



Philips
Flat TV with Crystal Clear

20"

LCD

20PF4121



Turn up your viewing experience

with Crystal Clear

Here is an LCD TV that not only enhances the décor of your home with its European styling and slim design, but also provides a great audio-visual experience with Crystal Clear and Virtual Dolby Surround.

Better quality images that reveal more detail

- Enhanced-definition LCD VGA display, 640 x 480p
- Crystal Clear improves picture depth

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior

- Compact design

Designed for your convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture and Smart Sound to personalise your viewing

For advanced performance

- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Highlights

LCD VGA display, 640 x 480p

This VGA display with state-of-the-art LCD screen technology has an enhanced resolution of 640 x 480p.

Crystal Clear

Combining picture enhancements like Contrast plus and colour improvement, Crystal Clear improves picture depth.

Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby

Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimised picture and sound settings for the various picture and sound modes.

DVI-I Input

A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analogue, it delivers an unblemished and noise-free image that is clear and flicker-free. The DVI input supports HDCP copy protection that allows viewing of copy protected programmes from Digital Set-top boxes, DVD players and HD recorders. DVI-I is future proof as it can be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analogue PC-VGA signals.



Specifications

Picture/Display

- Aspect ratio: 4:3
- Brightness: 450 cd/m²
- Contrast ratio (typical): 500:1
- Diagonal screen size: 20 inch / 51 cm
- Display screen type: LCD VGA Active Matrix TFT
- Picture enhancement: Crystal Clear, Progressive Scan, Sharpness Adjustment, Colour Temperature Adjustment, 2D Combfilter, Contrast Plus
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 160 / 120 degree
- Panel resolution: 640 x 480p
- Response time (typical): 16 ms

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75 Hz
1024 x 768	60, 70, 75Hz
720 x 400	70 Hz

Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh

Sound

- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Output power (RMS): 2 x 5W
- Equalizer: 5-bands

Convenience

- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Programme Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Menu Control, On-Screen Display, Programme List,

- Smart Picture, Smart Sound
- Remote control type: RCFE05ZAU00
- Teletext: 10-page Smart Text
- Remote Control: TV
- Screen Format Adjustments: 16:9 compress, 4:3, 4:3 expand
- Clock: Sleep Timer
- Teletext enhancements: 4 favourite pages, Programme information Line

Tuner/reception/transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, PAL B/G, PAL D/K, PAL I, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner Display: PLL
- Number of Preset Channels: 100

Connectivity

- Number of Scarts: 1
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Antenna IEC75, PC Audio in, DVI-I
- Front/Side connections: Audio in, CVBS in, Headphone out, S-video in

Power

- Power consumption: 55 W
- Standby power consumption: 1.5 W
- Ambient temperature: 5°C to 40°C
- Power supply: AC 90-240

Dimensions

- Product weight: 8.8 kg
- Dimensions (with base) (W x H x D): 594 x 429 x 195 mm
- Box dimensions (W x H x D): 659 x 565 x 211 mm
- Set dimensions (W x H x D): 594 x 391 x 83 mm
- Set weight: 8.8 kg
- Weight incl. Packaging: 11.5 kg
- Colour cabinet: Silver/Black

stereo system					transmission system					
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'
o	o	o	o	o	o	o	o	o	o	o



Issue date 2009-08-06

Version: 3.0.9

12 NC: 8670 000 23473
EAN: 87 10895 94340 6

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Accessories

- Included Accessories: Power cord, Quick start guide, Registration card, Remote Control, Tabletop stand, User manual