

Philips Cineos  
Flat TV

107 cm (42")

LCD  
integrated digital

42PFL9732D



# Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine, Ambilight Surround, a Full HD 1080p display and 100 Hz Clear LCD technology. USB and memory card reader give you full multimedia access.

## True beauty lies in the details

- Matching design swivel stand

## Immersive viewing experience

- Full HD LCD display, with a 1920 x 1080p resolution
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100 Hz Clear LCD for superb motion sharpness (3ms)
- Ambilight Surround for an immersive viewing experience
- HD Natural Motion for ultra-smooth motion in Full HD movies

## For advanced performance

- 3 HDMI inputs for full digital HD connection in one cable

## Perfect picture quality from your digital photos

- USB and Memory Card slot for instantly playing multimedia

# PHILIPS

Flat TV  
107 cm (42") LCD, integrated digital

# Highlights

## Full HD LCD display 1920 x 1080p



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

## 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.

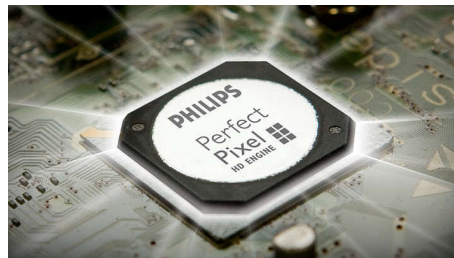
## HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High

Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

## Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact and noise detection and reduction in all content sources — from multimedia to standard TV.

## 100 Hz Clear LCD



100 Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100 Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCDs, resulting in a response time of 3 milliseconds (measured in Perceived

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Blur-Edge-Width; BEW). This unique Philips technology brings the motion sharpness of LCD displays to an unprecedented level.

## Ambilight Surround

With lights surrounding the picture, Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colours and light intensity of the image on screen. It creates ambience, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight 3 automatically and independently adapts the colours of each screen side according to the changing content on the screen. With the third Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

## HD Natural Motion



Philips invented HD Natural Motion to minimise juddering effects that are visible with movie-based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

## Pre-mounted swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV. The stand comes pre-mounted to the TV out of the box. It allows easy placement of your Flat TV without the hassle of building the stand to the TV first. Enjoy the best viewing angle by swivelling it to suit your personal preference.

# Specifications

## Ambilight

- Ambilight Features: Ambilight Surround, Auto adaptive to video content, Full operation in stand-by, Efficient low energy lamp
- Ambilight light system: LED-wide colour
- Dimming Function: Manual and via Light Sensor

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Colour cabinet: Brilliant Pearl
- Panel resolution: 1920 x 1080p
- Brightness: 550 cd/m<sup>2</sup>
- Picture enhancement: Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60 Hz processing, 1080p 24/25/30 Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive scan, Pulse Killer Chip, Widescreen Plus, 100 Hz Clear LCD, Double frame rate
- Contrast ratio (typical): 1200:1
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Dynamic screen contrast: 8000:1
- Response time (typical): 3 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit RGB)

## Supported Display Resolution

- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1360 x 768, 60 Hz, 1920 x 1080i, 60 Hz, 1920 x 1080p, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 24, 25, 30 Hz, 1080p, 24, 50, 60 Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: DVB COFDM 2K/8K
- Digital TV: DVB Terrestrial\*
- Video Playback: NTSC, SECAM, PAL

## Multimedia Applications

- Multimedia connections: USB, 7-in-1 Memory Card Reader
- Playback Formats: MP3, Slideshow files (.alb), JPEG

## Still pictures

- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card

## Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug and Play
- Ease of Use: 4 favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control
- Clock: Smart Clock
- Screen Format Adjustments: unscaled (1080p dot by dot), 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen
- Multimedia: Digital media reader (browser), USB autobreak-in
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide
- Remote Control: TV, DVD, HTS (Home Theatre System), STB (Set-Top Box)
- Remote control type: RC4422
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Picture in Picture: Text dual screen
- Teletext enhancements: Habit Watch, Programme information Line

## Sound

- Output power (RMS): 2 x 8 W
- Sound System: Virtual Dolby Digital, BBE
- Sound Enhancement: Digital Signal Processing, Graphic Equalizer, Dynamic Bass Enhancement

## Loudspeakers

- Built-in speakers: 4
- Loudspeaker types: Integrated woofers with wOOx, Dome tweeter

## Connectivity

- HDMI features: Cable equalization, Category 1 and 2 cables, Compressed audio, Multi-rate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- Front/Side connections: Audio L/R in, CVBS in, Headphones Out, S-video in, USB, Multi-slot memory card reader

- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr, Audio L/R in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3

## Power

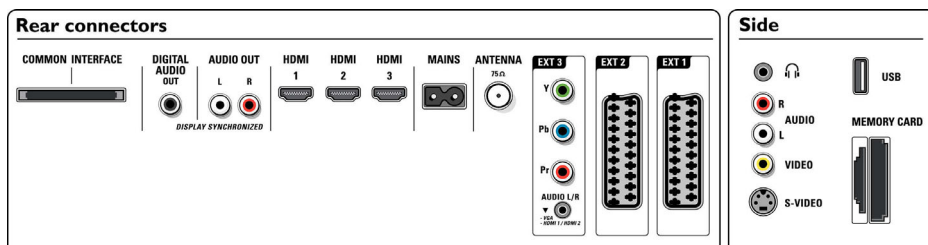
- Mains power: AC 220-240 V +/- 10%
- Ambient temperature: 5°C to 35°C
- Power consumption: 232 W
- Standby power consumption: 0.8 W

## Accessories

- Included accessories: Tabletop swivel stand, RF antenna cable

## Dimensions

- Set Width: 1060 mm
- Set Height: 675 mm
- Set Depth: 125 mm
- Product weight: 28.7 kg
- Set height (with stand): 740 mm
- Set depth (with stand): 256 mm
- Product weight (+stand): 32.4 kg
- Box width: 1160 mm
- Box height: 881 mm
- Box depth: 310 mm
- Weight incl. Packaging: 39.7 kg
- Wall-mount compatible: 600 x 400 mm



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\* DVB-T, supported in selected countries only