

# 50" Flat-TV

**MATCH**  **LINE**

**FLATV™**



- Plasma HD Panel
- Digital Natural Motion
- Digital Crystal Clear
- Widescreen Plus
- Active Control
- Compass Graphical User Interface
- Cinema Link
- 1200 Page Hypertext
- Full Dual Screen
- Depth 11cm
- Wall mounting kit
- Optional Table Top Stand



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**PHILIPS**

# 50" Flat-TV



## Technical specifications

### Picture

- Screen Size: 50" (127 cm)
- Visible Screen Size: 127 cm (50")
- Aspect ratio 16:9
- Display : Plasma High Definition Technology
- Resolution 1365x768 (x3) pixels
- Brightness: 600 cd/m<sup>2</sup>
- Contrast Ratio: 400:1
- Viewing Angles 160h/160V
- Anti Reflex Coated Glass Screen
- Digital Natural Motion
- Digital Crystal Clear
- Active Control
- Widescreen Plus

### Sound

- Digital Signal Processing
- Separate Headphone Volume

### Ease of Use Installation

- 100 preset channels
- Autostore
- Fine Tuning
- Sorting
- ATS / ACI

### Ease of Use Utilisation

- Compass Graphical User Interface
- RC20XX (suitable for VCR/DVD/SAT/AUDIO)
- RC19335009 (Executive Commander second Remote Control)
- Smart Picture Control :  
Soft, Natural, Rich, Multimedia, Personal
- Smart Sound Control :  
Movie, Speech Music, Personal
- AVL
- Dual I-II
- 6 Wide screen modes :  
4:3, Zoom 14:9, Zoom 16:9
- Subtitle Zoom, Super Zoom, Widescreen
- Subtitle and Heading shift
- Autoformat / Autoscreen fit (incl. WSSB)
- Smart Clock
- Sleep Timer (up to 180mn)
- Child Lock
- Picture Freeze and Replay
- Zoom 16x

## Connections

### E-Box

#### Front

- S-Video Y/C (mini-DIN) in
- Video CVBS (cinch) in
- Audio-L/R (cinch) in
- Headphones(3.5mm jack) out

#### Rear

- Euro A/V Connector Ext1 (RGB in, CVBS in/out)
- Euro A/V Connector Ext2 (RGB in, S-Video in/out, CVBS in/out, WYSIWYR, Easy and Cinema Link)
- Euro A/V Connector Ext3 ( CVBS in)
- Euro A/V Connector Ext4 ( CVBS in)
- Audio/Video Component Ext5 (cinch 1fh YUV and Audio L/R) in
- Audio Monitor as Centre speaker (cinch) in
- Audio L/R out, constant level (cinch)
- VGA (15pin sub-D) + Audio L/R (cinch) in
- Monitor VGA (15p. sub-D) + Audio L/R (cinch) out

## Monitor

- VGA (15pin sub-D) in
- S-Video Y/C (mini-DIN) in
- Video CVBS (cinch) in
- Video BNC in
- Video Component (cinch 1fh YUV) in
- Video Component BNC (2fh G/Y, B/Pb, R/Pr, HD, VD) in
- Video Digital RGB (DIV Analogue/Digital) in
- RS232 (9pin sub-D): Service application only

## Information

- 1200 page Text level 2.5 with Habit Watch
- Hypertext : instant search via word and page catching
- Word Search : Free format searching in teletext data
- 2 Tuner - Full Dual Screen
- Mosaic Screen (Tuner Scan, Photo Finish)
- Program Information Line
- Page Link Program Guide (based on Teletext)
- Easy Link : Preset download, WYSIWYR, One Touch Record
- Cinemalink : Integrated Home Cinema system operation

## Reception

- Tuning system: PLL Digital Tuning
- Tuner :VHF, UHF, S-Channel, Hyperband (120 channels)
- Aerial input: 75 Ohm Coax (IEC75)
- TV System : See table
- Stereo system : See table
- Video playback : NTSC 4.43/3.58

## Multi media modes

Standard	Resolution	Refresh rate
VGA	640 x 480	60, 72, 75, 85 Hz
VGA	640 x 400	70 Hz
VGA	640 x 350	70 Hz
Wide VGA	856 x 480	60 Hz
Wide VGA	800 x 450	65 Hz
Wide VGA	1024 x 600	60 Hz
Wide VGA	1360 x 765	60 Hz
MAC	640 x 480	66.67 Hz
MAC	832 x 624	74.55 Hz
MAC	1024 x 768	74.93 Hz
MAC	1152 x 870	75 Hz
SVGA	800 x 600	56, 60, 72, 75, 85 Hz
XGA	1024 x 768	60, 70, 75, 85 Hz
SXGA	1280 x 1024	60, 72 Hz (Analogue)

## Miscellaneous

- Ambient temperature +5 --+ 40°C
- Maximum operating altitude: 2000 m
- Mains: Auto Voltage AC 95V-264V, 50/60Hz
- Power consumption: 595W normal operation (tbc)  
3W Stand by
- Weight - Monitor: 46 kg  
- E-Box: 4 kg
- Weight Incl. Packaging: 56 kg
- Set Dimensions (WxHxD)  
- Monitor: 1242x767x107 mm  
- E-box: 435x105x330 mm
- Box Dimension (WxHxD): 1390x915x500 mm
- TV Colour: Precision Silver (10888)
- 2m,5m VGA cables included
- Wall mounting bracket included
- 10 m VGA cable optional



## Product highlights

### Flat, Slim, Wide

True Flat Multimedia TV which can be hung 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.

### Digital Natural Motion

Building upon 100 Hz technology 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

Active Control automatically analyses, 50 times per second, the incoming signal and adjusts the key picture settings on Sharpness, Digital Noise Reduction, Color, Contrast and Picture Format. Active Control thus offers the best possible picture settings any time, any source.

### Compass GUI

The new Compass graphical user interface provides for easy and intuitive operation and installation through a dynamic display. Full control of all functions through clearly layered menus. Built in help function also provided.

### Cinemalink AV System Control

Philips Cinemalink allows for plug-and-play installation and easy operation via one Remote Control of a fully integrated Home Cinema system set up of video and audio components. Control of all components is done using the TV Remote Control and the TV screen menu. Included is TV center mode. The cinema-Go RC button will automatically activate all system peripherals in the correct configuration.

### 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.

### Full Dual Screen

The ability to watch simultaneously two different channels, either 2 programs or a combination with Teletext or NexTVView.

### Mosaic Screen

Able to show main picture surrounded by eight smaller pictures from other channels

version		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'
50PF9964	/12S	•	•	•	•	•	•	•	•	•	•	•	•

Predecessor :--

Chassis : MG-R FTV2.1 E-box; FTV2.5 Flat Monitor

Introduction : Year 2002

Features and specifications subject to change without notice

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