



Philips Matchline  
professional flat TV

107cm (42")  
plasma

42HF9442

## System Prepared Flat TV

Specially designed for in-room entertainment

This elegantly designed TV uses the latest Plasma technology offering superb contrast and brightness. Optional SmartCard XPress box available to enable easy integration of 3rd party interactive services.

### **Breathtaking natural pictures**

- Enhanced-definition plasma WVGA display, 852x480p
- Digital Crystal Clear provides vivid cinema-like images
- Active Control optimizes picture quality whatever the source

### **Advanced hotel features and future proof**

- Switch On Channel Programming
- Security Menu Access
- Front Controls Locking
- Volume limitation
- Welcome message on screen display
- Wireless SmartLoader for fast cloning

### **Interactive System Prepared, Future Proof**

- Optional extra Power Supply (12V)
- Serial Xpress™ Control interface
- SmartCard Xpress Box compatible for interactive systems

# PHILIPS

# Highlights

## Wireless SmartLoader

Provides the ability to copy easy and wireless all programming settings from one TV set into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

## Welcome message

A welcome greeting is displayed each time the TV set is switched on.

## Volume limitation

This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

## Front Controls Locking

Prevents unauthorised access to TV functions

## Switch On Channel Programming

Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.

## Security Menu Access

Provides conditional access to installation and configuration settings via a special code or master remote control

## SmartCard Xpress Box

The optional SmartCard Xpress Box can be mounted at the rear side of the TV set and allows third party decoders and application cards to interface with the TV adding new functionality to the TV. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.

## Optional extra Power Supply

The (optional) Extra Power Supply ensures operation of the Expansion Slot, the Clock Display and Wake-up Alarm when the TV set is switched off.

## Serial Xpress™ Control

The Serial Xpress™ Control interface is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions. Support UART and RS232 protocols.

## Upgradable software

The upgradable software architecture ensures that the TV is future proof and compatible with new technologies and developments, securing your investment.

## Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

## Plasma WVGA panel, 852 x 480p

This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

## Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 852 x 480p
- Brightness: 1000 cd/m<sup>2</sup>
- Contrast ratio (typical): 3000:1
- Picture enhancement: Digital Crystal Clear, Progressive scan, Comb Filter Digital, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus
- Display screen type: WVGA Plasma panel
- Response time (typical): 16 ms
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 160 degree
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 72, 75, 85Hz, 800 x 600, 56, 60, 72, 75,85Hz, 1024 x 768, 60Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

## Convenience

- Ease of Installation: PLL Digital Tuning
- Ease of Use: On Screen Display, Top Controls
- Clock: Sleep Timer
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Remote Control: TV
- Remote control type: RC2887
- Teletext: 10 page Smart Text

## Sound

- Output power (RMS): 2 x 15W
- Sound System: Virtual Dolby Surround
- Sound Enhancement: Smart Sound

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- AV 1: Audio L/R in, CVBS in, YPbPr(1Fh)
- Connectivity Enhancements: RJ12 connector, RJ45 connector
- AV 2: Audio L/R in, CVBS, S-Video Y/C
- Other connections: Analog audio Left/Right out, Antenna IEC75, HDMI, PC-in VGA + Audio L/R in

## Power

- Mains power: AC 90 - 276V +/- 10%
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 450 (tbc) W
- Standby power consumption: < 2 W

## Accessories

- Included accessories: Table top stand
- Optional accessories: Floor stand, Wall mounting bracket

## Dimensions

- Product weight: 42 kg
- Weight incl. Packaging: 47 kg



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