

## 19MD358B

### 19" Digital LCD HDTV with Built-in DVD player

With a built-in capable DVD player, integrated digital tuner and PC display, the 19MD358B enriches the total viewing experience with ultra sharp widescreen HD picture, HD media connectivity, Dolby Digital sound and SPDIF audio output.

- *High-definition LCD WXGA+ display 1440 x 900p*
- *Integrated tuner decodes digital ATSC and QAM signals*
- *Dynamic Contrast gives enriched color performance*
- *Built-in DVD player maximizes viewing experience*
- *Dolby Digital for movies and concerts in full surround sound*
- *Multiple Audio/Video inputs (480i/p, 720p, 1080i)*
- *HDMI for full digital High Definition connection*
- *VGA input for use as a PC monitor*



## 19MD358B/F7

### 19" Digital LCD HDTV with Built-in DVD player

#### Product specifications

##### Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size: 19 inch / 48.1 cm
- Brightness: 300 cd/m<sup>2</sup>
- Dynamic screen contrast: 4000:1
- Contrast ratio (typical): 800:1
- Panel resolution: 1440 x 900p
- Picture enhancement: Progressive Scan, 3/2 - 2/2 motion pull down
- Response time (typical): 5 (grey to grey) ms
- Viewing angle: 160° (H) / 160° (V)
- Visible screen diagonal (inch): 18.95 inch

##### Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1440 x 900	60 Hz
Video formats	
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz

##### Sound

- Sound System: Mono, Stereo, SAP, Dolby Digital (AC-3)
- Output power (RMS): 2 speakers @ 3 W each

##### Convenience

- Ease of Installation: Autostore, PLL Digital Tuning, Plug & Play
- Convenience Enhancements: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), On Screen Display
- Screen Format Adjustments: Automatic, 16:9 subtitle, Widescreen, 4:3, Movie expand 14:9, Movie expand 16:9, Super Zoom
- Clock: On main display

- Child Protection: Child Lock+Parental Control

##### Built-in DVD

- Playback media: Audio CD, CD-R, CD-RW, DVD-Video, DVD+R, DVD+RW, DVD-R, DVD-RW, SVCD, VCD, MP3-DVD, MP3-CD, WMA-CD, Picture CD
- Video disc playback system: NTSC
- Video compression format: MPEG1, MPEG2
- Audio compression format: Dolby Digital, MP3, PCM, WAV
- MP3 bit rates: 32 - 256 kbps
- Picture compression format: JPEG
- Picture playback functions: Slideshow with MP3 playback, Flip, Rotate, Zoom

##### Tuner/Reception/Transmission

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

##### Connectivity

- AV 1: Audio L/R in, YPbPr
- Front / Side connections: CVBS in, Audio L/R in, Headphone out
- PC: 3.5 mm PC audio input x1, VGA-in D-Sub 15HD
- Other connections: HDMI
- Audio Output - Digital: Coaxial (cinch)

##### Power

- Mains power: 90-110V, 50-60Hz
- Power consumption: 50 W
- Standby power consumption: < 1 W
- Ambient temperature: 5 °C to 40 °C

##### Dimensions

- Set dimensions with stand in inch (W x H x D): 18.3 x 15.6 x 6.9 inch
- Product weight (lb): 11.1
- Weight incl. Packaging (lb): 14.76

##### LCD WXGA+ display 1440 x 900p

This WXGA+ display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1440 x 900p 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.

##### Integrated HDTV tuner

A built-in digital tuner receives and decodes ATSC off-air and unscrambled cable signals directly, so you can view digital high-definition TV programming without an additional set-up box.

##### Dynamic Contrast

Special picture processing technology dynamically and seamlessly delivers vibrant images in bright scenes or reproduces a deep blacks and accurate rendering of darker colors and shades in dark scenes. You get the ultimate LCD picture: stable and clear images with enriched color performance and excellent contrast.

##### 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.

##### Dolby Digital surround

Dolby Digital, the world's leading digital multi-channel audio system, duplicates the way the human ear processes sound human ear naturally processes sound so you can experience superb quality surround sound audio with realistic spatial cues.

##### Multiple AV inputs

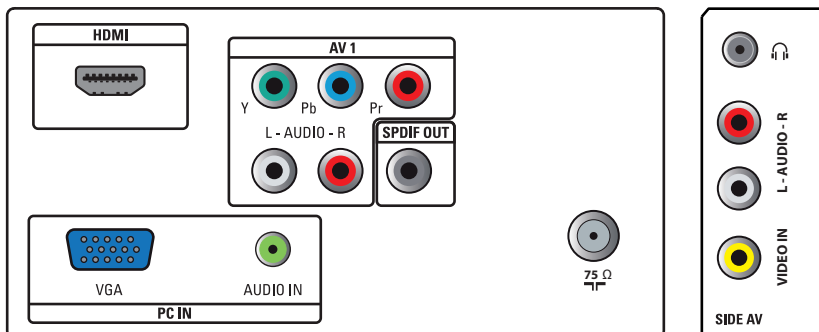
Multiple AV inputs accommodate a variety of format choices in connecting video and audio devices (480i/p, 720p, 1080i).

##### 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.

##### VGA input

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



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Specifications are subject to change without notice.

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# 19MD358B/F7

## 19" Digital LCD HDTV with Built-in DVD player

### Product specifications (continued)

- Box dimensions in inch (W x H x D):  
20.3 x 18 x 9 inch

#### Accessories

- Included Accessories: Power cord, User Manual, Quick start guide, Registration card, Remote Control, Batteries for remote control

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