

Philips
Flat TV with Crystal Clear
III

51 cm (20")
LCD

20PF5120



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 optimizes picture quality whatever the source

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

My personal entertainment center

- Built-in FM radio to enjoy your favorite radio stations.
- PC input lets you also use your TV as a PC monitor
- 10 pages Smart Text for fast access to teletext.

Leading interface for digital quality audio/video

- DVI-I provides the best picture and flexible connectivity

PHILIPS

Highlights

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

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.

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.

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.

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
- Brightness: 450 cd/m²
- Contrast ratio (typical): 350:1
- Diagonal screen size: 20 inch / 51 cm
- Color cabinet: Silver Frost
- Display screen type: LCD VGA Active Matrix TFT
- Picture enhancement: Crystal Clear III, Progressive scan, 2D Combfilter, 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

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), FM Radio, Menu Control, On Screen Display, Program List, Smart Picture, Smart Sound
- Remote control type: RCFE05SMU00
- Teletext: 10 page Smart Text
- Remote Control: TV

- Screen Format Adjustments: 16:9 compress, 4:3, 4:3 expand
- Clock: Sleep Timer
- VESA Mount: 100 x 100 mm

Tuner/Reception/Transmission

- Tuner bands: FM, 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-I, FM Antenna, 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

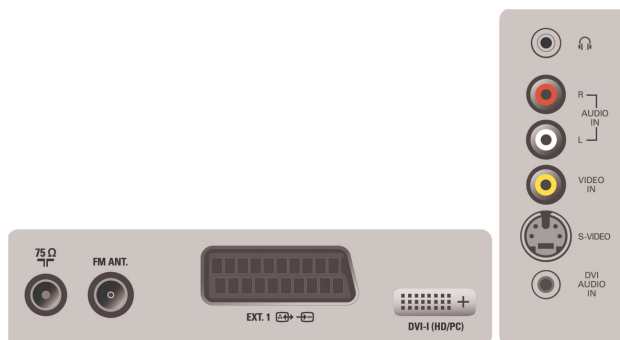
Dimensions

- Box dimensions (W x H x D): 659 x 565 x 211 mm
- Dimensions (with base) (W x H x D): 583 x 433 x 217 mm
- Set dimensions (W x H x D): 583 x 386 x 87 mm
- Set weight: 8.5 kg
- Weight incl. Packaging: 11.5 kg
- Product weight: 8.5 kg

Accessories

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

| stereo system | | | | | transmission system | | | | | |
|---------------|-------|-----|-------|-------|---------------------|-----|-----|-------|-------|-------|
| 2CS | NICAM | 2CS | NICAM | NICAM | PAL | PAL | PAL | SECAM | SECAM | SECAM |
| DK | DK | B/G | I | LL' | B/G | DK | I | B/G | DK | LL' |
| o | o | o | o | o | o | o | o | o | o | o |



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