

39MF412B

39" class 1080p LCD HDTV

With its ultra sharp widescreen HD picture, rich color, HD media connectivity, SRS TruSurround XT, integrated digital tuner and multiple AV input options, the 39MF412B is a superb TV.

- **LCD Full HD display, 1920x1080p**
- **Clear Pix X2**
- **Dynamic Contrast gives enriched color performance**
- **SRS TruSurround XT™**
- **Dolby Digital for movies or concerts in full surround sound**
- **HDMI for digital High Definition connection**
- **VGA input for use as a PC monitor**
- **fun-Link: easy control of connected devices via HDMI CEC**



39MF412B/F7 39" class 1080p LCD HDTV

Product specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size: 39 inch / 98.7 cm
- Visible screen diagonal (inch): 38.6 inch
- Panel resolution: 1920x1080p
- Picture enhancement: Progressive scan, 3D Combfilter, Digital Noise Reduction, Dynamic contrast enhancement, 3/2 - 2/2 motion pull down, Clear Pix X2

Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080	60Hz

Sound

- Sound System: Mono, Stereo, SAP, Dolby Digital (AC-3)
- Sound Enhancement: SRS TruSurround XT
- Output power (RMS): 2 x 10W

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of Installation: Autostore, PLL Digital Tuning
- User convenience: Sleep Timer
- Ease of Use: Auto Volume Leveller (AVL), On Screen Display, Smart Picture, Smart Sound, Closed Captioning Full Text, Touch Sensor
- Screen Format Adjustments: 4:3, 16:9, Normal, Zoom, Full, Movie Expand, Wide
- Child Protection: Child Lock+Parental Control

Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type

- Tuner bands: UHF, VHF
- TV system: ATSC, NTSC
- Video Playback: NTSC

Connectivity

- AV 1: CVBS in, Shared audio L/R in
- AV 2: YPbPr, Shared audio L/R in
- HDMI 1: HDMI, Shared audio L/R in
- HDMI 2: HDMI, Shared audio L/R in
- HDMI 3: HDMI, Shared audio L/R in
- PC: VGA-in D-Sub 15HD, Shared audio L/R in
- USB: USB (photo, movie)
- AV output: Headphone out
- Audio Output - Digital: Coaxial (cinch)
- HDMI-CEC: One touch play, Auto TV on, Power status, System standby, Routing control, System audio control, System info

Power

- Mains power: 120V/60Hz
- Power consumption: 153 W
- Standby power consumption: <1W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions

- Set dimensions in inch (W x H x D): 36.3 x 22.6 x 4.5 inch
- Set dimensions with stand in inch (W x H x D): 36.3 x 24.4 x 7.7 inch
- Product weight (lb): 23.97 lb
- Product weight (+stand) (lb): 26.26 lb
- Box dimensions in inch (W x H x D): 39 x 25.6 x 7.5 inch
- Weight incl. Packaging (lb): 32.36lb
- VESA wall mount compatible: 400 x 200 mm

Accessories

- Included accessories: User Manual, Quick start guide, Registration card, Remote Control, Batteries for remote control, Table top stand, Cable management

LCD Full HD display 1920x1080p

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. This is the highest resolution that HD broadcast can transmit. It allows the best possible picture quality from any format of HD input signal. 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.

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.

SRS TruSurround XT™

TruSurround XT™ creates a truly immersive surround sound experience with rich bass and clear dialog from only two speakers.

Dolby Digital

Dolby Digital, the world's leading digital multi-channel audio standard, makes use of the way the human ear naturally processes sound. With Dolby Digital you experience superb quality surround sound audio with realistic spatial cues.

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.

PC input via HDMI

With PC input you can use your TV as a PC monitor via a HDMI-DVI cable/converter.

fun-Link

fun-Link uses the HDMI CEC industry standard, to share control between devices connected to the TV. With fun-Link only one remote control is needed to operate the main functions on your TV and connected devices like a Blu-ray player or home theater system.

