

50MF231D

50" digital widescreen plasma TV

A smart way to enjoy an HDTV experience. The TV comes with a high definition plasma panel, the latest HDMI connection, component HD inputs and digital sound.

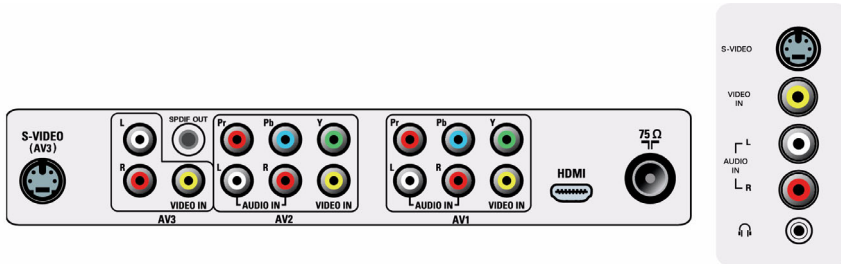
Integrated HDTV tuner

- *High Definition plasma WXGA display, 1366 x 768p*
- *3D combfilter separates colors for a razor-sharp image*
- *Dolby Digital for movies or concerts in full surround sound*
- *HDMI digital AV connection for perfect quality*
- *Component Video Input for top quality playback and recording*
- *Smart picture and sound presets*



50MF231D/37

50" digital widescreen plasma TV



Technical specifications

Picture/Display

Aspect ratio: 16:9
 Diagonal screen size: 50 inch / 127 cm
 Brightness: 1100 cd/m²
 Contrast ratio (typical): 10000:1
 Display screen type: WXGA Plasma panel
 Panel resolution: 1366 x 768p
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive Scan
 Response time (typical): 3 ms
 Screen enhancement: Anti ageing circuit
 Viewing angle (H / V): 160 / 160 degree

Supported Display Resolution

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz

Sound

Sound System: Dolby Digital (AC-3)
 Output power (RMS): 2 x 15 W

Loudspeakers

Built-in speakers: 2

Tuner/Reception/Transmission

Aerial Input: 75 ohm F-type
 Tuner bands: Hyperband, S-Channel, UHF, VHF
 TV system: NTSC, ATSC
 Cable: Unscrambled Digital Cable -QAM
 Video Playback: NTSC

Connectivity

AV 1: Audio L/R in, CVBS in, YPbPr
 AV 2: Audio L/R in, CVBS out, YPbPr
 AV 3: Audio L/R in, CVBS in, S-Video in

Front / Side connections: S-video in, CVBS in, Audio L/R in, Headphone out
 Other connections: HDMI, S/PDIF out (coaxial)

Convenience

Ease of Installation: Autostore, PLL Digital Tuning, Plug & Play
 Ease of Use: Auto Volume Leveller (AVL), On Screen Display, Smart Picture Control, Smart Sound Control, Side Control
 Remote Control: TV
 Remote control type: RC1113125/01B
 Screen Format Adjustments: Auto Format, 7 Widescreen Modes, Subtitle Zoom, Subtitle and Heading Shift
 VESA Mount: 800 x 400 mm
 Clock: On main display
 Child Protection: Child Lock+Parental Control

Accessories

Included Accessories: Power cord, User Manual, Quick start guide, Registration card, Remote Control, Table top stand

Dimensions

Set dimensions in inch (W x H x D):
 55.6 x 30.6 x 4 inch
 Set dimensions with stand in inch (W x H x D):
 55.6 x 32.2 x 11 inch
 Product weight (lb): 112.4 lbs
 Product weight (+stand) (lb): 114.2 lb
 Weight incl. Packaging (lb): 136.8
 Box dimensions in inch (W x H x D):
 59.2 x 39.4 x 14.7 inch

Power

Mains power: AC 110 - 240 V, 50/60 Hz
 Power consumption: 480 W
 Standby power consumption: < 1 W (110V)
 Ambient temperature: 5 °C to 40 °C

Plasma WXGA panel, 1366 x 768p

This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures in with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated HDTV tuner

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

3D combfilter

A 3D combfilter is a device that performs field-by-field comparisons of the television image to accurately separate the color from the black-and-white information. It separates brightness and color signals better in the 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure.

Dolby Digital

Because Dolby Digital and DTS, the world's leading digital multi-channel audio standards, make use of the way the human ear naturally processes sound, you experience superb quality surround sound audio with realistic spatial cues.

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.

Component Video Input (YPbPr)

Component Video is the highest quality interconnection standard for analog video. It is sharper than S-video and composite video. Philips DVD recorders can record directly from component video (such as YPbPr) sources including satellite receivers

Smart picture & Smart sound

Smart picture and Smart sound presets are optimized settings for all your favorite types of programs, various display and audio modes that are directly accessed through a single key on the remote control.