

27" Digital Television



- 1080i, 480p
- **Black Matrix RealFlat™** picture tube
- **Active Control™**
- **HD Component Input**
- **CrystalClear™** with **Dynamic Contrast**
- **3D Y/C Comb Filter**
- **Double Window, Two-Tuner PIP**
- **Virtual Dolby® Surround**
- **20Watt RMS**



Side Connectors

Let's make things better.



PHILIPS

27" Digital Television



Product highlights

Black Matrix RealFlat™ picture tube

Undistorted and reflection free picture for maximum viewing comfort. DAF (Dynamic Astigmatic Focus) brings two-dimensional focus alignment for optimum picture quality.

60Hz Progressive Scan / 1050i lines

Progressive Scan doubles the number of visible picture lines per field by displaying all picture lines at once. Progressive Scan eliminates line flicker. Philips Progressive Scan doubles the lines in an intelligent way ensuring a jitterfree and quiet picture. 1050i lines provides for a double vertical resolution (interlaced) of Progressive Scan which adds astonishing sharpness.

CrystalClear™

Package includes Dynamic Contrast and SCAVEM (Scan Velocity Modulation) offering a crisp and natural picture with up to 30% improved contrast.

3D Digital Comb Filter

Uses spatial and temporal filtering to eliminate cross color and cross luminance with excellent diagonal resolution.

2Fh Input and Full 1080i Resolution Display

Connection for high definition input for display without loss of quality.

Double Window, Two-Tuner PIP

Two-Tuner PIP and Double Window allows for viewing of two channels at the same time.

Auto Controls

Easy selection of pre-defined optimal settings for Picture and Sound via Remote Control keys.

Active Control™

Continuous picture analysis and control of Automatic Digital Noise Reduction and Auto Sharpness. Automatically offers the best picture settings. The demo menu shows real-time adjustments of two parameters based on picture content.

Virtual Dolby® Surround

Dolby® processing circuitry for enhanced surround sound effect creates the sensation of Dolby® Pro Logic without the hassle of additional rear speakers.

20W RMS

With DBE (Dynamic Bass Enhancement) and full digital sound processing for natural sound.

Universal Remote Control

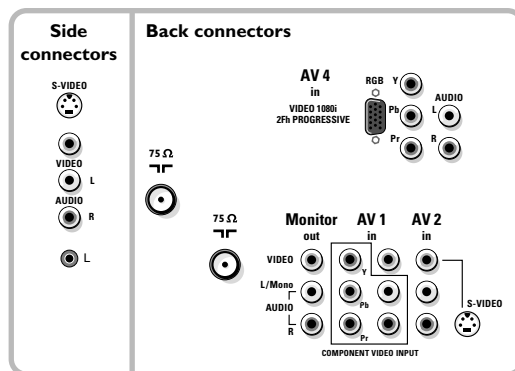
Universal RC managing TV and peripherals.

Component Video In (YPbPr)

Supports advanced video input (such as DVD-Video) for superb color performance.

Supporting Features

- Digital Color Transient Improvement (CTI)
- Digital Histogram
- Picture Freeze
- Auto Aspect Ratio Adaptation (and 16:9 compress, 4:3 expand)
- Incredible Surround™
- Dynamic Bass Enhancement
- Automatic Volume Leveler (AVL)
- Independent headphone volume control
- EasyTune™ (Auto Search, Auto Tune, Auto Install)
- Alternate Channel
- AutoSurf™
- Low power standby (<1W)



Technical specifications

Chassis

- Type: EMG (EM 1U)

Picture

- Visible screen size: 27"/68cm
- Picture screen diameter: 29"/72cm
- Picture tube: RealFlat™ 4:3
- DAF CRT gun
- Image stability: 60Hz Progressive Scan
- S-Video display
- AutoPicture™ control (5 modes)
 - Rich, Soft, Natural, Multimedia, Personal
- 3-position Color Temperature
- Control: Brightness, Color Temperature, Sharpness, Color, Dynamic Contrast (on/off)

Sound

- Sound system: Hi-Fi Stereo
- Virtual Dolby® Surround processing
- Incredible Surround™
- Output : 2 x 20W RMS
- Frequency response: 20Hz-15kHz, +1/-3dB (ampl.)
- Loudspeakers:
 - 2 x Full range 2x5"
- AutoSound™ control
 - Theatre, Voice, Music, Personal
- Control: Volume, Bass, Treble and Balance AVL (on/off), Headphone (volume, balance)

Predecessor(s) : n.a.

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Operation

- Easy menu driven installation and operation. Direct access menus and cursor control.
- Selection of three menu languages: (English, French, Spanish)
- 100 pre-selections
- Onscreen status display on programs and functions (OSD)
- Sleep timer and Timer
- AutoLock™ to protect young children from objectionable programming with V-chip technology
- Favorite channel list
- Onscreen menu display:
 - Picture menu, Sound menu, Volume control, Features menu, Channel List, AutoSurf™, Installation menu, Preset Name Giving, Language Selection, Active Control demo menu indicating real time picture settings
- Closed Captioning
- Dealer Link : input control for installation and service (Com-pair).

Reception

- Tuning system: PLL Digital Tuning (100-fold)
- Color transmission systems
 - Off-air: NTSC - M
 - NTSC video playback
- Channel selections: 100 channels
- Aerial input: 75 Ohm (F-threaded)

Remote Control

- RC type: RC2017
- 41 control keys

Connections

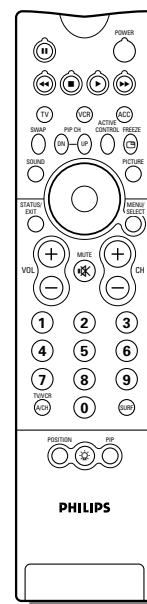
- Side
 - S-Video in (Y/C)
 - Video CVBS (cinch)
 - Audio L/R-in (cinch)
- with automatic mono switching
- Headphone jack 3.5mm
- Rear
 - AV 1 :
 - Component video in YPbPr (1 Fh for DVD), audio L-R (+CVBS)
 - Video CVBS, audio L-R
 - AV 2 :
 - Video CVBS, audio L-R
 - S-Video (Y/C)
 - AV 3 :
 - See Side connectors
 - AV 4 :
 - YPbPr (cinch) input for 2Fh 1080i and 480p display or HD devices + audio L-R
 - R/G/B/H/V via DB15 + audio L-R
- Monitor out:
 - Video CVBS out, audio L-R out

Miscellaneous

- Ambient temperature : +5/+45°C
- Mains : AC 110V ±10%
- Power consumption: <150W (normal operation) ; Stand by: 0,8W
- Product: dimensions : 31"W x 23.2"H x 19"D
- Product weight: 99.2 lbs.
- Carton dimensions : 34.2"W x 27.4"H x 23.3"D
- Carton weight 121 lbs
- UPC: x xxxxx xxxxx x

Active Control, AutoPicture, AutoSound, AutoSurf, CrystalClear, Easy Tune, Incredible Surround, and RealFlat are trademarks of Philips Consumer Electronics Company.

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