PHILIPS

widescreen flat TV

107cm (42")

plasma

Progressive Scan

42PF5320

Turn up your viewing experience
with Digital Crystal Clear

Experience the superior picture quality of this excellent Flat TV with the latest PDP technology. It's packed into a stunning design that will complement your interior.

Superb sound reproduction
- Virtual Dolby Surround for a cinema-like audio experience

Designed for your convenience
- Smart Picture and Smart Sound to personalize your viewing
- View PC content in a second window on your TV

Breathtaking natural pictures
- Enhanced-definition plasma WVGA display, 852x480p
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality
- Active Control with Light Sensor optimizes picture quality

Stylish design
- Matching stand with elegant design included

For advanced performance
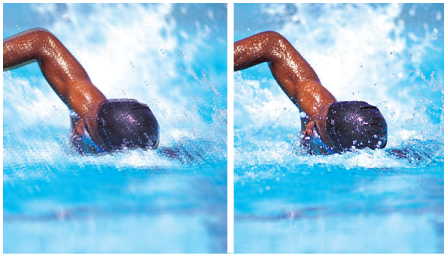- HDMI input for full digital HD connection in one cable

Highlights

Plasma WVGA panel, 852 x 480p
This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Digital Crystal Clear
Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Progressive Scan

Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

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.

Virtual Dolby Surround
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

Bypacked tabletop stand
A table-top stand with matching design is packed with the set.

Picture in Graphics
Picture-in-Graphics is a small window in the main picture, allowing to watch data/graphics in your main TV screen. It provides the ability to simultaneously watch data/graphics and the TV.

Smart Picture and Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Specifications

Picture/Display

Aspect ratio: 16:9

Diagonal screen size (inch): 42 inch

Diagonal screen size (metric): 107 cm

Color cabinet: Silver

Brightness: 1500 cd/m²

Picture enhancement: Progressive scan, Active Control + Light sensor, 3/2 – 2/2 motion pull down, 3D Combfilter, Contrast Plus, Digital Noise Reduction, Dynamic contrast, Jagged Line Suppression

Contrast ratio (typical): 13000:1

Display screen type: WVGA Plasma panel

Panel resolution: 852 x 480p

Viewing angle: 160º (H) / 160º (V)

Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60, 70, 75Hz, 1280 x 1024, 60Hz

Video Formats: 640 x 480i – 1Fh, 640 x 480p – 2Fh, 720 x 576i – 1Fh, 720 x 576p – 2Fh, 1280 x 720p – 3Fh, 1920 x 1080i – 2Fh

Tuner/Reception/Transmission

Aerial Input: 75 ohm coaxial (IEC75)

Tuner bands: Hyperband, S-Channel, UHF, VHF

TV system: NTSC, PAL, SECAM

Number of Preset Channels: 100

Video Playback: NTSC, PAL, SECAM

Tuner Display: PLL

Convenience

Ease of Installation: Autostore, Plug & Play, Fine Tuning, Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Program Name, Sorting

Ease of Use: Side Control, Smart Picture, Auto Volume Leveller (AVL), Program List, Smart Sound

Clock: Sleep Timer

Screen Format Adjustments: Auto Format, Subtitle and Heading Shift, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9

Remote Control: Amp, DVD, Multi-functional, TV

Remote control type: RCFE05SPS00

Teletext: 10 page Smart Text

Picture in Picture: Picture in graphics, Twin page text

Sound

Equalizer: 5-bands

Output power (RMS): 2 x 15W

Sound Enhancement: Dynamic Bass Enhancement

Sound System: Virtual Dolby Surround

Loudspeakers

Built-in speakers: 2

Connectivity

AV 1: Audio L/R in

AV 2: Audio L/R in, CVBS, S-Video Y/C

AV 3: VGA PC-in, HDMI compatible

AV 4: HDMI

Front / Side connections: Audio L/R in, CVBS in, Headphone Out, S-video in

Power

Mains power: AC 110 – 240 V, 50/60 Hz

Ambient temperature: 5 °C to 40 °C

Power consumption: 230 W

Standby power consumption: < 2 W

Accessories

Included accessories: Table top stand, Wall mounting bracket, Power cord, Quick start guide, Registration card, Remote Control, RF antenna cable, User Manual, Warranty certificate, VGA to YPbPr-Cinch cable

Optional accessories: Floor stand

Dimensions

Product weight: 38 kg

Set Width: 1240 mm

Stand height: 40 mm

Wall mount compatible: 800 x 400 mm

Set Height: 680 mm

Stand depth: 280 mm

Weight incl. Packaging: 55 kg

Set Depth: 104 mm

Stand width: 820 mm