Brilliant design, powerful performance.

Style and performance meet in one complete experience. Combining HD display, Digital Crystal Clear and fantastic invisible sound, this Flat TV provides brilliant design and powerful performance for years to come.

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 mode selects a perfect mode for what you are watching

Vivid and razor sharp pictures
- Digital Crystal Clear for detail depth and clarity
- 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

Ready for digital
- Integrated Digital Tuner for DVB-T reception

Pure and powerful sound
- Superb audio enjoyment from unique invisible speakers
- Incredible Surround for enhanced audio enjoyment

PHILIPS

Highlights

Digital Crystal Clear

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

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.

Integrated Digital DVB-T tuner

The integrated Digital DVB-T tuner lets you receive digital terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. It gives a clear and spacious sound stage that is complementary to the rich viewing experience.

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. By eliminating conversion to an analogue 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 backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD set-top box and a Blu-ray player. 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.

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Diagonal screen size (inch): 22 inch
- Diagonal screen size (metric): 56 cm
- Colour cabinet: High gloss black deco front with black cabinet
- Panel resolution: 1680 x 1050p
- Brightness: 300 cd/m²
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, White stretch, Digital Crystal Clear, 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, 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'
- Digital TV: DVB Terrestrial*
- Video Playback: NTSC, SECAM, PAL

Convenience
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), On-Screen Display, Programme List, Side Control
- 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
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide

- Remote Control: TV
- Remote control type: RCPF05E08B
- Teletext: 100-page Smart Text
- Picture in Picture: Text dual screen
- Smart mode: Movie, Personal, Power saver, Standard, Vivid

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, S/PDIF out (coaxial), Common Interface
- Ext 3: YPbPr, Audio L/R in
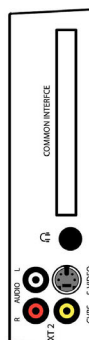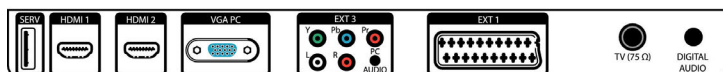- Ext 2: S-video in, CVBS in, Audio L/R in

Power
- Mains power: 100-240 V, 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Power consumption: 53 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: 538 mm
- Set Height: 375 mm
- Set Depth: 71 mm
- Product weight: 5.3 kg
- Set width (with stand): 538 mm
- Set height (with stand): 428 mm
- Set depth (with stand): 205 mm
- Product weight (+stand): 6.0 kg
- Box width: 643 mm
- Box height: 481 mm
- Box depth: 237 mm

- Weight incl. Packaging: 8.5 kg
- Wall-mount compatible: 100 x 100 mm

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