

# 20MF251W

## 20" LCD HD flat TV with DVD player

High definition TV ready! The high brightness, high contrast 20MF251W features an onboard DVD player for screening your favorite movies, multiple Audio/Video inputs, superb Virtual Surround Sound and even doubles as a PC monitor.

- *High brightness HDTV-ready LCD TV*
- *High-definition LCD WXGA display, 1366 x 768p*
- *Built-in DVD player maximizes viewing experience*
- *Multiple Audio/Video inputs (480i/p, 720p, 1080i)*
- *VGA input for use as a PC monitor*
- *Smart picture and sound presets*
- *Fast response time panel technology*
- *Virtual Surround Sound for enhanced sound*



## 20MF251W/37 20" LCD HD flat TV with DVD player

### Product specifications

#### Picture/Display

- Aspect ratio: 16:9
- Brightness: 450 cd/m<sup>2</sup>
- Contrast ratio (typical): 700:1
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: 2D Combfilter, Automatic skin tone correction, Black stretch, Blue stretch, Green enhancement, Progressive Scan, White stretch
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 140 / 160 degree
- Response time (typical): 8 (grey to grey) ms
- Panel resolution: 1366 x 768p

#### Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
800 x 600	56, 60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz
Video formats	
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz

#### Sound

- Output power (RMS): 2 speakers @ 3w each
- Sound Enhancement: Virtual Surround Sound
- Sound System: Mono, SAP

#### Convenience

- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning
- Ease of Use: Auto Volume Leveller (AVL), Smart Picture Control, Smart Sound Control, Closed Captioning Full Text

- Remote control type: RC-172M
- Remote Control: TV, DVD
- Screen Format Adjustments: 4:3, Subtitle Zoom, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Convenience Enhancements: Sleep Timer
- Child Protection: Child Lock+Parental Control

#### Tuner/Reception/Transmission

- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC
- Video Playback: Multi-system
- Aerial Input: 75 ohm F-type
- Number of channels (cable): 125
- Number of channels (off-air): 69

#### Built-in DVD

- Playback media: Audio CD, CD-R, CD-RW, DVD+R, DVD+RW, DVD-R, DVD-RW, MP3-CD, Picture CD, VCD

#### Connectivity

- AV 1: Audio L/R in, CVBS in, S-Video
- AV 2: Audio L/R in, YPbPr
- PC: 3.5 mm PC audio input x1, VGA-in D-Sub 15HD
- Rear Connections: Antenna F-type, Headphone out 3.5 mm jack

#### Power

- Power consumption: < 68 (with DVD) W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C
- Mains power: 90-240 VAC, 50/60 Hz

#### Dimensions

- Product weight (+stand): 9.3 kg
- Product weight (+stand) (lb): 20.5 lb
- Set dimensions with stand (W x H x D): 523 x 376 x 211 mm
- Set dimensions with stand in inch (W x H x D): 20.6 x 16.5 x 8.3 inch

#### HDTV-ready LCD TV

HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features 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 and circuitry design. To use HDTV the TV must be connected through its component video or DVI inputs to a DTV set-top box and set to operate in the DTV mode.

#### LCD WXGA display, 1366x768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p 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.

#### Built-in DVD player

A multi-format DVD player integrated into the LCD TV that makes it easy for video fans and music lovers to enjoy all widely accepted DVD and CD formats as well as the increasing popular MP3 digital music without the cost of purchasing and the hassle of hooking up a separate player. The integrated player is compatible with DVD, DVD+R/RW, DVD-R/RW, VCD, CD, CR-RW, picture CD, MP3 and HDCD discs.

#### Multiple AV inputs

Multiple AV inputs accommodate a variety of format choices in connecting video and audio devices (480i/p, 720p, 1080i).

#### VGA input

VGA input provides a connector to accommodate input of an analog signal for use as a PC monitor.

#### Smart picture & Smart sound

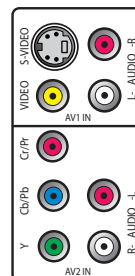
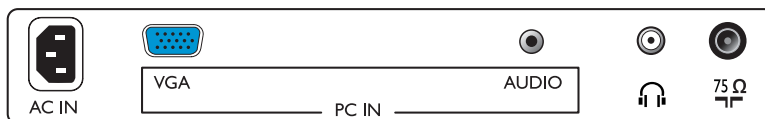
Smart picture and Smart sound presets are optimized settings for all your favorite types of programs, various display and audio modes that are directly accessed through a single key on the remote control.

#### Fast response time

Faster response time delivers improved display of video action with faster transitions that dramatically reduce visible image artifacts in the display of fast-moving images.

#### Virtual surround sound

Virtual surround sound creates additional audio channels for a theater-like audio experience.



# **20MF251W/37**

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### **Product specifications (continued)**

#### **Accessories**

- Included Accessories: Batteries for remote control, Power cord, Quick Use Guide, Remote Control, User Manual, Warranty certificate