

Philips
professional widescreen
TV

28"

28HW6505



Widescreen Real Flat System TV

for in-room Interactive applications

The System SmartCard range provides management efficiency and perfect convenience for guests. The integrated extension slot allows expandability for interactive systems. It is Future proof and prepared for digital applications.

Interactive System Prepared, Future Proof

- SmartCard 3v3 Expansion Slot
- Smartplug RJ12 connector

Advanced Hotel Mode

- Volume Control Locking
- Integrated Clock Display with Wake Up and Message Alarm
- Fast cloning - Wireless Smart Loader™
- External Loudspeaker Connector
- Welcome message on screen display
- Front Controls Locking
- Switch On Channel Programming
- Security Menu Access
- ESP™ (Energy Savings Programmability)
- Multi Language Teletext reception

Vivid, natural and razor sharp images

PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 16:9, Widescreen
- **Diagonal screen size:** 28 inch / 70 cm
- **Visible diagonal screen size:** 66 cm
- **Display screen type:** Real Flat picture tube, BlackLine S picture tube
- **Picture enhancement:** Sharpness Adjustment, Comb Filter
- **Picture processing:** 50 Hz

Sound

- **Output power (RMS):** 2x5W
- **Sound System:** Nicam Stereo

Loudspeakers

- **Built-in speakers:** 2

Convenience

- **Ease of Installation:** Fine Tuning, PLL Digital Tuning
- **Ease of Use:** Smart Picture Control, Smart Sound Control
- **Remote control type:** RC86702 (not included)
- **Teletext:** 10 page Smart Text
- **Screen Format Adjustments:** 4:3, Continuous Zoom, Subtitle and Heading Shift, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9
- **Clock:** Sleep Timer, Smart Clock

Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** PAL B/G, PAL D/K, PAL I, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- **Video Playback:** NTSC
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Number of Preset Channels:** 127

Connectivity

- **Ext I Scart:** CVBS in/out, RGB
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in
- **Headphone:** 3.5 mm
- **Connectivity Enhancements:** RJ12 SmartPlug connector, SmartCard Expansion Slot, External Loudspeaker connector

Power

- **Power consumption:** 77 W
- **Standby power consumption:** 4W
- **Mains power:** AC 220 - 240 V +/- 10%
- **Off Mode:** 2.5 W

Dimensions

- **Product weight:** 38 kg
- **Weight incl. Packaging:** 44 kg
- **Color cabinet:** Frost Silver
- **Box dimensions (W x H x D):** 884 x 662 x 660 mm
- **Set dimensions (W x H x D):** 766 x 501 x 487 mm

Product highlights

SmartCard 3v3 Expansion Slot

Permits OEM or 3rd party decoders and controllers to be installed inside the television for custom designed component integration. Eliminates the need for external set-top decoders, controllers, or data terminals. Integrates system for superior control applications. Allows expandability for future upgrades. Prepared for digital applications.

Smartplug RJ12 connector

The Smartplug RJ12 connector permits OEM or 3rd party decoders and controllers to interface with the TV.

Volume Control Locking

This feature predefines the volume range in which the TV set can operate, preventing excessive volume adjustments avoiding disturbance of next door guests.

Integrated Clock Display

The built-in clock display, which is also an wake-up alarm, eliminates the need for an additional clock with cables and connections in the room. Automatic time synchronisation via teletext, selectable display brightness and wake-up alarm level to enhance guest comfort.

Wireless Smart Loader™

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

External Loudspeaker Connector

Amplified audio connector for easy installation of external speakers (like for bathrooms), eliminating the need for investments in external equipment

Welcome Message

Welcome greeting displayed on screen each time the TV set is switched on

Front Controls Locking

Prevents unauthorised access to TV functions

Switch On Channel Programming

It forces the TV set to a specified channel when turned on. Perfect for in-house advertising or information channels.

Security Menu Access

Provides conditional access to installation and configuration settings via a special code or master remote control

ESP™

Feature can be selected in the set-up menu. The TV can be switched off automatically after a specified period of use saving energy and provide extended product life time. The selectable range is from 0 to 99 hours.

Multi Language Teletext

Allows users to select their preferred language supported by the teletext characters

Scavem

Scan velocity modulation varies the speed of the electron beam for a more finely rendered picture with improved sharpness and contrast.

2D Combfilter

The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.



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Specifications are subject to change without notice.

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