

# 51" HDTV Projection TV

51PP9910

## HDTV made easy

The roadmap to technological innovation is sometimes murky and often confusing. Philips is helping to close the knowledge gap: preparing you for tomorrow's technology today.

### **MORE HDTV Imagery**

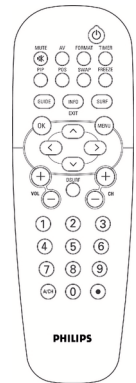
- Integrated HDTV tuner decodes ATSC and QAM signals
- HD Optics improve the resolution and quality
- APAC compensates for premature aging from stationary images
- 3D combfilter separates colors for a razor-sharp image

### **Exciting and lifelike sound**

- Incredible Surround™ for enhanced audio enjoyment
- Reliable audio via a SPDIF coaxial connector
- Virtual Dolby Surround for a cinema-like audio experience

### **Technology Made Simple**

- HDMI out for digital high-definition video and digital audio
- I tuner Picture-in-Picture to access two sources at once
- Digital Surf gives one-touch navigation to digital channels
- IntelliTune™ constantly seeks active digital channels



# PHILIPS

## Technical specifications

### Picture/Display

- **Size (inch):** 51 in
- **Aspect ratio:** 16:9
- **Display technology:** CRT, 7" liquid cooled, Projection TV
- **Picture enhancement:** 3:2 pull-down, Motion adaptive de-interlacing, 2D/3D noise reduction, APAC, Color Transient Improvement, Directional interpolation, Luminance Transient Improver, Frame rate conversion
- **Screen enhancements:** High Contrast, Anti ageing circuit
- **Viewing angle (h / v):** 160 / 30 degree

### Supported Display Resolution

Resolution	Refresh rate
• <b>Video formats</b>	
1080i	60Hz
720p	60Hz
480p	60Hz
480i	60Hz

### Sound

- **Sound Enhancement:** Auto Volume Leveller, Treble and Bass Control, Balance
- **Sound System:** Dolby Digital, Virtual Dolby Surround, Incredible Surround, Stereo
- **Output power (RMS):** 20W RMS (50Hz-10kHz at 5% THD)
- **Speaker diameter:** 4" x 6"
- **Type:** 2 Full Range Oval

### Tuner/Reception/Transmission

- **Aerial Input:** 75 Ohm F-type Antenna, 75 Ohm F-type Cable
- **Cable:** Unscrambled Digital Cable -QAM
- **TV system:** ATSC, NTSC

### Connectivity

- **AV 1:** S-Video, CVBS in, Audio L/R in, 480i 60Hz
- **AV 2:** S-Video, CVBS, Audio L/R in, 480i 60Hz
- **AV 3:** YPbPr, RGB+H/V, Audio L/R In, 1080i 60Hz, 720p 60Hz, 480p 60Hz, 480i 60Hz

- **AV 4:** YPbPr, Audio L/R in, 1080i 60Hz, 720p 60Hz, 480p 60Hz, 480i 60Hz
- **AV 5:** HDMI, Audio L/R in
- **Output rear:** S/PDIF digital coaxial, Audio L/R out
- **Side:** S-Video Y/C, CVBS in, 480i 60Hz, Audio L/R in, Headphones out

### Convenience

- **Ease of Use:** Digital Surf, Channel list, IntelliTUNE
- **Picture in Picture:** Picture in picture HD, I tuner PIP, Picture in Picture All Inputs
- **Screen Format Adjustments:** 4 Widescreen modes, 4:3, Native, Panoramic, Zoom
- **Convenience Enhancements:** Electronic Programming Guide, Vchip and parental lock, Auto Program, AutoChron (automatic clock), Closed Captioning (analog), Closed captioning (digital), On Timer, Sleep Timer
- **Display Controls:** Multi-Point Convergence, Single-Point Convergence
- **OSD Languages:** French, English, Spanish
- **Languages in manual:** English
- **Remote control:** Standard, with Batteries

### Power

- **Complies with:** Energy Star
- **Mains power:** AC 110V/120V, 60Hz
- **Consumption:** 220W (Typical)

### Dimensions

- **Product dimension (WxDxH) inch:** 49" x 24.3" x 55.1"
- **Product dimensions (WxDxH):** 125cm x 62cm x 140cm
- **Product weight in lbs:** 185
- **Product weight:** 83.7 kg
- **Carton dimensions (WxDxH) inch:** 53.5" x 28.7" x 57.9"
- **Carton dimensions (WxDxH):** 136cm x 73cm x 147cm
- **Weight incl. packaging in lbs:** 214
- **Weight incl. Packaging:** 96.9 kg
- **Temperature Range (Operation):** +32°F to 105°F (0° C to 40° C)

## Product highlights

### Integrated HDTV Tuner

Built-in HDTV tuner that receives and displays terrestrial ATSC and unscrambled cable (64/256 QAM) signals.

### Digital Surf

Digital Surf is a unique Philips feature on the remote control that allows you to make the step to the digital world by only displaying digitally broadcast channels while you're channel surfing.

### IntelliTune™

IntelliTune continuously scans the digital spectrum when a channel change is initiated and will then show the next available digital channel that it finds. In this way, it not only looks for your pre-programmed channels but also assures that you will never miss a new channel that may have started broadcasting in Digital HD.

### HDMI

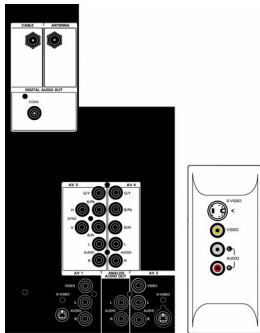
HDMI stands for High Definition Multimedia Interface. It is a direct digital connection that can carry digital HD video as well as digital multichannel audio. By eliminating the conversion to analog signals it delivers perfect picture and sound quality, completely free from noise. HDMI is fully backward-compatible with DVI.

### HD Optics

The Philips HD Optics system improves the quality of TV displays, including micro phosphor CRTs, hybrid projection lenses, first surface mirrors, fine pitched Lenticular screens and Philips Wideband Video Amplifier. The result is better resolution.

### Coaxial Digital Audio SPDIF

An SPDIF coaxial cable is a highly reliable way of connecting digital audio.



Date of issue 2005-05-04

Version: 3

12 NC: 8670 000 19521  
UPC: 3 78499 43519

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.  
© 2005 Koninklijke Philips Electronics N.V.  
All Rights reserved.  
[www.philips.com](http://www.philips.com)