



Philips  
professional flat TV

23"  
LCD

23HF5474



## Hospitality Flat TV

with built-in clock and FM-radio

This widescreen HD LCD TV with integrated (alarm) clock offers a stack of dedicated features which enhance guest comfort and keep total cost of ownership down. The optional SmartCard Xpress unit makes this TV fully system prepared.

### Best total cost of ownership

- Wireless SmartLoader for fast cloning
- Integrated clock display with wake up and message alarm
- Built-in FM radio
- External loudspeaker connector
- Front/Side controls locking
- VESA mounting compatible

### System ready and future proof

- SmartCard Xpress Box compatible for interactive systems
- Additional integrated power supply

### Maximum guest comfort

- Volume limitation
- Welcome message on screen display

### Great viewing experience and guest comfort

- HD Ready for the highest quality display of HD signals

# 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.

## Integrated clock display

The built-in clock display, which is also a wake-up alarm, eliminates the need and investment for 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

## 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

## Front/Side controls locking

By selecting in the set up menu the option to lock or unlock access to the front and side controls of the TV, unauthorized access to the TV menu is prevented saving the hotelier time and effort of re-installing.

## VESA mounting

A unified industry standard for wall/ceiling mounting equipment set by the Video Electronics Standards Association. This offers a great flexibility in mounting possibilities and a wide choice of mounting brackets.

## 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.

## 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.

## Welcome message

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

## HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. 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 a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.



# Specifications

## Picture/Display

- Diagonal screen size: 23 inch / 58 cm
- Aspect ratio: 16:9, Widescreen
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 450:1
- Response time (typical): 16 ms
- Picture enhancement: 2D Combfilter, Active Control, Color Enhancement, Crystal Clear III, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen
- Viewing Angle (H / V): 140 / 125 degree

## Supported Display Resolution

### • Video Formats

Resolution	Refresh rate
640 x 480p	2Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

### • Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60, 70, 75Hz

## Tuner/Reception/Transmission

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

## Sound

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

## Loudspeakers

- Built-in speakers: 2

## Connectivity

- Connectivity Enhancements: RJ12 connector, RJ45

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

## Convenience

- Clock: Sleep Timer, Wake up Clock, Integrated LCD Clock Display
- Clock Enhancements: Synchro Time via PDC/TXT
- Comfort: Hotel Guest features
- Ease of Installation: Advanced Hotel Mode, Fine Tuning, PLL Digital Tuning, Program Name, Wireless Smart Loading
- Ease of Use: Auto Volume Leveller (AVL), FM Radio, Side Control, Smart Picture, Smart Sound
- Remote Control: TV
- Remote control type: RC2886
- Screen Format Adjustments: 7 Widescreen Modes, Auto Format
- Teletext: 10 page Smart Text
- Teletext enhancements: Fast text
- OSD Languages: English, French, German
- VESA Mount: 100 x 100 mm
- Other convenience: Kensington lock

## Power

- Mains power: 100 - 240V, 50/60Hz
- Power consumption: 75W Normal operation W
- Ambient temperature: 5 °C to 40 °C

## Dimensions

- Color cabinet: Silver Frost & Hi Gloss Black Deco Front
- Set dimensions (W x H x D): 615 x 431 x 99 mm
- Product weight: 8.9 kg
- Dimensions (with base) (W x H x D): 615 x 477 x 248 mm
- Box dimensions (W x H x D): 793 x 485 x 218 mm
- Weight incl. Packaging: 12 kg

## Accessories

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



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