

Philips 7000 series  
LED TV

107cm (42")

Easy 3D  
DDB

42PFL7977



## Give new dimension to overall viewing experience

with DDB & Easy 3D

Get yourself mesmerised with never seen before picture quality with DDB Technology. This series intensifies your viewing experience with Perfect Pixel HD picture engine and Easy 3D, bringing most true to life images.

### See brilliant picture quality

- 240Hz Perfect Motion Rate (PMR) for superb motion sharpness
- Futuristic digital entertainment in Philips HDTV
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD Natural Motion for ultra smooth motion in Full HD movies
- Enjoy any 2D content in flawless 3D at the push of a button
- Easy 3D for a comfortable 3D movie experience
- Unique 3D depth adjustment to view 3D the way you like it

### Hear crisp and clear sound

- Feel the power of 20 W(2x 10W) RMS

### Easy to connect and enjoy

- Enjoy TV viewing with single remote
- Fantastic video, photo and music playback via USB

# PHILIPS

LED TV  
107cm (42") Easy 3D, DDB

# Highlights

## DDB Technology



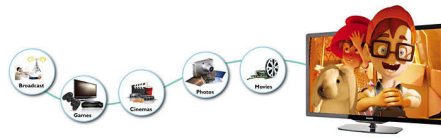
Welcome to the next step in the evolution of Television. DDB technology, a futuristic technology, allows you to experience superior picture quality with over 4.4 trillion colors and improved sharpness, enhanced clarity and better contrast than ever before. It enables your television to receive digital video directly from the satellite, making a set-top box completely unnecessary. Allowing you to sit back and experience picture quality that's so incredibly true to life you won't believe that you are watching it on TV.

## Easy 3D



Easy 3D is the most comfortable 3D to watch. The passive 3D technology ensures you get long hours of comfort while watching flicker-free and low-ghosting 3D on your Philips TV. The 3D glasses are stylish and lightweight and do not require batteries. You can even convert any 2D content into vivid and flawless 3D. Enjoy 3D easily at home today!

## 2D to 3D conversion



Watch your entire movie collection in vivid and flawless 3D — even old black-and-white classics. Philips offers real-time high-quality conversion of any 2D content at the push of a button. It ensures that subtitles are shown at a constant depth and that there are no errors such as the background appearing in the foreground

## 3D depth adjustment



Everyone perceives 3D differently. This is why Philips offers you the possibility to customise the 3D depth level to your personal liking. The unique 3D depth adjustment allows you to choose the image depth that best suits the content on-screen and your personal preference. This also makes it more comfortable for your eyes. Now you can fully enjoy the 3D experience

## Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the

42PFL7977/V7

picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

## HD Natural Motion



Philips invented HD Natural Motion to minimize 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.

## 240Hz PMR



240Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.



# Specifications

## Picture/Display

- Diagonal screen size (inch): 42 inch
- Color cabinet: Black Glossy
- Panel resolution: 1920x1080p
- 3D: Easy3D\*, 2D to 3D conversion, 3D Depth adjustment
- Picture enhancement: Perfect Pixel HD Engine, HD Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction

## Supported Display Resolution

- Computer formats: 1024 x 768, 60, 70, 75Hz, 1280 x 1024, 60, 70, 75Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 56, 60Hz, Via HDMI/DVI input,
- Video formats: 1080i, 50, 60Hz, 1080p, 50Hz, 1080p, 60Hz, 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- Tuner bands: UHF, VHF
- TV system: NTSC M, PAL M, PAL N
- Video Playback: NTSC, PAL (all versions)

## Multimedia Applications

- Playback Formats: AVI, JPEG Still pictures, MPEG1, MPEG2, MPEG4, WMA v2 up to v9.2
- Music Playback Formats: MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG

## Convenience

- Ease of Installation: Autostore, Fine Tuning
- Ease of Use: Graphical User Interface, On Screen Display, Touch control buttons
- On-Screen Display languages: English

## USB - File Extension

- Video: \*.avi, \*.mkv, \*.mov, \*.mp4, \*.mpg

## USB - Container

- Video: ASF, AVI, MKV, MP4, PS

## USB - Video Decoder

- Compression Format: H.264, MPEG 1, MPEG 2, MPEG 4, VC-1

## Sound

- Output power (RMS): 20W
- Sound System: Stereo
- Sound Enhancement: Auto Volume Leveler

## DDB

- TUNER/RECEPTION/ TRANSMISSION: DDB, DDB-Mpeg4

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- AV 1: YPbPr, AV In, CVBS in
- USB: USB
- Number of AV connections: 2
- AV 2: AV in
- HDMI 1: HDMI
- HDMI 2: HDMI
- Other connections: Antenna F-type, Component Video (YPbPr) input, Ethernet, PC-in VGA + Audio L/R in, Analog audio Left/Right out

## Power

- Mains power: 110-240 V 50/60Hz
- Power consumption: 200 W
- Standby power consumption: 20W

## Accessories

- Included accessories: 2 x AAA Batteries, Quick start guide, Remote Control, User Manual, Warranty certificate, Power cord, Safety/legal instructions, Table top stand, Wall mounting bracket
- User Manual: English

## Dimensions

- Set Width: 980 mm
- Set Height: 596 mm
- Set Depth: 205 mm
- Product weight: 13.2 kg
- Set width (with stand): 980 mm
- Set height (with stand): 635 mm
- Set depth (with stand): 515 mm
- Product weight (+stand): 15.8 kg

