



Philips  
digital widescreen TV with  
Crystal Clear

28"

real flat 100Hz digital scan

28PW8651



## Turn up your viewing experience with Crystal Clear

This Widescreen TV features excellent picture quality with an RF tube and 100Hz for a stable life-like picture that is more relaxing for the eye. Virtual Dolby Surround adds an extra dimension to the viewing experience.

### **Vivid, natural and razor sharp images**

- Real Flat picture tube technology brings you lifelike images
- Crystal Clear improves picture depth
- 100Hz Digital Scan produces a stable, more relaxing picture
- Scan Velocity Modulation Improves definition and contrast

### **Superb sound reproduction**

- Virtual Dolby Surround for a cinema-like audio experience

### **Designed for your convenience**

- Text Dualscreen to view teletext and TV simultaneously.
- Twin page teletext allows simultaneous viewing of two pages
- 100 pages of teletext for fast access to text information

**PHILIPS**  
sense and simplicity

# Highlights

## Real Flat picture tube

The flatter tube provides a wider viewing angle while minimizing reflections for the best picture possible.

## Crystal Clear

Combining picture enhancements like Contrast plus and color improvement, Crystal Clear improves picture depth.

## 100Hz Digital Scan

A conventional TV shows a picture by scanning 50 times per second (50Hz). This frequency can be detected by the human eye in the form of a flickering picture. 100Hz sets show a picture by scanning 100 times per second eliminating the field flickering. Philips' digital

scan doubles the rate of line flicker, making it undetectable. The result is a more stable picture that is relaxing for your eye.

## Scavem

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

## Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

## Video and teletext dual screen

Video and teletext dual screen provides you with the capability to show video and teletext pages from the same channel side by side on one screen.

## Twin page teletext

Twin page teletext allows you to simultaneously view two teletext pages side by side

## 100 page Smart Text

The teletext is a common system transmitted by most broadcasters. The 100 page smart text feature gives you fast access to information when changing pages.



# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size: 28 inch / 70 cm
- Visible diagonal screen size: 66 cm
- Display screen type: Real Flat picture tube
- Picture enhancement: Progressive Scan, Scavem, Dynamic Noise Reduction, Active Control, Sharpness Adjustment, Crystal Clear
- Screen enhancement: Anti-Reflection
- Picture processing: 100 Hz Digital Scan

## Sound

- Output power (RMS): 2 x 10W
- Music Power: 20 W
- Sound Enhancement: Digital Sound Processing
- Sound System: Nicam Stereo, Virtual Dolby Surround

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Ease of Installation: Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound, Graphical User Interface, Picture Freeze
- Remote control type: RCAA058L
- Remote Control: TV
- Teletext: 100 page Smart Text
- Teletext enhancements: 4 favourite pages, Program information Line
- Screen Format Adjustments: Continuous Zoom, Subtitle and Heading Shift, Superwide, Widescreen, Zoom 14:9, Zoom 16:9, 4:3 expand, Auto Format,

- 6 Widescreen Modes, 4:3, Subtitle Zoom, Widescreen Signalling Bit, 16:9 compress
- Clock: Sleep Timer, Smart Clock

## Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: SECAM L/L', SECAM D/K, SECAM B/G, PAL B/G, PAL I, PAL D/K
- Video Playback: NTSC
- Aerial Input: 75 ohm coaxial (IEC75)
- Number of Preset Channels: 100

## Connectivity

- Number of Scarts: 2
- Ext 1 Scart: CVBS in/out, RGB, Audio in/out
- Ext 2 Scart: CVBS in/out, S-video in, Audio in/out
- Other connections: Stereo constant level out
- Side: Audio L/R in, CVBS in, Headphones out, S-Video Y/C

## Power

- Power consumption: 100 W
- Standby power consumption: <1w
- Mains power: AC 220 - 240 V +/- 10%

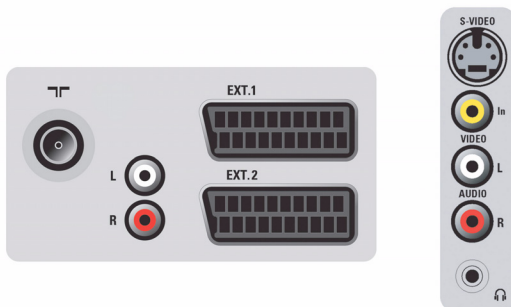
## Dimensions

- Set dimensions (W x H x D): 764 x 499 x 487 mm
- Product weight: 37 kg
- Weight incl. Packaging: 44 kg
- Box dimensions (W x H x D): 852 x 616 x 608 mm
- Color cabinet: Silver Frost (11027)

## Related Products

- Complementary Products: Optional matching TV stand type - ST288720

stereo system					transmission system						
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM	
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'	
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