Philips 7000 LED series
LCD TV with Pixel Precise
HD

40"

Full HD 1080p digital TV



40PFL7664H

# Be part of the action.

## With ultra slim design and LED

Featuring the latest ultra thin LED backlight TV with Pixel Precise HD from Philips, enjoy the pleasure of the cinema at home. This full HD 1080p display, combined with a super slim design, ensures you're always part of the action.

### See precise details in action

- Pixel Precise HD with LED for extreme sharpness and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- 100 Hz LCD, 3 ms performance for superb motion sharpness
- HD Natural Motion for ultra-smooth motion in Full HD movies

### Stylish and elegant design

- Ultra slim and thin TV for perfect fit in your living room

### Built-in Internet TV

- Philips Net TV for popular online services on your TV
- DLNA PC network link for watching videos from your computer

### Enjoy technology while being green

- 40% more energy efficient than conventional Flat TVs

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**PHILIPS**

sense and simplicity

# Highlights

## Pixel Precise HD



Pixel Precise HD with LED builds on the award-winning Pixel Plus foundation. It brings picture quality to the next level with 4 trillion colours, and HD Natural Motion making all your movies fluently moving and razor sharp. You get the fastest 100 Hz LCD in the category with 3 ms response time. Together with LED technology it lets you enjoy breathtaking images of high brightness and extreme motion sharpness for all your movies and sports.

## 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.

## Ultra slim and thin TV



This 40" TV's state-of-the-art display technology makes it both ultra-slim and ultra-thin at the same time. With a frame of only 2.8 cm it fits into compact spaces, giving you more viewing experience in the same footprint. Ultra-thin profile of 3.9 cm creates a minimalist appearance that fits well in any interior. Wallmounted, or on the elegant stand. Advanced technology in a breathtaking design.

## Philips Net TV



Experience a rich selection of online services with Philips Net TV. Enjoy movies, pictures, infotainment and other Internet content directly on your TV whenever you like. Simply connect directly to your home network through the Ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA-certified PC network you can watch videos or access pictures stored on your computer using your remote control.

## 100 Hz LCD (3 ms)



100 Hz 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 LCD, resulting in a performance with a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width: BEW). This unique Philips technology takes motion sharpness of LCD displays to an unprecedented level.

### ECO Flower



Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby power (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and the fact that Philips has designed televisions that can be easily recycled.

# Specifications

## Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 500,000:1
- Response time (typical): 3 (BEW) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 40 inch / 102 cm
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel precise HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100 Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, 2D/3D noise reduction, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 4 trillion colours (14-bit RGB)
- Colour cabinet: High gloss black deco front with black cabinet

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60 Hz |
| 800 x 600 | 60 Hz |
| 1024 x 768 | 60 Hz |
| 1280 x 1024 | 60 Hz |
| 1360 x 768 | 60 Hz |
| 1600 x 1200 | 60 Hz |
| 1920 x 1080 | 60 Hz |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60 Hz |
| 480p | 60 Hz |
| 576i | 50 Hz |
| 576p | 50 Hz |
| 720p | 50, 60 Hz |
| 1080i | 50, 60 Hz |
| 1080p | 24, 25, 30, 50, 60 Hz |

## Sound
- Output power (RMS): 2 x 10 W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo

## Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: Full range speakers

## Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, Side Control, On-screen User manual, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote control type: RC PF03E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000-page Smart Text
- Teletext enhancements: 4 favourite pages
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: USB autobreak-in, DLNA media Browser, Internet browser, Net TV services, USB media browser
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

## Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB
- Playback Formats: MP3, WMA v2 up to v9.2, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

## Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

## Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: USB
- PC network link: DLNA 1.0 certified
- Other connections: A/V Audio L/R in (value), Analogue audio Left/Right out, S-Video in, Composite video (CVBS) input, HDMI, Headphone out, S/PDIF out (coaxial), Common Interface Plus (CI+)
- HDMI 1: HDMI v1.3a
- HDMI 2: HDMI v1.3a
- HDMI 3: HDMI v1.3a
- EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby

## Power
- Ambient temperature: 5°C to 35°C
- Mains power: 220 - 240 V, 50/60 Hz
- Power consumption (typical): 104 W
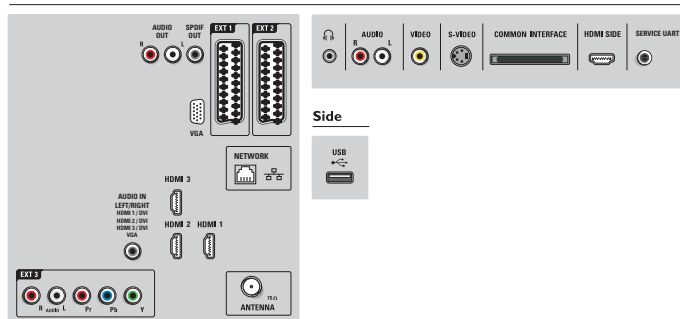- Standby power consumption: < 0.15 W

## Dimensions
- Set dimensions (W x H x D): 958 x 580 x 39 mm
- Set dimensions with stand (W x H x D): 958 x 628 x 220 mm
- Weight incl. Packaging: 24.0 kg
- Product weight: 15 kg
- Product weight (+stand): 18 kg
- Box dimensions (W x H x D): 1200 x 698 x 200 mm
- VESA wall mount compatible: 300 x 300 mm

## Accessories
- Included accessories: Tabletop stand, Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Safety/legal instructions
- Optional accessories: Smart level wallmount SQM6175, DVB-S module PFS0001*

Rear connectors

Side

* DVB-T MPEG4 only for: France, Spain, Denmark, Norway, Finland, Sweden. DVB-C MPEG4 only for selected providers: Denmark, Norway, Finland, Sweden. The most up-to-date information is available on the type plate of the TV, or via www.philips.com/support under the specific type number.
* Net TV, service offering is dependent on country and subject to terms of use.
* Optional Philips DVB-S module required (part no. PFS0001, only available in Germany, Austria and Switzerland)