



Philips
Flat TV with Crystal Clear

51 cm (20")
LCD

20PF4110



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
- Active Control optimizes picture quality whatever the source

Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

Stylish design

- Compact design

Multi-purpose convenience

- PC input lets you also use your TV as a PC monitor
- Smart Picture provides personalized image settings
- Smart Sound optimizes audio settings
- 10 pages Smart Text for fast access to teletext.

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Highlights

Crystal Clear

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

Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

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

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.

10 page Smart Text

The teletext is a common system transmitted by most broadcasters. The 10 page smart text feature gives you fast access to information when changing pages.



Specifications

Picture/Display

- Aspect ratio: 4:3
- Brightness: 450 cd/m²
- Contrast ratio (typical): 350:1
- Diagonal screen size: 20 inch / 51 cm
- Display screen type: LCD VGA Active Matrix TFT
- Picture enhancement: Crystal Clear, Progressive scan, Active Control, Sharpness Adjustment, Color Temperature Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 176 / 176 degree
- Panel resolution: 640 x 480p
- Response time (typical): 25 ms
- Color cabinet: Silver Frost

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz

Video Formats

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

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

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, DVI-D, PC Audio in
- 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): 583 x 433 x 217 mm
- Box dimensions (W x H x D): 659 x 564 x 210 mm
- Set dimensions (W x H x D): 583 x 386 x 87 mm
- Set weight: 8.8 kg
- Weight incl. Packaging: 12.03 kg

Accessories

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

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	o



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