

Philips
professional flat TV

23"
LCD
HD Ready

23HF5473



Optional set-up
remote

System Prepared Flat TV

with Crystal Clear III

This LCD TV with integrated (alarm) clock offers a razor sharp image with natural, vivid colours. Combined with the optional SmartCard XPress unit, it is fully prepared for interactive services and in-room entertainment.

Breathtaking natural pictures

- HD Ready for the highest quality display of HD signals
- Crystal Clear III for natural images with enhanced quality

Advanced hotel features and future proof

- Switch On Channel Programming
- Security Menu Access
- Front Controls Locking
- Volume limitation
- Welcome message on screen display
- Integrated clock display with wake-up and message alarm
- Built-in FM radio
- Battery Low Detection for Remote Control
- External loudspeaker connector
- Wireless SmartLoader for fast cloning

PHILIPS

Highlights

Integrated clock display

The built-in clock display, which is also a wake-up alarm, eliminates the need for investment in an additional clock with cables and connections in the room. Automatic time synchronisation via teletext and preservation of alarm settings during short power outages further enhances guest comfort

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

Built-in FM radio

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

Battery Low Detection

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

External loudspeaker connector

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

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.

Add. integrated power supply

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

Upgradable software

The upgradable software architecture ensures that the TV is future proof and compatible with

new technologies and developments, securing your investment.

Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colours.

HD Ready



Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

Specifications

Picture/Display

- Aspect ratio: 16:9, Widescreen
- Diagonal screen size (inch): 23 inch
- Diagonal screen size (metric): 58 cm
- Panel resolution: 1366 x 768p
- Brightness: 500 cd/m²
- Picture enhancement: Progressive scan, 2D Combfilter, Sharpness Adjustment, Active Control, Crystal Clear III, Colour Enhancement
- Contrast ratio (typical): 450:1
- Display screen type: LCD WXGA Active Matrix TFT
- Response time (typical): 16 ms
- Viewing angle (horizontal): 140 degree
- Viewing angle (vertical): 125 degree
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

- Computer formats: 1280 x 768, 60 Hz, 640 x 480, 60, 67, 72, 75 Hz, 720 x 400, 70 Hz, 800 x 600, 56, 60, 72, 75 Hz, 832 x 624, 75 Hz, 1024 x 768, 60, 70, 75 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, FM
- TV system: PAL, PAL B/G, PAL D/K, PAL I, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Number of Pre-set Channels: 125
- Video Playback: NTSC, PAL, SECAM
- Tuner Display: PLL

Convenience

- Ease of Installation: Fine Tuning, PLL Digital Tuning, Programme Name, Wireless Smart Loading, Advanced Hotel Mode
- Ease of Use: Smart Picture, Smart Sound, FM Radio, Side Control
- Clock: Sleep Timer, Wake-up Clock, Integrated LCD Clock Display
- Clock Enhancements: Synchro Time via PDC/TXT
- 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: 100 x 100 mm
- Teletext enhancements: Fast text

Sound

- Output power (RMS): 2 x 5 W
- Sound System: Nicam Stereo, Virtual Dolby Surround
- Sound Enhancement: Auto Volume Leveller

Loudspeakers

- Built-in speakers: 2

Connectivity

- Connectivity Enhancements: RJ12 connector, RJ45 connector, External Loudspeaker connector, HM-Link, Extra Power supply 12 V/1 W, SmartCard Xpress box ready
- Number of Scarts: 1
- Front/Side connections: S-video in, Audio L/R in, CVBS in, Headphones Out
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Other connections: Antenna IEC75, DVI-I, PC Audio in

Power

- Mains power: AC 90-240 V
- Ambient temperature: 5°C to 40°C
- Power consumption: 92 W

Accessories

- Included accessories: Tabletop stand, Power cord, Remote Control, User Manual
- Optional accessories: Wireless SmartLoader 22AV1120, Set up Remote RC2573GR

Dimensions

- Set Width: 716 mm
- Set Height: 375 mm
- Set Depth: 98 mm
- Box width: 780 mm
- Box height: 551 mm
- Box depth: 210 mm
- Weight incl. Packaging: 11.3 kg
- Width (with base): 716 mm
- Height (with base): 420 mm
- Depth (with base): 195 mm
- Set weight: 8.8 kg

