



Philips
flat TV with Crystal Clear
III

20"
LCD

20PF7835



Best value with great features

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.

Enhanced video performance

- Enhanced-definition LCD VGA display, 640 x 480p
- Crystal Clear III for natural images with enhanced quality
- Digital Comb Filter provides razor-sharp images

Impressive sound

- NICAM Digital Stereo for a sharp, clear stereo sound

Great convenience

- Plug & Play for easier installation
- 10 pages Smart Text for fast access to teletext.
- The FM radio tuner enhances your personal enjoyment

PHILIPS

Technical specifications

Picture/Display

- **Aspect ratio:** 4:3
- **Brightness:** 450 cd/m²
- **Contrast ratio (typical):** 400:1
- **Diagonal screen size:** 20 inch / 51 cm
- **Visible diagonal screen size:** 51 cm
- **Display screen type:** LCD VGA Active Matrix TFT
- **Picture enhancement:** 2D Combfilter, Progressive Scan, Sharpness Adjustment, Crystal Clear III, Luminance Transient Improver, Color Transient Improvement, Incredible Picture, Digital Noise Reduction
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (H / V):** 176 / 176 degree
- **Response time (typical):** 16 ms

Supported Display Resolution

- **Video Formats**

Resolution	Refresh rate
640 x 480i	1Fh

Sound

- **Sound Enhancement:** Smart Sound
- **Sound System:** Nicam Stereo, Stereo
- **Music Power:** 20 W

Loudspeakers

- **Number of Loudspeakers:** 2

Convenience

- **Ease of Installation:** Autostore, Fine Tuning, Plug & Play, PLL Digital Tuning, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Sorting
- **Ease of Use:** Auto Volume Leveller (AVL), Smart Picture Control, Smart Sound Control, Top

Controls, Program List, Smart Listening, On

- **Screen Display, Menu Control**
- **Remote control type:** RCAE038
- **Teletext:** 10 page Smart Text
- **Clock:** Sleep Timer
- **VESA Mount:** 100 x 100 mm
- **Child Protection:** Child Lock

Tuner/Reception/Transmission

- **Tuner bands:** Hyperband, S-Channel, UHF, VHF
- **TV system:** PAL, SECAM, PAL I, PAL B/G, PAL D/K, 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

- **Ext I Scart:** CVBS in/out, RGB, Audio L/R
- **Other connections:** Antenna IEC75, FM Antenna, A/V Audio L/R in, Composite video (CVBS) input
- **AV 2:** Audio L/R in, CVBS, S-Video
- **Front / Side connections:** Headphone out

Power

- **Mains power:** AC 90V - 240V 50/60 Hz
- **Ambient temperature:** +5°C/+45°C

Dimensions

- **Product weight:** 8 kg
- **Set color:** Silver Frost
- **Dimensions (with base) (W x H x D):** 477 x 435 x 82 mm

Accessories

- **Included Accessories:** Table top stand

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.

Digital Comb Filter

A digital comb filter separates chrominance (color) from luminance (brightness) information in the video signal, and independently processes them to improve picture resolution while also minimizing distortion.

NICAM Digital Stereo

In certain countries, for example the UK and Belgium, TV programs are broadcast with NICAM digital stereo sound. It offers CD-quality sound with a high immunity to noise and signal degradation. It can be used with mono, stereo and Dolby Pro Logic broadcasts. The integrated tuner of this product is fully equipped to decode the NICAM signal.

Plug & Play

Plug & Play gives you the ability to install or add a new component and have it work without having to perform any complex installation procedure or technical analysis.

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.

FM-radio

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

