

# 30" Digital WideScreen HDTV Monitor



**MATCH**  **LINE**

- **PixelPlus™ resolution enhancement**
- **Digital Natural Motion™**
- **RealFlat™ picture tube**
- **Progressive Scan with Eye Fidelity**
- **3D Y/C comb filter**
- **Digital CrystalClear™**
- **HD component input**
- **Double Window, Two-Tuner PIP**
- **AutoScreen™ Fit**
- **3D Surround (Dolby® Pro Logic capable)**
- **Active Control™ with ambient light sensor**
- **Dynamic graphical user interface**



*Let's make things better.*



**PHILIPS**

# 30" Digital WideScreen HDTV Monitor

# 30PW9818

## Product highlights

**PixelPlus™** creates near High Definition (HD) performance inside the TV on the basis of a regular input signal. By doubling the number of lines and the number of pixels per line, PixelPlus™ enhances both regular broadcasts and DVD input for unparalleled sharpness and depth.

**Digital Natural Motion™** offers razor-sharp reproduction of movement and motion. The unique and highly advanced processing calculates motion trajectories of moving picture elements. It corrects jerky movement from both studio programs or movie material.

**30"V RealFlat™ Widescreen picture tube.** Undistorted and reflection free picture. Scaven and DAF (Dynamic Astigmatic Focus) for excellent picture quality.

**Progressive Scan with Eye Fidelity** doubles the number of visible picture lines per field. A jitter-free and quiet picture with astonishing sharpness.

**3D Y/C comb filter** Uses spatial and temporal filtering to eliminate cross color luminance with improved diagonal resolution.

**Digital CrystalClear™** with Dynamic Contrast, SVM, Comb filter, 9-bit processing, luminance enhancements and color enhancements (LTP2). Offer a crisp and natural picture from any type or quality of source.

**Dual HD component input and full 1080i** resolution display for connection to high definition input.

**Double Window, two-tuner PIP** with second tuner Double Window. Single PIP (free positioning), 3 fold and 6 fold side PIP's. Also offers photofinish, freeze Main and freeze PIP. Replay lets you play back the previous few seconds in a PIP screen: if you missed the action, replay it as much as you want.

**AutoScreen™ Fit** will display programs from any aspect ratio (up to 16:9), filling the complete screen without apparent distortions.

**Active Control™** Continuous picture analysis and control of: Automatic Digital Noise Reduction, Auto Sharpness, Auto Color, Auto Dynamic Contrast, Ambient light sensor. Automatically offers the best picture setting in three levels: off, min, max. A demo menu shows you, based on the picture content, the real-time adjustments of 5 parameters.

**3D Surround** is based on Dolby® Pro Logic signals and creates Virtual rear speakers. Full surround experience without the need to connect rear speakers. Includes the integrated center speaker.

**Dolby® Pro Logic decoder (Full DSP) built in** Offers full surround experience with minimum of installation. The integrated center speaker gives best possible position for dialog reproduction. Separate surround outputs.

**'TV is Center'** reproduction option. All TV speakers play as center. Dolby® processed outputs for L, R and Surround via conventional stereo amplifier.

**Powerful 4x15W RMS amplifier** built in. Active subwoofer with DBE (Dynamic Bass Enhancement) and full digital sound processing. Powerful reproduction from six built in speakers.

**AutoPicture™ and AutoSound™** modes. Easy setting via direct RC keys.

**AutoSurf™ list.** Add your favorite channels and switch through them with one button click.

**Dynamic Graphical User Interface.** Easy and intuitive operation through feedforward and backtracking display. 8 Directional thumbpad cursor control. Full menu control of all through layered menus. Easy control of most used features through daily menus.

**Zoom 16x (4x, 9x).** Cursor movable zoom window.

**Multi system and Universal Codes Remote Control** Transparent keys with backlighting. Thumbpad cursor and matching color finish.

**YPbPr inputs** for best DVD reproduction.

**Three menu languages,** English, French, Spanish.

## Technical specifications

### Picture

- Visible screen size: 30"
- Picture tube: RealFlat™ 16:9
- Anti reflex and anti static coating
- Daf CRT gun
- Image stability: 60Hz Progressive Scan - PixelPlus - Digital Natural Motion
- S-Video display
- AutoPicture™ control (5 modes)
  - soft, natural, rich, personal, multimedia
- Picture tilt control
- Brightness, contrast, tint, hue, sharpness, color control
- Scan mode : interlaced or progressive
- 3D Y/C comb filter

### Sound

- Sound system: 6 speaker HiFi Stereo
- Output : 4x15W RMS (@10%THD) (L, R, C, subwoofer)
- BTSC stereo
- Frequency response: 20Hz-20kHz, +1/-3dB (ampl.)
- AutoSound™ control
  - movie, speech, music, personal, multimedia
- 'TV is Center' setup (with ext. HiFi system)
- Surround speakers not included

## Operation

- Dynamic graphical user interface. Easy and intuitive operation through feedforward and backtracking display.
- Full menu control of all functions through layered menus.
- Easy control of most used features through daily menus.
- Selection of 3 menu languages
- Onscreen status display for channels and functions (OSD)
- Sleep timer up to 180 minutes.
- AutoLock™ to protect young kids from objectionable programming with V-chip technology
- Favourite channel selection and Surf™ loop
- Onscreen menu display:
- Active Control™ demo menu indicating real time picture settings
- Closed Captioning
- Dealer Link : wireless communication for installation and service.

## Remote Control

- Backlit keys and bi-color LED indicators
- System control for TV, VCR, Cable, Sat, HD, DVD, CD, AMP

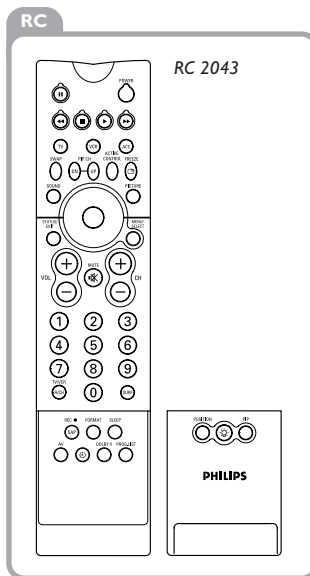
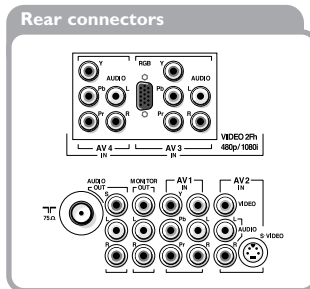
## Connections

- 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 : - YPbPr (cinch) input for 1080i and 480p display + audio L-R
    - R/G/B/H/V via DB15 + audio L-R
  - AV 4 : - YPbPr (cinch) input for 1080i and 480p display + audio L-R
  - Monitor out:
    - Video CVBS out, audio L-R out
  - Sound out:
    - 2 audio out L-R, Constant/Variable level
    - 1 surround sound out, Variable level

## Miscellaneous

- Ambient temperature : +5/+45°C
- Mains : AC 110V ±10%
- Power consumption: <210W (normal operation) ; Stand by : 0,8W
- Weight : 123.5 lbs (excl. packaging)
- Dimensions (WxHxD):
  - product : 34.9x22.4x21.5 in. (excl. connectors)
  - carton : 38x28.5x29.5 in.

UPC : 0 37849 92169 2



Internet address  
<http://www.philips.com>

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