

Philips
digital widescreen flat TV

42"
plasma
integrated digital

42PF5520D



Turn up your viewing experience

with Integrated Digital tuner

With this TV enjoy the benefits of digital TV, 8 day Electronic Programme Guide and digital quality content. Also watch superb pictures with Digital Crystal Clear and Active Control.

Vivid, natural and razor sharp images

- Enhanced-definition plasma WVGA display, 852 x 480p
- Integrated Digital Tuner for DVB-T reception
- Digital Crystal Clear provides vivid cinema-like images
- Built-in Pulse Killer Chip neutralises interferences
- Active Control with Light Sensor optimises picture quality

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Multi-purpose convenience

- Watch analogue TV while recording a digital programme

PHILIPS

digital widescreen flat TV
42" plasma, integrated digital

42PF5520D/10

Highlights

Plasma WVGA panel, 852 x 480p

This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimises picture quality to optimal contrast, colour and sharpness levels. It's like watching vivid cinema-like images.

Pulse Killer Chip

Electrical interferences are neutralised by a built in chip called PKC

Active Control + Light Sensor

Active Control is a unique and intelligent way of optimising picture quality by measuring and analysing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room lighting conditions.

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.

Compact and slim design

This design style emphasises a slim, compact look that saves space and fits in anywhere.

Watch analogue, record digital

Watch analogue TV while recording a digital programme

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programmes from Digital Set-top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.

Specifications

Picture/Display

- Aspect ratio: Widescreen, 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 852 x 480p
- Brightness: 1000 cd/m²
- Picture enhancement: Digital Crystal Clear, Progressive scan, 3D Combfilter, 3/2 - 2/2 motion pull down, Colour Temperature Adjustment, Digital Noise Reduction, Sharpness Adjustment, Pulse Killer Chip, Active Control + Light sensor
- Contrast ratio (typical): 3000:1
- Display screen type: WVGA Plasma panel
- Response time (typical): 3 ms
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Screen enhancement: Anti-Reflection coated screen, Anti-ageing circuit

Supported Display Resolution

- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh

Tuner/Reception/Transmission

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

Convenience

- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Easy toggle Dig/Analogue modes, Graphical User Interface, Programme List, Smart Listening, Smart Picture, Smart Sound, Watch analogue/record digital
- Clock: Sleep Timer
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Remote control type: RCFE05SLS05
- User Interface: 7-day Electronic programme Guide

- Teletext: 10-page Smart Text
- VESA Mount: 800 x 400 mm
- Picture in Picture: Picture in graphics, Twin page text
- Teletext enhancements: 4 favourite pages, Programme information Line

Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 15 W
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Sound Enhancement: Dynamic Bass Enhancement

Loudspeakers

- Built-in speakers: 2

Connectivity

- Audio Output - Digital: AC3 over S/PDIF (Optical)
- Number of Scarts: 2
- AV 3: DVI-I with HDCP, HDMI compatible, Audio L/R in, VGA PC-in
- Front/Side connections: Audio in, CVBS in, Headphones Out, S-video in
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Other connections: Antenna IEC75, DVI-I, Common Interface

Power

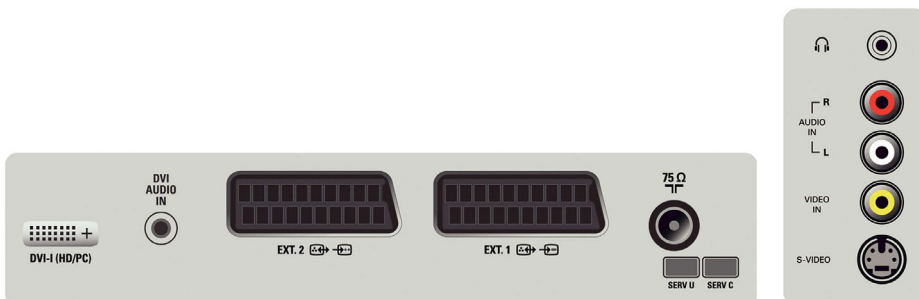
- Power supply: AC 90-240
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 450w W
- Standby power consumption: < 1 W

Accessories

- Included accessories: Power cord, Quick start guide, Registration card, Remote Control, User Manual, Tabletop stand

Dimensions

- Set Width: 1236 mm
- Set Height: 680 mm
- Set Depth: 104 mm
- Product weight: 39 kg
- Box width: 1320 mm
- Box height: 939 mm
- Box depth: 330 mm
- Weight incl. Packaging: 45 kg



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