Philips 8000 series
LED TV

117 cm (46")
Easy 3D
DDB

46PFL8577

Welcome to the digital revolution

With the latest innovation

Enchanted. Captivated. Engrossed. Get yourself dwelled into the picturesque world of digital Entertainment with DDB Technology and Easy 3D. Unrivalled clarity , sleek glass design,wealth of online world, takes TV viewing beyond compare.

See brilliant picture quality
- 480Hz 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
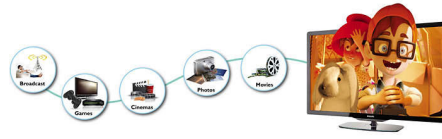
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Highlights

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 recieve digital video directly from the sattelite, making a set-top box completely unnecessary. Allowing you to sit back and experience picture quality that's so incredibly true to life you wont 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 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.

480Hz Perfect Motion Rate

480Hz 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 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.

Specifications

Picture/Display
- Diagonal screen size (inch): 46 inch
- 3D: Easy3D*, 2D to 3D conversion, 3D Depth adjustment
- Panel resolution: 1920x1080p
- 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
- 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
- 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: 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, Ethernet, PC-in VGA + Audio L/R in, Analog audio Left/Right out

Power
- Power supply: 100-240VAC, 50/60Hz
- Power consumption: 250 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: 1088 mm
- Set Height: 662 mm
- Set Depth: 44 mm
- Product weight: 27.5 kg
- Set width (with stand): 1088 mm
- Set height (with stand): 705 mm
- Set depth (with stand): 295 mm
- Product weight (+stand): 32.2 kg

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