



Philips
professional flat TV

58 cm (23")
LCD

23HF9442

System Prepared Flat TV

Specially designed for in-room entertainment

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

Advanced hotel features and future proof

- Switch On Channel Programming
- Security Menu Access
- Front Controls Locking
- Volume limitation
- Welcome message on screen display
- Built-in FM radio
- External loudspeaker connector
- Wireless SmartLoader for fast cloning

Vivid, natural and razor sharp images

- High-definition LCD WXGA display, 1280 x 768p
- Digital Crystal Clear provides vivid cinema-like images
- Active Control optimizes picture quality whatever the source

Interactive System Prepared, Future Proof

- Additional integrated power supply

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

Built-in FM radio

The integrated FM radio offers guests additional comfort without the extra investment in radio receivers.

External loudspeaker connector

Amplified audio connector for easy installation of external speakers (like for bathrooms), eliminating the need for investments in external equipment

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.

Add. integrated power supply

The additional integrated power supply avoids the need for a separate power supply for an interactive system. In case of stand-alone use, the additional power supply can be switched off to save energy.

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.

LCD WXGA display, 1280 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you HD resolution of 1280 x 768p 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): 23 inch
- Diagonal screen size (metric): 58 cm
- Panel resolution: 1280 x 768p
- Brightness: 450 cd/m²
- Contrast ratio (typical): 400:1
- Picture enhancement: Digital Crystal Clear, Contrast Plus, Progressive scan, 2D Combfilter, 3/2 - 2/2 motion pull down, Color Transient Improvement, Color Temperature Adjustment, Digital Noise Reduction, Dynamic Contrast, Jagged Line Suppression, LTI, Luminance Transient Improver, Motion adaptive de-interlacing, Sharpness Adjustment
- Display screen type: LCD WXGA Active Matrix TFT
- Response time (typical): 25 ms
- Viewing angle (horizontal): 176 degree
- Viewing angle (vertical): 176 degree
- Screen enhancement: 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, 1280 x 768, 60Hz

Tuner/Reception/Transmission

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

Convenience

- Ease of Installation: Fine Tuning, PLL Digital Tuning, Program Name
- Ease of Use: FM Radio, Menu Control, On Screen

- Display, Program List, Smart Picture, Smart Sound
- Clock: Sleep Timer
- Clock Enhancements: Synchro Time via PDC/TXT
- Screen Format Adjustments: Full screen, Subtitle and Heading Shift, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Remote Control: TV
- Remote control type: RC2887
- VESA Mount: 100 x 100 mm
- Remote control: Zappa

Sound

- Output power (RMS): 2 x 5W
- Sound System: Mono, Stereo, Virtual Dolby Surround
- Music Power: 20 W

Connectivity

- AV 1: CVBS in, CVI
- Connectivity Enhancements: RJ45 connector, RJ12 connector
- AV 2: CVBS, S-Video Y/C
- AV 3: CVBS in, S-Video Y/C
- AV 4: DVI-D
- AV 5: Audio L/R in, DB15
- Other connections: Antenna IEC75, Component Video (YPbPr) input, Composite video (CVBS) input, DVI-D, FM Antenna, PC Audio in, D-Sub in (PC)

Power

- Mains power: AC 90V - 240V 50/60 Hz

Accessories

- Included accessories: Power cord, RF antenna cable, User Manual

Dimensions

- Product weight: 11.2 kg

