

30" Digital Widescreen HDTV Monitor



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



Let's make things better.



PHILIPS

30" Digital Widescreen HDTV Monitor

30PW8520

Product highlights

Black Matrix RealFlat™ picture tube

Undistorted and reflection free picture for maximum viewing comfort. DAF (Dynamic Astigmatic Focus) brings 2-dimensional focus alignment for optimal picture quality.

Active Control™

Continuous analysis of incoming signal and optimization of picture color, sharpness, contrast and digital noise reduction 60X every second. The best picture settings are made automatically while the demo menu shows real-time adjustments to key parameters based on picture content and source.

Eye Fidelity

Gives the viewer the choice between different line doubling and scanning techniques, progressive or interlaced. The user selectable modes optimize based on picture content; progressive scan for still or slow moving images or interlaced for fast changing video, reducing motion artifacts like jagged edges and stair stepping

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 special and temporal filtering to eliminate cross color and cross luminance with excellent diagonal resolution

2PH 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.

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- 6 Wide Screen Modes- 4:3, zoom 14:9, zoom 16:9, Subtitle zoom, super wide, widescreen
- 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: ECU-EMG

Picture

- Visible screen size: 30"
- Picture tube: RealFlat™ 16:9
- 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: HiFi Stereo
- Virtual Dolby® Surround processing
- Incredible Surround
- Sound Output : 2 x 10W
- Frequency response: 20Hz-20kHz, +1/-3dB (ampl.)
- AutoSound control
 - Theatre, Voice, Music, Personal
- Control : Volume, Bass, Treble, and Balance AVL (on/off), Headphone
 - volume, balance

Operation

- Easy menu driven installation and operation. Direct access menus and cursor control.
- Selection of 3 menu languages
 - English, French, Spanish
- 100 pre-selections
- Onscreen status display (OSD) on programs and functions

- SleepTimer and Timer
- AutoLock™ to protect young kids from objectionable programming with V-chip technology
- Favourite 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)
- Colour transmission system off-air : - NTSC M
- NTSC video playback
- Channels selections: 100 channels
- Aerial input: 75 Ohm (F-threaded)

Remote

- RC type: RC 2017
- 41 control keys

Connectivity

- Side
 - S-Video in (Y/C)
 - video CVBS (cinch)
 - audio L/R-in (cinch)
 - with automatic mono switching
 - headphone jack 3.5mm
- Rear
 - Antenna input : 75Ohm (F-pin)

- 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 1080i and 480p display + audio L-R (1080i YPbPr used with ATSC)
 - 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: <210W (normal operation) ; Stand by : 0.8W
- Product dimensions: 35"W x 23.5"H x 21.5"D
- Product Weight: 123.0lbs
- Carton dimensions: 39.5"W x 28.5"H x 28"D
- Carton Weight: 140.0lbs
- UPC: 0 37849 92174 6

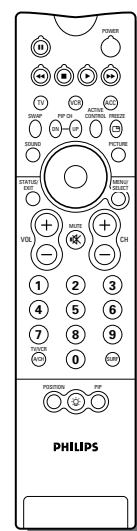
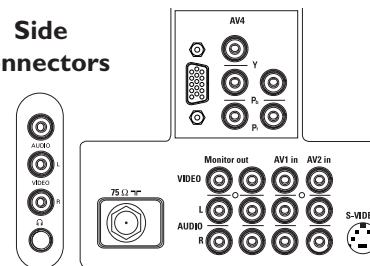
Manufactured under license from Dolby Laboratories. 'Dolby' and the double D symbol are trademarks of Dolby Laboratories.

Printed in the U.S.A.
©2001 Philips Consumer Electronics Co.
A Division of Philips Electronics North America Corp.
Philips Consumer Electronics Co.
Website: www.philipsusa.com

Specifications subject to change without notice.
1 Line per picture width. 600 based on EIA measurement procedures.

Back connectors

Side connectors



Let's make things better.



PHILIPS