

Philips  
professional flat TV

42"  
plasma

42HF7443



## System Prepared Flat TV

with PixelPlus

This system prepared Plasma TV offers a razor sharp image with vivid colours and a large viewing angle. Combined with the optional SmartCard XPress unit, it is fully prepared for interactive services and in-room entertainment.

### **Slim, stylish design to complement your interior**

- Compact and slim design that fits in every room

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

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

### **Vivid, natural and razor sharp images**

- Pixel Plus for detail, depth and clarity
- Active Control optimises picture quality whatever the source

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

- Optional extra Power Supply (12V)

# PHILIPS

# Highlights

## Wireless SmartLoader

Provides the ability to copy all programming settings from one TV set to other TV sets easily and wirelessly 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 within which the TV set is allowed to operate, preventing excessive volume adjustments and disturbance of neighbouring 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 a predefined channel to be shown 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

## Battery Low Detection

This feature informs you of the need to replace the remote control batteries, preventing nuisance calls and unnecessary replacement of batteries.

## SmartCard Xpress Box

The optional SmartCard Xpress Box can be mounted at the back 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.

## Upgradable software

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

## Pixel Plus

Pixel Plus is a digital picture processing technology that increases the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time and from any source.

## Active Control

Active Control ensures that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting the picture setting over 3000 times per minute, Active Control Plus ensures that the viewing experience is optimised.

## Compact and slim design

This design style emphasises a slim, compact look that saves space and fits in anywhere.

# Specifications

## Picture/Display

- Aspect ratio: 16:9, Widescreen
- Diagonal screen size (inch): 42 inch
- Diagonal screen size (metric): 107 cm
- Panel resolution: 852 x 480p
- Brightness: 1500 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus, Digital Crystal Clear, Progressive scan, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Contrast Plus, Digital Noise Reduction, Jagged Line Suppression, Luminance Transient Improver, Sharpness Adjustment, Colour Enhancement, Colour Transient Improvement
- Contrast ratio (typical): 13000:1 (dynamic)
- Display screen type: WVGA Plasma panel
- Viewing angle (horizontal): 160 degree
- Screen enhancement: Anti-ageing circuit, Anti-Reflection coated screen

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 1024 x 768, 60, 70, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1280 x 1024, 60 Hz
- Video Formats: 640 x 480i - 1Fh, 640 x 480p - 2Fh, 720 x 576i - 1Fh, 720 x 576p - 2Fh, 1280 x 720p - 3Fh, 1920 x 1080i - 2Fh

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM, PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM L/L', SECAM D/K
- Number of Pre-set Channels: 125
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

## Convenience

- Ease of Installation: PLL Digital Tuning, Fine Tuning, Programme Name, Wireless Smart Loading, Advanced Hotel Mode
- Ease of Use: Smart Picture, Smart Sound, On-Screen Display, Side Control
- Clock: Sleep Timer
- Comfort: Hotel Guest features
- Screen Format Adjustments: Auto Format, 7 Widescreen Modes
- Remote Control: TV
- Remote control type: RC2886

- Teletext: 10-page Smart Text
- On-Screen Display languages: English, French, German
- VESA Mount: 800 x 400 mm
- Teletext enhancements: Fast text

## Sound

- Output power (RMS): 2 x 15 W
- Sound System: Virtual Dolby Surround, Nicam Stereo
- Sound Enhancement: Auto Volume Leveller

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- Connectivity Enhancements: RJ12 connector, RJ45 connector, HM-Link, SmartCard Xpress box ready
- Number of Scarts: 2
- Front/Side connections: S-video in, CVBS in, Audio L/R in, Headphones Out
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, S-video in
- Other connections: Antenna IEC75, DVI-I, PC Audio in

## Power

- Mains power: AC 220-240 V +/-10%
- Ambient temperature: 5°C to 40°C
- Power consumption: 450 W

## Accessories

- Included accessories: Power cord, Remote Control, User Manual, RF antenna cable, Wall mounting bracket
- Optional accessories: Wireless SmartLoader 22AV1120, Set up Remote RC2573GR

## Dimensions

- Set Width: 1240 mm
- Set Height: 680 mm
- Set Depth: 104 mm
- Box width: 1321 mm
- Box height: 939 mm
- Box depth: 330 mm
- Weight incl. Packaging: 47 kg
- Set weight: 42 kg



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