C, HEVC FHD (up to 1080p60)
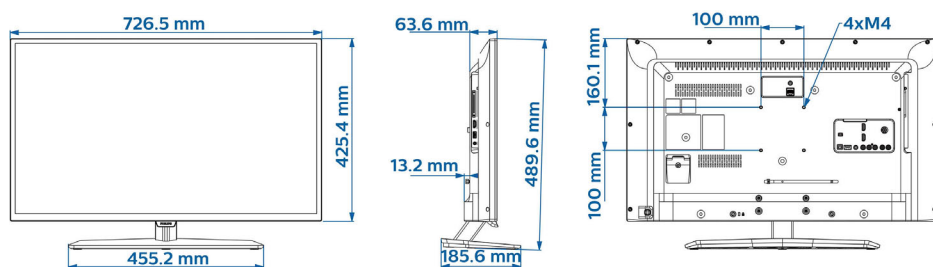- Video Playback: NTSC, PAL, SECAM
- Analogue TV: PAL

Features
- Ease of use: Picture Style, Sound Style, Picture Format, Independent volume control
- Digital services: 8d EPG, Now and Next, MHEG, Teletext
- Local control: Joystick

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
- Timer: Scheduler (7 x), Sleep Timer, Wake Up Alarm, Wake Up On Channel, Wake Up Sounds
- Switch On control: Channel, Feature, Picture Style, Picture Format, Sound Style, Volume, Menu language
- Anti-Theft: Battery Anti-theft Protection, Kensington Lock
- Power control: Green/fast start-up
- Your brand: SmartInfo, Welcome Logo
- Clock: Clock in Standby Mode, Glow-in-the-Dark RC button, On-screen Clock, Optional External Clock
- SmartInfo: HTML5 Browser, Interactive Templates, Picture Slide Show
- Cloning and Firmware update: Instant Initial Cloning, Via USB/RF
- CMND&Control: Off-Line Channel Editor, Off-Line Settings Editor, Remote Management over RF, CMND&Create
- Control: Block Automatic Channel Update, Serial

726.5 mm
425.4 mm
455.2 mm
63.6 mm
13.2 mm
489.6 mm
185.6 mm
100 mm
4xM4
160.1 mm
100 mm

Specifications

Xpress Protocol, JSON API for TV Control-JAPIT
- Interactive DRM: VSecure
- Revenue generation: MyChoice
- Remote Control: Cable Strap Ready, Low-Battery Detection, RC Battery Door Lock
- Channels: Combined List, Themed lists, Off-Line Channel Editor

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, Containers: AVI, MKV, MP4, MPG, TS, WMV, HEVC
- Music formats supported: MP3, AAC, WAV, WMA (v2 up to v9.2)
- Subtitle formats supported: SRT, ASS, SMI, SSA SUB, TXT
- Picture formats supported: BMP, JPG, PNG, GIF
- Supp. Video Resolution on USB: up to 1920x1080p@60Hz
- Multimedia connections: USB

Audio
- Sound output Power: 16 (2x8) W
- Bathroom speaker out: 1.5 W Mono 8 ohm
- Speakers: 2.0, Down Firing
- Sound Features: AVL, Incredible surround, Dolby MS10

Power
- Mains power: AC 220-240 V; 50-60 Hz
- Ambient temperature: 0 °C to 40 °C
- Standby power consumption: <0.3 W
- Energy Label Class: A+
- EU Energy Label power: 31 W
- Power Saving Features: Eco mode
- Annual energy consumption: 45 kW·h

Accessories
- Included: Tabletop Stand, Remote Control 22AV1604A/12, 2 x AAA batteries, Warranty Leaflet, Legal and Safety brochure, Power Cord
- Optional: External Clock 22AV1120C/00, Setup RC 22AV9573A/12

Side Connectivity
- USB 2: USB 3.0
- Common Interface Slot: CI+ 1.3
- HDMI 3: HDMI 2.0 with HDCP 2.2
- Headphone out: Mini-Jack

Rear Connectivity
- Bathroom speaker out: Mini-Jack
- Component: YPbPr + L/R cinch
- AV input: CVBS shared with YPbPr
- DVI audio in: Mini-Jack
- External Control: RJ-48
- Antenna: IEC-75
- HDMI1: HDMI 2.0 with HDCP 2.2, ARC
- Digital Audio out: Optical
- HDMI 2: HDMI 2.0 with HDCP 2.2
- USB1: USB 2.0

Connectivity Enhancements
- RJ48: IR-In/Out, Serial Xpress interface
- EasyLink (HDMI CEC): One touch play, System Standby, RC pass through, system audio control
- HDMI: DVI (all ports)

Design
- Colour: White

Dimensions
- Set Width: 727 mm
- Set Height: 425 mm
- Set Depth: 64/77 mm
- Product weight: 5 kg
- Set width (with stand): 727 mm
- Set height (with stand): 490 mm
- Set depth (with stand): 186 mm
- Product weight (+stand): 5.7 kg
- Wall-mount compatible: M4, 100 x 100 mm

* 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.