

Superior picture quality

with the latest Plasma technology in a stunning design

The ultimate Flat TV that offers Digital Natural Motion picture quality with the latest Plasma technology, packed in a stunning design that enhances your interior. This Flat TV is the ideal centerpiece for any home entertainment set up.

Razor sharp images

- State-of-the-art Digital Natural Motion for smooth yet sharp movement
- 3D combfilter ensuring perfect color separation in the finest detail
- Active Control™ Plus+ with light sensor continually optimizes the best picture settings
- Latest High Definition plasma technology, resolution: 1024 x 1024i

Slim and flat design that complements any interior

- Sophisticated design with quality finishing
- So slim you can mount it on the wall

Superb sound reproduction

- Sleek integrated speakers with WOOX technology and dome tweeters
- Virtual Dolby Surround that enhances your sound experience

Advanced connectivity

- The most modern and highest quality HDMI connectivity



PHILIPS

Technical specifications

Picture

- Screen Size: 42" (107cm)
- Visible Screen Size: 107cm
- Aspect ratio: Widescreen
- Display: Plasma panel
- Resolution: 1024 x 1024i
- Brightness: 1100 cd/m2
- Contrast Ratio: 1000:1
- Viewing Angles 160H/160V
- Anti-Aging Circuit
- Anti Reflex Coated Screen
- Progressive Scan
- Digital Natural Motion
- Digital Crystal Clear
- Jagged Line Suppression
- 3D Combfilter
- Active Control Plus+ with Light Sensor
- Widescreen Plus

Sound

- Sound Power: 2x15 W RMS
- Virtual Dolby Surround
- 2 woofers with wOOx and 2 dome tweeters
- Digital Signal Processing
- TV as Center Speaker Mode

Ease of Use

- Plug & Play
- 120 channels (cable and terrestrial)
- Auto Tuning & Channel Installation ATS
- Compass Graphical User Interface
- Backlit Controls
- RC 4306 Universal RC for VCR/DVD/DVD-R/SAT/ CABLE/AMP
- 6 Widescreen Modes
- Subtitle and Heading Shift
- Auto Format/Auto Screen Fit (incl. WSSB)
- Picture Freeze
- Direct Program List
- 6 Smart Picture Settings
- 4 Smart Sound Settings
- Smart Clock/On & Sleep Timer (240min.)
- Smart Lock (Child lock + Parental Control)
- Vchip Parental Control

Information

- Closed Captioning full text

Connections

- Side Connectors: S-Video Y/C in
Video CVBS in (cinch)
Audio L/R in (cinch)
Headphones out (3,5mm jack)
- AV 1: Component Video in YPbPr (1, 2, 3Fh auto ranging), Y/C and CVBS in, Audio L/R (cinch)
- AV 2: Component Video in YPbPr or RGB/HV (1, 2, 3Fh), Y/C and CVBS in, Audio L/R (cinch)
- AV 3: HDMI (Digital Stream, SP DIF, DVI compatible), Audio L/R in (cinch)
- Monitor out CVBS (cinch), Audio L/R (cinch)
- Audio out L/R (cinch)
- Center Channel in (cinch) for connection to a Home Cinema system
- Subwoofer out (cinch)

Reception

- Tuning-system: PLL Digital Tuning
- Tuner: VHF, UHF, S-Channel, Hyperband
- Aerial Input: 75 Ohm Coaxial (F-type)
- TV System: NTSC
- Video Playback: NTSC

Supported Display Resolutions

Standard	Resolution	Refresh Rate
VGA	640 x 480	60Hz
SVGA	800 x 600	60Hz

Video Formats

640 x 480i@60Hz	- 1Fh
640 x 480p@60Hz	- 2Fh
720 x 576i@50Hz	- 1Fh
720 x 576p@50Hz	- 2Fh
1920 x 1080i@50 & 60Hz	- 2Fh
1920 x 1152i@50Hz	- 2Fh

Miscellaneous

- Ambient Temperature +5/+40°C
- Mains: AC 110-120V, 60Hz
- Power Consumption:
Normal Operation 450W, Stand by <2W
- Set Weight : ±95.6 lbs.
- Weight Incl. Packaging: ±119 lbs.
- Set Dimension (WxHxD):
43.5"W x 30.6"H x 3.9"D
- Box Dimension (WxHxD):
46.9"W x 38"H x 11.7"D
- HDMI to DVI conversion cable included
- Wall mounting brackets included
- Designer table top stand included
- Vesa standard

Product highlights

Flat, Slim, Wide

True flat multimedia TV which can be mounted on the wall like a painting.

Plasma Panel

State-of-the-art plasma screen technology enabling brilliant flicker-free picture with optimum brightness and superb colors.

Digital Natural Motion

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and movie material (DVD). Smooth motion reproduction and excellent sharpness are the result.

Digital Crystal Clear

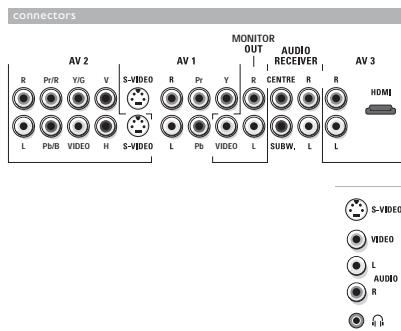
A unique package of picture innovations including Combfilter, Dynamic Contrast, Color Enhancement and Luminance Transient Processing. Digital Crystal Clear, using 10 bit processing, offers 30% more contrast, natural colors and a high level of detail.

Active Control Plus+

Active Control Plus+ automatically analyzes, 50 times per second, the incoming signal and adjusts the key picture settings on Sharpness, Digital Noise Reduction, Color and Contrast. The ambient light sensor adjusts the settings according to the viewing conditions in the room. Active Control Plus+ thus offers the best possible picture settings any time, any source.

Virtual Dolby Surround

Dolby processing circuitry for an enhanced cinema surround sound effect without the need for rear speakers.



UPC 0 37849 94591 9

Date of issue 2004-05-13
Printed in USA 2004-05-21

Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing, Inc.

Specifications are subject to change without notice.
Trademarks owned by Royal Philips Electronics.

2004 © Royal Philips Electronics - All rights reserved.

