

30" Digital WideScreen HDTV Monitor



MATCH **LINE**

- RealFlat™ picture tube
- Progressive scan with Digital Natural Motion™
- 3D Y/C comb filter
- Digital CrystalClear™
- HD component input
- Double window, two-tuner multi-PIP
- AutoScreen™ Fit and WideScreen Plus
- 3D Surround (Dolby® Pro Logic capable)
- Active Control™ with ambient light sensor
- Dynamic graphical user interface
- Zoom (16x)



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PHILIPS

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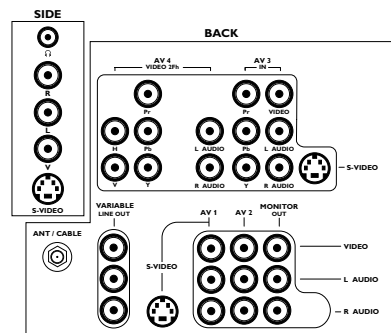
Product highlights

- **30"v RealFlat™ WideScreen Picture Tube.** Undistorted and reflection free picture. Quadruple deflection and DAF (Dynamic Astigmatic Focus) for excellent picture quality.
- **60Hz Progressive Scan** doubles the number of visible picture lines per field. A jitter-free and quiet picture with astonishing sharpness.
- **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. Additionally it has a very advanced noise reduction. Smooth motion reproduction, excellent sharpness and detail, and a brilliant, non-flickering picture.
- **Digital CrystalClear™** with Dynamic Contrast, SVM, comb filter, 9-bit processing, luminance enhancements and color enhancements (LTP2). Offers a crisp and natural picture from any type or quality of source.
- **AutoScreen™ Fit** will display programs from any aspect ratio (4:3 up to 21:9) full screen without apparent distortion.
- **WideScreen Plus** line interpolation for enhanced resolution and picture quality. The adaptive zoom will calculate and insert extra picture lines where necessary for a fully filled and sharp picture.
- **2Fh Input and Full 1080i Resolution Display** for connection to high definition input.
- **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.
- **3D Surround** is based on Dolby® Pro Logic signals and offers virtual rear speakers. Full surround experience without the need to connect rear speakers. Includes the integrated center speaker.

- **Powerful 4x15W RMS Amplifiers** built in. Active subwoofer with DBE (Dynamic Bass Enhancement) and full digital sound processing. Powerful reproduction from six built-in speakers.
- **3D Y/C Comb Filter.** Uses spatial and temporal filtering to eliminate cross color luminance with improved diagonal resolution.
- **Multi-PIP with Second Tuner, Double Window, and Active Mosaic.** Single PIP (free positioning), 3-fold and 8-fold side PIPs, 12-fold full screen multi-PIP. Active Mosaic lets you navigate by cursor through the PIPs and makes the selected image live. Swap this selection to Main picture. 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.
- **Active Control™.** Continuous picture analysis and control of Automatic Digital Noise Reduction, Auto Sharpness, Auto Color, Auto Dynamic Contrast, and Ambient light sensor. Automatically offers the best picture setting in three levels: off, min, and max. A demo menu shows you, based on the picture content, the real-time adjustments of 5 parameters.
- **AutoPicture™ and AutoSound™ Modes.** Easy setting via direct RC keys.
- **Dynamic Graphical User Interface.** Easy and intuitive operation through feed-forward and backtracking display. Eight directional thumbpad cursor control. Full menu control of all functions through layered menus. Easy control of most used features through daily menus.
- **AutoSurf™ List.** Add your favorite channels and switch through them with one button click.
- **Zoom 16x (4x, 9x).** Cursor movable zoom window
- **Multi System and Universal Codes Remote Control.** High gloss transparent keys with backlighting. Thumbpad cursor and matching color finish.
- **YPbPr Inputs** for best DVD reproduction
- **Three Menu Languages:** English, French, Spanish

Supporting Features

- Digital Color Transient Improvement (CTI)
- Viewing modes: 4:3, Movie Expand 14:9 & 16:9 (with scroll), Subtitle zoom (with scroll), WideScreen, Auto format including AutoScreen™ fit: automatic perfect fit by adaptive zoom in both directions
- Channel Memory
- Low power standby
- 60W RMS music output
- 3 midrange speakers, 2 dome tweeters, one bass reflex subwoofer
- Independent headphone volume control



Technical specifications

Chassis

- Type: FL9a MG

Picture

- Visible screen size: 30"
- Picture tube: RealFlat™ 16:9
- DAF CRT gun and quadruple deflection
- Image stability: 60Hz Progressive Scan - 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 (with Digital Natural Motion™).
- 3D Y/C Comb Filter
- Anti-reflex and Anti-static coating

Sound

- Sound system: 6 speaker Hi-Fi stereo
- Output (total): 4 x 15 W RMS (@10% THD) (L,R,C,Subwoofer)
- BTSC stereo
- Frequency response: 20Hz - 20kHz, +1/-3dB (ampl.)
- Loudspeakers:
 - 2 x Midrange 2x6"
 - 2 x tweeter 12mm
 - 1 x subwoofer 5"
 - 1 x center speaker 2x6"
- AutoSound™ control
 - movie, speech, music, personal, multimedia
- "TV is center" setup (with ext. Hi-Fi system)
- Surround speakers not included

Operation

- Dynamic Graphical User Interface. Easy and intuitive operation through feed-forward 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™ - Protect young children from harmful programming with V-chip technology based on the Motion Picture Association of America (MPAA) and the network television rating systems.
- Favorite channel selection and Surf™ loop
- Onscreen menu display: Picture menu, Sound menu, Channels menu, Speakers menu, General settings menu, Install menu, Source menu.
- Active control demo menu indicating real time picture adjustments
- Closed Captioning
- Dealer Link; wireless communication for installation and service.

Reception

- Tuning system: PLL
- Color transmission systems
- Off-air: NTSC M
- NTSC video play back
- Channel selections: 125 channels
- Aerial input: 75 Ohm (F-threaded)

Remote Control

- RC type: RC2043
- High gloss cursor pad
- Backlit keys, transparent "high gloss" buttons and improved button "click"
- System control for TV, VCR, Cable, Sat, HD, DVD, CD, AMP
- Universal codes for most available brands. Direct code programming or automatic search function
- Bi-color LED indicators

Connections

- Side
 - S-Video in
 - Video CVBS-in (cinch)
 - Audio L/R-in (cinch) with automatic mono switching
 - Headphone jack 3.5mm
- Rear Inputs:
 - AV1: Audio L-R, Video CVBS + S-Video with auto selection and auto image format detection
 - AV2: Audio L-R, Video CVBS
 - AV3: Audio L-R, Video CVBS + S-Video + YPbPr (1Fh for DVD) with auto selection and auto image format detection
 - AV4: YPbPr and R/G/B/H/V input. 2Fh at 1080i and 480p, (with auto selection) for HD devices. Incl Audio L-R.
- Rear Outputs:
 - Monitor out: Video CVBS + Audio L-R
 - Sound out: 2 audio-out L-R (cinch) Constant/Variable level, 1 surround sound out (cinch), variable level (speakers not included)

Miscellaneous

- Ambient temperature: +5/+45°C
- Mains: AC 110V ± 10%
- Power consumption: <210W; Stand-by, 1.6W
- Weight: 123 lbs (excl. packaging)
- Dimensions (wtxhxd): (excl. connections) 35 x 23.5 x 21.5 inches
- Carton weight: 140 lbs
- Carton dimensions (wtxhxd): 39.5 x 28.5 x 28 inches

UPC: 0 37849 XXXXX X

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RC2043

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