Philips
flat TV with Crystal Clear

17"

LCD

**17PF4310**

CRYSTAL CLEAR

active control

virtual DOLBY SURROUND

SMART PICTURE

SMART SOUND

SMART TEXT

# 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**
• High definition LCD WXGA display, resolution 1280 x 768p
• 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 personalised image settings
• Smart Sound optimizes audio settings
• 10 pages Smart Text for fast access to teletext.

**PHILIPS**

sense **and** simplicity

## Specifications

### Picture/Display
- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Contrast ratio (typical): 600:1
- Diagonal screen size: 17 inch / 43 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Crystal Clear, Progressive Scan, Active Control, Sharpness Adjustment, Colour Temperature Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 176 / 176 degree
- Panel resolution: 1280 x 768p
- Response time (typical): 25 ms

### 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 |
| 832 x 624 | 75Hz |
| 1024 x 768 | 60, 70, 75Hz |
| 1280 x 768 | 60Hz |

- 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 |
| 1920 x 1080i | 2Fh |

### Sound
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround
- Output power (RMS): 2X2W
- 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
- Ease of Use: Auto Volume Leveller (AVL), Menu Control, On Screen Display, Program List, Smart Picture Control, Smart Sound Control
- Remote control type: RCFE05ZAU00
- Teletext: 10 page Smart Text
- Picture in Picture: Twin page text
- Remote Control: TV
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen, Full screen
- 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: 53 W
- Standby power consumption: < 3 W
- Ambient temperature: +5°C/+45°C
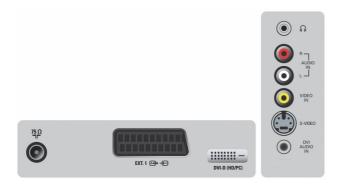- Power supply: AC 90-240

### Dimensions
- Product weight: 5.8 kg
- Dimensions (with base) (W x H x D): 517 x 347 x 169 mm
- Set dimensions (W x H x D): 517 x 302 x 80 mm
- Set weight: 5.8 kg
- Weight incl. Packaging: 8.04 kg
- Colour cabinet: Silver Frost

### 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 |

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17" LCD

## Product highlights

**Crystal Clear**
Combining picture enhancements like Contrast plus and colour 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 colour, brightness, saturation, contrast, sharpness, etc. 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.

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