Philips
professional flat TV with
Crystal Clear III

15"
LCD

15HF8442

System Prepared Flat TV

Specially designed for in-room entertainment

An elegantly designed TV that delivers best-in-class performance for your in-room entertainment set-up. Optional SmartCardXPress box available to enable easy integration of third party interactive services.

Advanced hotel features and future proof
- Wireless
- Display
- Volume limitation
- Front Controls Locking
- Switch On Channel Programming
- Security Menu Access
- Built-in FM radio

Interactive System Prepared, Future Proof
- SmartCard Xpress Box compatible for interactive systems
- Serial Xpress™ Control interface
- Optional extra Power Supply (12V)
- Future proof by software upgradability

Vivid, natural and razor sharp images
- High definition LCD XGA display, resolution 1024 x 768p

PHILIPS

sense **and** simplicity

Specifications

Display

- Aspect ratio: 4:3
- Brightness: 450 CD
- Contrast ratio (typical): 400:1
- Diagonal screen size: 15 inch / 39 cm
- Display: LCD XGA Active Matrix TFT
- Picture enhancement: Scan, Sharpness adjustment, 2D combfilter, Active, Digital, Crystal Clear III, Color Transient Improvement
- Screen enhancement: Anti-Reflection
- Viewing Angle (H / V): 130 / 100 degree
- Resolution: 1024 x 768p
- time: 16 ms

Sound

- Sound: NICAM
- Music power: 8 W
- Power: 2 x 2W
- Sound: Smart sound

Loudspeakers

- Built in: 2

Convenience

- Ease of Installation: Fine Tuning, PLL Digital Tuning, Program Name
- Use: Auto, Smart Picture Control, Sound, FM radio, On Screen Display
- Type: RC2886
- Teletext: 10 page Smart Text
- Clock: Sleep Timer
- VESA Mount: 100 x 100 mm
- Teletext enhancements: 4 favourite pages
- Remote Control: TV

Tuner

- Tuner: Hyper band, S channel, UHF, VHF, FM
- TV system: PAL, PAL, PAL, SECAM, SECAM, SECAM
- Video Playback: NTSC, PAL, SECAM
- Input: ohm
- Tuner: PLL
- Channels: 127

Connectivity

- Scart: Audio L/R, CVBS, RGB
- Other connections: Antenna, FM antenna, VGA
- Front / Side connections: Audio in, Headphone out, S-video in, CVBS in
- Connectivity: Connector, Connector

Power

- Power: 32 W W
- Standby power consumption: < 3 W
- Ambient temperature: +5°C/+45°C
- Power: AC 90V - 240V 50/60 Hz

Dimensions

- Product dimensions (WxDxH): 467 x 308 x 80
- Dimensions (with base) (H x D): 357 x 178 mm
- Weight: 5.8 kg
- Weight: 7.5 kg
- Outer carton dimensions WxDxH: 543 x 480 x 198
- Bezel color: Silver Frost

Accessories

- Included: Table top stand, Remote Control, Power, User manual

Resolution

- Computer formats

Resolution	Refresh rate
640	
800 x 600	56,60,72,75,85 Hz
1024 x 768	60Hz

Product highlights

Wireless
wireless

Welcome message

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.

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.

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.

Extra Power Supply (opt)
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.

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.

2D combfilter
The 2D comb filter separates chrominance (colour) from luminance (brightness) information in the video signal for independent processing to improve picture resolution and minimise distortion.

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