Clearly the smart choice

Designed for ease of use, this Flat TV features modern design, 2 HDMI connections and a powerful and brilliant Crystal Clear III engine. Making the smart choice in total picture quality has never been easier.

Hear crisp and clear sound
• Incredible Surround for enhanced audio enjoyment

Connect, install and enjoy
• 2 HDMI inputs for full digital HD connection in one cable
• EasyLink: easy control of TV and connected device via HDMI CEC
• PC-input allows you to use your TV as a PC monitor
• Smart Picture and Smart Sound to personalise your viewing

Superb picture quality
• Crystal Clear III for natural images with enhanced quality
• HD LCD display, with a 1680 x 1050p resolution
• HD Ready for the highest quality display of HD signals
• Up to 5 ms response time for clear, fast-moving action

PHILIPS

Highlights

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.

LCD display, 1680 x 1050p

This WSXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1680 x 1050p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of the resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60 Hz.

5 ms response time

Response time measures signal reaction speed in milliseconds. A faster response time is better as it eliminates visible image artefacts that could dampen your experience when viewing fast-moving images or objects. In this case, this LCD panel gives you a 5 ms response time so that you can watch your LCD TV with a clear, fast-moving action.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources and includes digital audio. HDMI uses HDCP copy

protection. With one HDMI input on the back and one HDMI on the side of the TV you can connect multiple HD sources, for instance an HD set-top box, a Blu-ray player and a game console or digital camcorder. Your TV is fully prepared for the HD future.

EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With EasyLink only one remote control is needed to operate the main functionalities on your TV and connected devices. EasyLink uses a standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Smart Picture and Smart Sound

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

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Diagonal screen size (inch): 22 inch
- Diagonal screen size (metric): 56 cm
- Panel resolution: 1680 x 1050p
- Brightness: 300 cd/m²
- Picture enhancement: Crystal Clear III, 2D Combfilter, 3/2 - 2/2 motion pull down, White stretch, Progressive scan, Smart Picture
- Contrast ratio (typical): 1000:1
- Display screen type: LCD WSXGA Active Matrix TFT
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V)
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats: 640 x 480, 60 Hz, 800 x 600, 60 Hz, 1024 x 768, 60 Hz, 1280 x 1024, 60 Hz, 1440 x 900, 50 Hz, 75 Hz, 1680 x 1050, 50 Hz, 60 Hz
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 24, 50, 60 Hz

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, SECAM, PAL

Convenience
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), On-Screen Display, Programme List, Side Control, Smart Picture, Smart Sound
- Clock: Sleep Timer, Start timer, Stop timer
- Connection Enhancement: Easy link
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Remote Control: TV

- Remote control type: RCPF01E08B
- Teletext: 100-page Smart Text
- Picture in Picture: Text dual screen

Sound
- Output power (RMS): 2 x 5 W
- Sound System: Mono, Stereo
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound

Connectivity
- EasyLink (HDMI-CEC): One touch play, System standby
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- Other connections: Headphone out, PC Audio in, PC-In VGA
- Ext 3: YPbPr, Audio L/R in
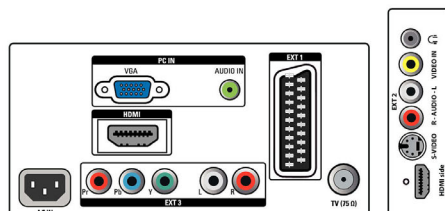- Ext 2: S-video in, CVBS in, Audio L/R in

Power
- Mains power: 100-240 V, 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Power consumption: 55 W
- Standby power consumption: <0.3 W

Accessories
- Included accessories: Tabletop stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Dimensions
- Set Width: 534 mm
- Set Height: 397 mm
- Set Depth: 71 mm
- Product weight: 5.5 kg
- Set width (with stand): 534 mm
- Set height (with stand): 442 mm
- Set depth (with stand): 181 mm
- Product weight (+stand): 6 kg
- Box width: 580 mm
- Box height: 510 mm
- Box depth: 137 mm
- Weight incl. Packaging: 7.77 kg
- Wall-mount compatible: 100 x 100 mm

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