

The ultimate viewing experience

of Pixel Plus 2 and Ambilight

The ultimate viewing experience of Ambilight and Pixel Plus 2 pushes Picture Quality to new levels. The unprecedented viewing comfort of Ambilight, latest Plasma Display technology, packed in a stunning design that enhances your interior:

See it as an Eyewitness

- Pixel Plus 2 Technology for more and better details
- 3D combfilter ensuring perfect colour separation in the finest detail
- Full active control with light sensor adjusts best possible picture settings

Add a new dimension to your viewing

- Adjustable Ambilight for a relaxing sensorial experience
- State of the art Digital Natural Motion for smooth yet sharp movement
- Latest High Definition plasma technology, resolution: 1365 x 768p

Real beauty lies in the detail

- The soft glow of the ambient light makes the design stand out in a subtle way
- Sophisticated design with a distinctive finishing

Immerse yourself

- 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 DVI-i connectivity



Technical specifications

Picture

- Screen Size: 50" (127cm)
- Visible Screen Size: 127cm
- Aspect ratio :Widescreen 16:9
- Display : HD Plasma
- Resolution : 1365 x 768p
- Brightness : 900 cd/m²
- Contrast Ratio : 1000:1
- Viewing Angles 160H/160V
- Anti-Ageing Circuit
- Anti Reflex Coated Screen
- Pixel Plus 2
- Movie Plus
- Progressive Scan
- Digital Natural Motion
- Jagged Line Suppression
- 3D Comb Filter for PAL
- Digital Crystal Clear
- Active Control + Light Sensor
- Widescreen Plus

Ambilight

- Auto adaptive to video content
- Full multi colour range
- Dimming : manual or via Light Sensor
- Preset Modes :
 - 6 presets of which 2 active adaptive
 - 1 user definable preset
- Full operation in Stand by
- Efficient low energy lamps

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
- 100 preset channels
- Auto Tuning & Channel Installation ATS/ACI
- Compass Graphical User Interface
- Backlit Local Controls
- RC4302 for Philips VCR/DVD/DVD-R/SAT (rc5 and rc6) AMP/TUNER/CD/CD-R
- 6 Widescreen modes
- Subtitle and Heading Shift
- Auto Format / Auto Screen Fit (incl. WSSB)
- Full DualScreen with 2 tuners
- Picture Freeze / Replay / Mosaic
- Direct Program List
- 6 Smart Picture Settings

- 4 Smart Sound Settings
- Smart Clock / On & Sleep Timer (240mn)
- Smart Lock (Child lock + Parental Control)
- CinemaLink P50.3
- EasyLink+, NextViewLink

Connections

- Side Connectors: S-Video Y/C in
Video CVBS in (cinch)
Audio L/R in (cinch)
Headphones out (3,5mm jack)
- EXT 1 : CVBS in/out, RGB, Audio L/R (scart)
- EXT 2 : CVBS in/out, Y/C, RGB, Audio L/R (scart)
- EXT 3 : CVBS in, Audio L/R (scart)
- DVI-i (Digital Stream, RGB-HV, HDMI compatible)
- Audio out L/R (cinch)
- Centre Channel in (cinch) for connection to a Home Cinema system
- Subwoofer out (cinch)

Information

- 1200 page Hypertext with Habit Watch
- Program information Line
- NextView 3

Reception

- Tuning system: PLL Digital Tuning
- Tuner: VHF, UHF, S-Channel, Hyperband
- Aerial Input: 75 Ohm Coaxial (IEC75)
- TV System : PAL/NTSC
- Video playback : PAL / NTSC

Supported Display Resolutions

Standard	Resolution	Refresh rate
VGA	640 x 480	60 Hz
SVGA	800 x 600	60 Hz
XGA	1024 x 768	60Hz
WXGA	1280 x 768	60Hz

Miscellaneous

- Ambient temperature +5 --+ 40°C
- Mains: AC220 - 240 V +/-10 %
- Power consumption: normal operation 600W
Stand by 2W (tbc)
- Set Weight: ±58kg
- Weight Incl. Packaging: ±70kg
- Set Dimension (WxHxD): 1275x880x98mm
- Box Dimension (WxHxD): 1360x1074x340mm
- Wall Mounting Brackets included
- Designer Table Top Stand (Optional)
- Designer Floor Stand (Optional)

Product highlights

Flat, Slim, Wide

True Flat Multimedia TV which can be mounted on the wall like a painting.

Plasma High Definition Panel

State of the art plasma screen technology enabling brilliant flicker free picture with optimum brightness and superb colours. This vibrant and sharp image will offer you the enhanced viewing experience.

Pixel Plus 2

Pixel Plus is a digital picture processing feature which improves the resolution of still and moving pictures. Pixel Plus 2 technology does more than adding pixels, it also makes the pixels better, resulting in the ultimate sharpness and incredible picture depth every time from every source. It does not only improve the resolution but also the colour reproduction, resulting in the finest colour details and superior brilliance.

Ambilight

The full colour Ambilight offers you relaxed viewing and a unique ambiance via a soft glow of light on the wall surrounding the TV. Research has proven that watching television with adapted ambient lighting will improve and relax TV viewing. The automatic adaptation of the Ambilight colours with the images on the screen will maximise the viewing experience. The light can also be switched to fixed colours and different shades of white. In standby mode the lights can be operated to any colour and create a unique ambiance in the room.

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.

Full Active Control

Active Control automatically analyses, 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 thus offers the best possible picture settings any time, any source.

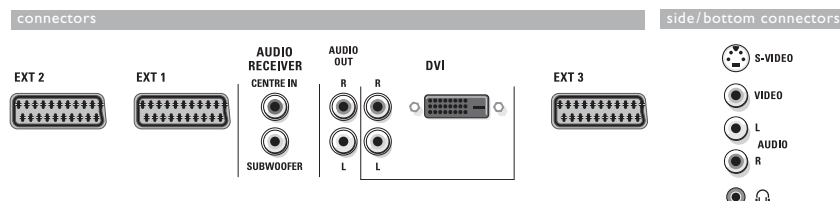
Virtual Dolby Surround

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

1200 Page HyperText & Wordsearch

Advanced Teletext featuring based upon the new Compass GUI with navigation functions Wordsearch and HyperText. In HyperText select any word within the teletext magazine and this system will find all other mentions of this word within teletext for that channel. Wordsearch is similar but you have the freedom to type in, using the remote control, a word of your choosing.

stereo system					transmission system						
2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
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Predecessor : —

Chassis : EMG Top

Introduction : Year 2004

