# Enhanced picture and sound

Get optimal picture quality with DCDi technology by Faroudja, Digital Comb Filter and a LCD panel with wide viewing angles. On top you also get built-in FM radio and a compact design, for the best value.

**Vivid, natural and razor sharp images**
- High-definition LCD XGA display, 1024 x 768p
- Crystal Clear III for natural images with enhanced quality
- Progressive Scan component video for optimized image quality
- Active Control optimizes picture quality whatever the source

**Impressive sound**
- Incredible Surround™ for enhanced audio enjoyment

**Multi-purpose convenience**
- The FM radio tuner enhances your personal enjoyment
- 100 pages of teletext for fast access to text information
- Twin page teletext allows simultaneous viewing of two pages
- VGA input so that you can also use your TV as a PC monitor
- View PC content in a second window on your TV

**PHILIPS**

flat TV with Crystal Clear III
15" LCD progressive scan

## Technical specifications

### Picture/Display
- Aspect ratio: 4:3
- Brightness: 450 cd/m²
- Contrast ratio (typical): 400:1
- Diagonal screen size: 15 inch / 38 cm
- Visible diagonal screen size: 38 cm
- Display screen type: LCD XGA Active Matrix TFT
- Picture enhancement: 2D Combfilter, 3/2 - 2/2 motion pull down, Active Control, Color Transient Improvement, Color Temperature Adjustment, Contrast Plus, Crystal Clear III, Jagged Line Suppression, Luminance Transient Improver, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 170 / 170 degree
- Panel resolution: 1024 x 768p
- Response time (typical): 25 ms

### Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
| --- | --- |
| 1024 x 768 | 60Hz |
| 640 x 480 | 60, 72, 75, 85Hz |
| 800 x 600 | 56, 60, 72, 75,85Hz |

- Video Formats

| Resolution | Refresh rate |
| --- | --- |
| 720 x 576i | 1Fh |
| 720 x 576p | 2Fh |

### Sound
- Sound Enhancement: Ultra Bass
- Sound System: Mono, Nicam Stereo
- Total Sound Power (RMS): 12 W

### Convenience
- Ease of Installation: Auto Programme Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug & Play, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Graphical User Interface, Program List, Smart Picture Control, Smart Sound Control
- Remote control type: RCAE039
- Teletext: 100 page Smart Text

- Teletext enhancements: 4 favourite pages, Program information Line
- Picture in Picture: Picture in graphics, Twin page text
- Remote Control: TV, DVD, VCR
- Screen Format Adjustments: 4:3, 4:3 expand, 16:9 compress
- Clock: Wake up Clock, Sleep Timer
- VESA Mount: 100 x 100 mm
- Child Protection: Child Lock

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

### Connectivity
- Number of Scarts: 2
- Ext 1 Scart: RGB, CVBS in/out, Audio L/R
- Ext 2 Scart: S-video in, Y/C, CVBS in/out, Audio L/R
- Other connections: Audio constant level out, PC-in VGA + Audio L/R in, Antenna IEC75, FM Antenna
- Front / Side connections: Audio in, CVBS in, Headphone out, S-Video in

### Power
- Power consumption: 50 W W
- Standby power consumption: < 3 W
- Ambient temperature: +5 -/+ 40 C
- Power supply: AC 90-240

### Dimensions
- Product weight: 5 kg
- Dimensions (with base) (W x H x D): 481 x 307 x 65 mm

### Accessories
- Included Accessories: Power cord, Quick start guide, Registration card, Remote Control, RF cable, User Manual
- AC/DC Adaptor/Charger: Multi-voltage

## Product highlights

### LCD XGA display, 1024 x 768p
*This XGA display with state-of-the-art LCD screen technology has a widescreen HD resolution of 1024 x 768p pixels. 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.*

### Progressive Scan
*Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.*

### 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.*

### 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.*

### FM-radio
*A small FM radio is integrated into the headphone so you always have a music source with you.*

### 100 page Smart Text
*The teletext is a common system transmitted by most broadcasters. The 100 page smart text feature gives you fast access to information when changing pages.*

### Twin page teletext
*Twin page teletext allows you to simultaneously view two teletext pages side by side*

### VGA input
*The TV set has a VGA input which is compatible with the display output signal from your PC. This means you can use the set both as a TV and PC Monitor at your convenience.*

### Picture in Graphics
*Picture-in-Graphics is a small window in the main picture, allowing to watch data/graphics in your main TV screen. It provides the ability to simultaneously watch data/graphics and the TV.*