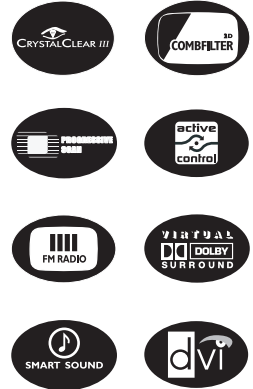




Philips  
professional flat TV with  
Crystal Clear III

15"  
LCD HD Ready

15HF5443



## System Prepared Flat TV

with Crystal Clear III

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

### Advanced hotel features and future proof

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

### Interactive System Prepared, Future Proof

- SmartCard Xpress Box compatible for interactive systems
- Optional extra Power Supply (12V)
- Future proof by software upgradability

### Breathtaking natural pictures

- Crystal Clear III for natural images with enhanced quality

**PHILIPS**  
sense and simplicity

# Professional flat TV with Crystal Clear III 15" LCD HD Ready

## Specifications

### Picture/Display

- **Aspect ratio:** 4:3
- **Brightness:** 450 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 500:1
- **Diagonal screen size:** 15 inch / 38 cm
- **Display screen type:** LCD XGA Active Matrix TFT
- **Picture enhancement:** Progressive Scan, 2D Combfilter, Active Control, Color Enhancement, Sharpness Adjustment, Crystal Clear III
- **Screen enhancement:** Anti-Reflection coated screen
- **Viewing angle (h / v):** 130 / 100 degree
- **Panel resolution:** 1024 x 768p
- **Response time (typical):** 16 ms

### Supported Display Resolution

#### • Computer formats

Resolution	Refresh rate
720 x 400	70Hz
800 x 600	56, 60, 72, 75Hz
832 x 624	75Hz
1024 x 768	60, 70, 75Hz
640 x 480	60, 67, 72, 75Hz

#### • Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

### Sound

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

### Convenience

- **Ease of Installation:** Fine Tuning, PLL Digital Tuning, Program Name, Wireless Smart Loading, Advanced Hotel Mode
- **Ease of Use:** FM Radio, Smart Picture Control, Smart Sound Control, Side Control
- **Remote control type:** RC2886
- **Teletext:** 10 page Smart Text
- **Remote Control:** TV
- **Screen Format Adjustments:** 16:9 compress, 4:3, 4:3 expand

- **Clock:** Sleep Timer
- **VESA Mount:** 100 x 100 mm
- **Comfort:** Hotel Guest features
- **Teletext enhancements:** Fast text
- **On-Screen Display languages:** English, French, German

### Tuner/Reception/Transmission

- **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'
- **Video Playback:** NTSC, PAL, SECAM
- **Aerial Input:** 75 ohm coaxial (IEC75)
- **Tuner Display:** PLL
- **Number of Preset Channels:** 125

### Connectivity

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

### Power

- **Ambient temperature:** 5 °C to 40 °C
- **Power consumption:** 42 W
- **Mains power:** AC 90-240V

### Dimensions

- **Box dimensions (W x H x D):** 548 x 390 x 191 mm
- **Color cabinet:** Silver Frost & Black Deco Front
- **Dimensions (with base) (W x H x D):** 472 x 348 x 153 mm
- **Set weight:** 5 kg
- **Set dimensions (W x H x D):** 472 x 308 x 76.5 mm
- **Weight incl. Packaging:** 7.3 kg

### Accessories

- **Included Accessories:** Power cord, Remote Control, Table top stand, User Manual
- **Optional accessories:** Wireless SmartLoader 22AVI 120, Set up Remote RC2573GR

### Loudspeakers

- **Built-in speakers:** 2

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## Product 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.

### Battery Low Detection

This feature informs 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 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.

### 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 colors.

### 2D Combfilter

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



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