Philips
Flat TV with Pixel Plus 3
HD and Ambilight

52"
LCD HD Ready

52PFL7803

PIXEL PLUS 3 HD

ambi light

100Hz LCD 3ms

HD NATURAL MOTION

4x HDMI

easy LINK HDMI

SmartMode

BBE DIGITAL

Light up your senses.

Immerse yourself in a captivating Ambilight experience. Featuring a full HD 1080p display and Pixel Plus 3HD engine, this Flat TV combines HD Natural Motion, exciting invisible sound and Ambilight - lighting up your senses for years to come

Elevate your viewing experience
• Ambilight enhances the viewing experience with ambient light

See pictures come alive
• Pixel Plus 3 HD for most sharp and clear pictures
• Full HD LCD display, with a 1920x1080p resolution
• HD Natural Motion for ultra smooth motion in Full HD movies
• 100Hz LCD, 3ms performance for superb motion sharpness

Hear exciting and powerful sound
• Integrated wOOx loudspeakers for deep and powerful bass
• BBE for superior sound clarity
• 30 watt with BBE for powerful sound and great voice clarity

Connect, install and enjoy
• 4 HDMI inputs for full digital HD connection in one cable
• EasyLink: easy control of TV & connected device via HDMI CEC
• Swivel stand for the optimal viewing angle

PHILIPS

sense and simplicity

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 33000:1
- Response time (typical): 3 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 52 inch / 131 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus 3 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Contrast Plus, Digital Natural Motion, Digital Noise Reduction, Dynamic contrast enhancement, Jagged Line Suppression, Progressive Scan, 100Hz LCD, 1080p 2:2 and 2:3 pull down, HD Natural Motion
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
720 x 400	70Hz
800 x 600	60, 72, 75, 85Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz

- Video formats

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

Sound
- Equalizer: 7-bands
- Output power (RMS): 2 X 15W
- Sound Enhancement: Auto Volume Leveller, Graphic Equaliser, Incredible Surround
- Sound System: Stereo, BBE, SAP

Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: wOOx loudspeakers

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: On main display, Sleep Timer, Wake Up Timer
- Connection Enhancement: Easy link
- User convenience: Closed Captioning (analog), Vchip and parental lock
- Ease of Installation: Auto Program Naming, Autostore, Fine Tuning, PLL Digital Tuning, Program Name, Sorting
- Ease of Use: 8 channel smart surf list, Auto Volume Leveller (AVL), On Screen Display, Program List, Side Control, Closed Captioning Full Text
- On-Screen Display languages: English, Portuguese, Spanish
- Remote Control: TV
- Remote control type: PF02L08B
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Signal strength indication
- Smart mode: Game, Movie, Personal, Power saver, Sports, Standard

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- TV system: NTSC M, PAL N, PAL M
- Video Playback: NTSC, SECAM, PAL (all versions)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 125
- Tuner Display: PLL

Connectivity
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out
- Other connections: PC-in VGA + Audio L/R in, S/PDIF out (coaxial)

Power
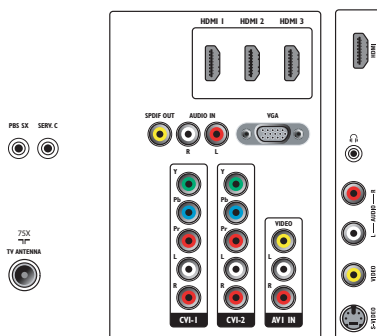- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50/60Hz
- Power consumption: 340 W
- Standby power consumption: typ. 0.165W

Dimensions
- Set dimensions (W x H x D): 1300 x 797 x 140 mm
- Set dimensions with stand (W x H x D): 1300 x 868 x 325 mm
- Weight incl. Packaging: 51 kg
- Product weight: 38 kg
- Product weight (+stand): 45 kg
- Box dimensions (W x H x D): 1415 x 954 x 401 mm
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included Accessories: Tabletop swivel stand, Power cord, Quick start guide, User Manual, Remote Control, Batteries for remote control

Flat TV with Pixel Plus 3 HD and Ambilight
52" LCD HD Ready

Product highlights

Pixel Plus 3 HD
Pixel Plus 3 HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts 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 clean and razor sharp.

Full HD LCD display 1920x1080p
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.

HD Natural Motion
Philips invented HD Natural Motion to eliminate juddering effects that are visible with movie based picture content. HD Natural Motion 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. HD Natural Motion removes judder from SD and HD pictures, including 1080p, for a motion performance that surpasses the cinema!

100Hz LCD (3ms)
100Hz 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 100Hz 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 brings motion sharpness of LCD displays to an unprecedented level.

Integrated wOOx loudspeakers
wOOx technology creates a superior bass sound by capturing and enhancing low frequency bass for a dramatically enhanced bass and sound experience.

BBE
BBE high definition sound is the core sound enhancement technology (licensed by BBE Sound) that will enable you to experience real natural music, speech intelligibility with rich and clear audible vocals.

4 HDMI inputs
HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and includes digital audio. HDMI uses HDCP copy protection. With 3 HDMI inputs on the back and 1 HDMI on the side of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and game console or digital Camcorder. Your TV is fully prepared for the HD future.

EasyLink
EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With EasyLink only one remote control is needed to operate main functionalities on your TV and connected devices. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.

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