

Philips 6000 series  
LED TV

107cm (42")  
Full HD 1080p  
DDB

42PFL6577



## Experience digital entertainment

with DDB Technology

Get closer to reality with razor sharp image, true colors and contrast . DDB technology in your Philips LED gives you life-like experience with crystal clear clarity in viewing!

### See brilliant picture quality

- 240Hz Perfect Motion Rate (PMR) for superb motion sharpness
- "Dynamic contrast 5000000:1 for incredible rich black detail
- Full HD LCD display for better depth and clarity
- Pixel Plus HD for better details, depth and clarity
- Futuristic digital entertainment in Philips HDTV
- HD Natural Motion for ultra smooth motion in Full HD movies

### Hear crisp and clear sound

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

### Easy to connect and enjoy

- Seamless connectivity with 2 HDMI inputs
- Enjoy TV viewing with single remote
- Fantastic video, photo and music playback via USB

# PHILIPS

LED TV  
107cm (42") Full HD 1080p, DDB

# Highlights

## Full HD LCD display, 1920 x 10



"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 like 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 colors.. "

## 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.

## Pixel Plus HD



Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artefacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clear and razor sharp

## 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.

## HD Natural Motion



Philips invented HD Natural Motion to minimize juddering effects that are visible with

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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.

## "Dynamic contrast 5000000:1"



"You want the LED flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.."

## Rich & clear sound experience



"Feel the power of the music beat and the atmosphere of the movies. The powerful 20 W RMS (2 x 10 W RMS) amplifiers create a lifelike soundstage. It gives a clear and spacious sound stage complementary to the rich viewing experience.."



# Specifications

## Picture/Display

- Diagonal screen size (inch): 42 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, HD Natural Motion, 3/2 - 2/2 motion pull down, 3D Combfilter

## 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

## Built-in DVD

- Video disc playback system: NTSC, PAL

## 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: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display
- 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 Leveller

## DDB

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

## Loudspeakers

- Built-in speakers: 2

## Connectivity

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

## Power

- Power supply: 100-240VAC, 50/60Hz
- Power consumption: 200 W
- Standby power consumption: 20 W

## Accessories

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

## Dimensions

- Set Width: 1017 mm
- Set Height: 630 mm
- Set Depth: 46 mm
- Product weight: 17.7 kg
- Set width (with stand): 1017 mm
- Set height (with stand): 667 mm
- Set depth (with stand): 240 mm
- Product weight (+stand): 19.4 kg
- Stand width: 400 mm
- Stand depth: 240 mm

