



Philips Matchline
projection TV with Pixel
Plus

55"

HD Ready

MATCHLINE

55PP9545



Make innovation your home

Philips puts the up-to-the minute technology into the most elegant package. Experience the most advanced projection picture quality and find yourself forging ahead into the future.

Be an eyewitness

- Pixel Plus for better details, depth and clarity
- Digital Natural Motion produces smooth, judder-free images
- HDTV Monitor for the highest quality display of HDTV signals
- Acclearium Digital Optics give sharper more detailed images
- Scratch-resistant Saphlon Screen for reduced glare

Technology Made Simple

- BlueBlush Buttons automatically light up as you approach
- For 1080i compatible connections to High Definition Boxes
- Active Control with Light Sensor optimizes picture quality
- Auto IntelliSense adjusts the convergence with one touch
- APAC compensates for premature aging from stationary images
- Dual-screen with 2 tuners splits the TV screen in 2 pictures

Enrich your sound experience

- Virtual Dolby Surround for a cinema-like audio experience



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Technical specifications

Picture/Display

- **Aspect ratio:** 16:9
- **Size (inch):** 55 inch
- **Display technology:** Projection TV, CRT, 7" liquid cooled
- **Picture enhancement:** Pixel Plus, Digital Natural Motion, Acclearium Digital Optics, Active Control + Light sensor, LTI, APAC, Auto Intellisense, Black stretch, Blue stretch, Color Enhancement, Color Transient Improvement, Comb Filter Digital, Color Temperature Adjustment, Digital Noise Reduction, Dynamic Contrast, Movie Plus
- **Screen enhancement:** Saphlon Screen, Anti-Reflection, Anti ageing circuit, High Brightness, High Contrast
- **Viewing angle (h / v):** 160 / 30 degree

Supported Display Resolution

Computer formats	
Resolution	Refresh rate
640 x 480	60Hz

Video formats	
Resolution	Refresh rate
480p	60Hz
576p	50Hz
1080i (1250)	50Hz
1080i	60Hz
1080i	50Hz
768i	75Hz
576i	100Hz

Sound

- **Sound Enhancement:** Auto Volume Leveller, Equalizer
- **Output power (RMS):** 30W RMS (50Hz-10kHz at 5% THD)
- **Bass enhancement:** Loudness
- **Type:** 2 Tweeters, 2 Woofers
- **Tweeter:** 2 inch
- **Woofers:** 5 inch

Convenience

- **Ease of Use:** Photo Finish, Picture Freeze, Replay
- **Remote control type:** RC2049
- **Teletext:** 1200 page Hypertext
- **Picture in Picture:** 2 tuner PIP, Double window, Mozaic

- **Remote control:** Universal, with Batteries
- **Clock:** Sleep Timer, On/Off event timer
- **Child Protection:** Child Lock
- **Convenience Enhancements:** Auto Program, Auto Aspect Ratio Adaptation, Proximity Lighted Controls, Auto Picture Modes, Auto Sound Modes
- **OSD Languages:** Arabic, Malay, English, Simplified Chinese

Tuner/Reception/Transmission

- **TV system:** NTSC, PAL B/G, PAL D/K, PAL I, SECAM B/G, SECAM D/K
- **Aerial Input:** 75 ohm coaxial (IEC75), 2 Tuner with internal splitter
- **Auto store**

Connectivity

- **AV 1:** 480i 60Hz, 576i 50Hz, CVBS in, YPbPr, Audio L/R in
- **AV 2:** 480i 60Hz, 576i 50Hz, CVBS, S-Video Y/C, Audio L/R in
- **AV 3:** 1080i 50Hz, 1080i (1250) 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, YPbPr, RGB+H/V
- **AV 4:** 1080i (1250) 50Hz, 1080i 50Hz, 1080i 60Hz, 480p 60Hz, 576p 50Hz, DB15, RGB+H/V
- **Output rear:** Subwoofer out, Audio L/R out, CVBS monitor out
- **Side:** 480i 60Hz, 576i 50Hz, CVBS in, S-Video Y/C, Audio L/R in, Headphones out

Power

- **Standby power consumption:** < 1 W
- **Mains power:** 90-276V, 50-60Hz
- **Complies with:** Energy Star
- **Consumption:** 180W (Typical)

Dimensions

- **Product dimensions (WxDxH):** 134 cm x 65 cm x 145 cm
- **Product weight:** 85 kg kg
- **Carton dimensions (WxDxH):** 146 cm x 82 cm x 151 cm
- **Weight incl. Packaging:** 100 kg kg
- **Temperature range (operation):** +5° C to +40° C

Product highlights

Pixel Plus

This set uses the power of the Pixel Plus processor to increase the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and dept, every time from any source.

Digital Natural Motion

Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

BlueBlush Buttons

Proximity-activated user control panel which lights up when person approaches the product, to make the controls easily visible. After use, it dims to avoid its distraction when not used.

HDTV Monitor

HDTV is the latest and best television signal available. It produces picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity

Full 1080i HD Connectivity

Input connections on the TV which accept the various 1080i signal types from external Digital set top box.

Acclearium Digital Optics

The Philips Acclearium Digital Optics system provides cutting edge processing and display technology, including micro phosphor CRT tubes, hybrid 4-element projection lenses, fine pitched contrast enhancing Lenticular screen and Philips exclusive Wideband Video Amplifier.

Saphlon Screen

Saphlon is a screen coating technology that helps to prevent scratches or damage, while also improving the picture by allowing more light output and reducing glare. You enjoy a brighter picture, and your set looks better for longer.

Auto IntelliSense

When repositioning a CRT-based projection TV, the tubes have to be adjusted to minimize the impact of magnetic interference on the picture. Auto IntelliSense automatically adjusts the convergence with one touch of a button, ensuring a sharp picture free from color bleeding.

Active Control + Light Sensor

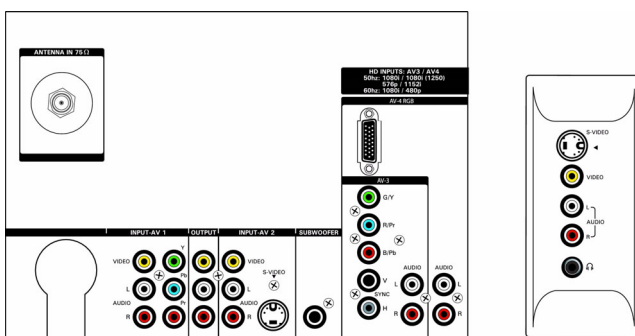
Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

APAC

Automatic Phosphor Aging Compensation (APAC) is a Philips technology that is designed to help reduce the chances of image retention on a television screen. It prolongs the life of your TV's tube.

Full Dual Screen

Full Dual Screen allows you to divide your TV screen into two halves, each displaying independent pictures from TV, VCR, DVD or teletext at the same time. Watch your favorite program while others watch something else without being disturbed as the audio for the second screen is available via the headphone output.



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