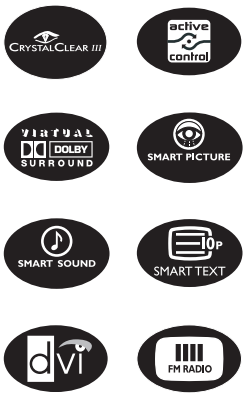
Philips
Flat TV with Crystal Clear III

20"
LCD

20PFL4112S



Turn up your viewing experience

with Crystal Clear III

Here is a wonderful new TV that not only gives you great picture and sound but also modern styling and quality finish. It features Crystal Clear III for natural, vivid images and Virtual Dolby Surround for superb audio.

Vivid, natural and razor sharp images
- Enhanced-definition LCD VGA display, 640 x 480p
- Crystal Clear III for natural images with enhanced quality
- Active Control Digital reduces MPEG motion defects

Superb sound reproduction
- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior
- Compact and slim design that fits in every room

Designed for your convenience
- Built-in FM radio to enjoy your favorite radio stations.
- PC input lets you also use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing

For advanced performance
- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Flat TV with Crystal Clear III
20" LCD

20PFL4112S/60

Specifications

Picture/Display
- Aspect ratio: 4:3
- Brightness: 450 cd/m²
- Contrast ratio (typical): 800:1
- Response time (typical): 25 ms
- Viewing angle (H / V): 178 / 178 degree
- Diagonal screen size: 20 inch / 51 cm
- Display screen type: LCD VGA Active Matrix TFT
- Panel resolution: 640 x 480p
- Picture enhancement: Crystal Clear III, Contrast Plus, 2D Combfilter, Active Control, Color Temperature Adjustment, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75Hz

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

Convenience
- Clock: Sleep Timer
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Menu Control, On Screen Display, Program List, Smart Picture Control, Smart Sound Control
- Remote Control: TV
- Remote control type: RCFE05SMU00
- Screen Format Adjustments: 16:9 compress, 4:3, 4:3 expand
- Teletext: 10 page Smart Text
- Teletext enhancements: 4 favourite pages, Program information Line

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

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

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

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

Dimensions
- Color cabinet: Silver Frost / High Gloss Black
- Set dimensions (W x H x D): 506 x 446 x 77 mm
- Dimensions (with base) (W x H x D): 506 x 490 x 246 mm
- Product weight: 8.1 kg
- Box dimensions (W x H x D): 684 x 500 x 213 mm
- Weight incl. Packaging: 10.3 kg
- VESA wall mount compatible: 100 x 100 mm

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'
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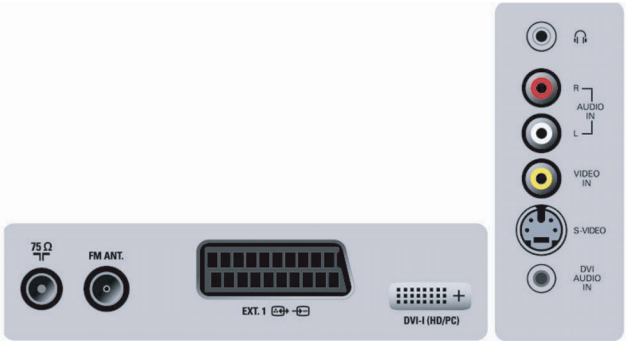

Product highlights

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 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.

Active Control Digital
Apart from noise and sharpness improvements at the rate of 60 times per second, and making picture adjustments at over 3,000 times per minute, Active Control Digital continuously monitors any motion defects inherent in digital content and reduces them. This ensures that the digital viewing experience is continuously monitored and optimized for maximum viewing enjoyment

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.

FM Radio
An FM radio capable of storing 40 preset stations in built in. On-screen station naming makes navigation simple, and a handy Clock Screensaver is also included for use while listening.

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 optimized 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 analog, it delivers an unblemished and noisefree image, that is clear and flickerfree. 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 be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analog PC-VGA signals.

Issue date 2008-08-06
Version: 2.0.5
12 NC: 8670 000 30744
EAN: 87 12581 33985 2

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