



Philips
Flat TV

51 cm (20")
LCD

20PF5120



Turn up your viewing experience with Crystal Clear III

Here is a new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for better quality images that reveal more detail and Incredible Surround for superb audio.

Vivid, natural and razor sharp images

- Enhanced-definition LCD SVGA display, 800 x 600p
- Crystal Clear III for natural images with enhanced quality
- 2D Combfilter sharpens images for finer detail

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

Slim, stylish design to complement your interior

- Compact and slim design that fits in every room

Exciting and lifelike sound

- Incredible Surround™ for enhanced audio enjoyment

Multi-purpose convenience

- Smart Picture provides personalized image settings
- Smart Sound optimizes audio settings
- PC input lets you also use your TV as a PC monitor

PHILIPS

Highlights

LCD SVGA display, 800 x 600p

This SVGA display with state-of-the-art LCD screen technology has an enhanced resolution of 800 x 600p. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colors.

2D Combfilter

The 2D comb filter separates chrominance (color) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimize distortion.

Incredible Surround™

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the

virtual distance between the two speakers.

This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

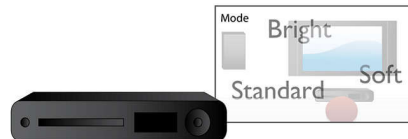
Compact and slim design

This design style emphasizes a slim, compact look that saves space and fits in anywhere.

PC input

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

Smart Picture



Smart Picture provides the optimum picture settings for color, brightness, saturation, contrast, sharpness, and so on, to enhance your overall viewing experience at all times.

Smart Sound



Smart Sound provides the optimal sound settings for ultra bass, bass, treble and balance so that you can get the best entertainment experience.

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 analog, 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 programs from Digital Settop 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 analog PC-VGA signals.

Specifications

Picture/Display

- Aspect ratio: 4:3
- Diagonal screen size (inch): 20 inch
- Diagonal screen size (metric): 51 cm
- Panel resolution: 800 x 600p
- Brightness: 500 cd/m²
- Contrast ratio (typical): 500:1
- Picture enhancement: Crystal Clear III, Progressive scan, 2D Combfilter, Sharpness Adjustment
- Display screen type: LCD SVGA Active Matrix TFT
- Response time (typical): 16 ms
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 120 degree

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

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
- Video Playback: NTSC, PAL, SECAM

Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Automatic Tuning System (ATS), Autostore, Fine Tuning
- Ease of Use: Smart Picture, Smart Sound, Top Controls, Auto Volume Leveller (AVL), Menu Control, On Screen Display
- Clock: Sleep Timer

- Screen Format Adjustments: 4:3, 16:9 compress, 4:3 expand
- Teletext: 10 page Smart Text
- VESA Mount: 100 x 100 mm

Sound

- Output power (RMS): 2 x 5W
- Sound System: Mono, Nicam Stereo
- Sound Enhancement: Incredible Surround

Connectivity

- AV 1: Audio L/R in, YPbPr (2fh)
- AV 2: Audio L/R in, CVBS, S-Video
- Front / Side connections: Headphone Out
- Other connections: DVI-I, PC Audio in, Antenna IEC75

Power

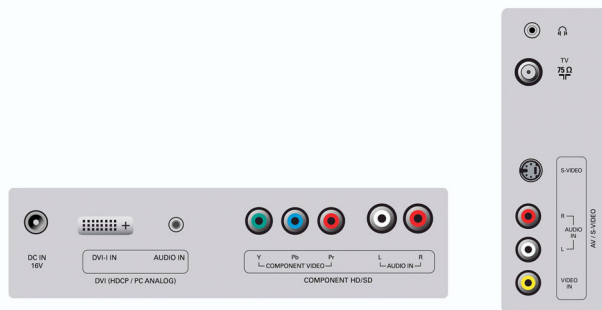
- Power supply: AC 90-240
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 55 W
- Standby power consumption: < 1 W

Accessories

- Included accessories: Table top stand, Power cord, Quick start guide, Remote Control, User Manual

Dimensions

- Set Width: 506 mm
- Set Height: 444 mm
- Set Depth: 80 mm
- Product weight: 8.5 kg
- Width (with base): 506 mm
- Height (with base): 484 mm
- Depth (with base): 220 mm



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