

50MF412B

50" Class 1080p LCD HDTV

With its ultra sharp widescreen Full HD picture, SRS TruSurround XT, HD media connectivity and integrated digital tuner, the 50MF412B features superb picture, audio quality and a versatile set of AV inputs.

- **LCD Full HD 1920x1080p Display**
- **Dynamic Contrast gives enriched color performance**
- **3 HDMI Inputs for digital High Definition connection**
- **fun-Link: easy control of connected devices via HDMI-CEC**
- **PC Input via VGA and HDMI Ports**
- **SRS TruSurround XT® / Dolby Digital Output**
- **JPEG Photo Viewer**
- **Clear Pix X2**



50MF412B/F7 50" Class 1080p LCD HDTV

Product specifications

Picture/Display

- Aspect ratio: Widescreen
- Diagonal screen size: 50 inch / 66.04 cm
- Visible screen diagonal (inch): 49.5 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
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: Shared audio L/R in, YPbPr
- 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: 110 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): 46.3 x 28.2 x 4.6 inch
- Set dimensions with stand in inch (W x H x D): 46.3 x 30 x 10.7 inch
- Product weight (lb): 44.54
- Product weight (+stand) (lb): 47.62 lb
- Box dimensions in inch (W x H x D): 56.2 x 32.2 x 9 inch
- Weight incl. Packaging (lb): 58.21
- VESA wall mount compatible: 400 x 400 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 1920x1080p Display

This display has Full HD resolution. This is the highest resolution that HD broadcast scan 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 color. This vibrant and sharp images will provide you with an enhanced viewing experience.

Dynamic Contrast

This special picture processing technology seamlessly delivers vibrant images in bright scenes and reproduces deep blacks and accurate rendering of darker shades in dark scenes. You get clear images with enriched color and contrast for the ultimate LCD picture performance.

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.

3 HDMI Inputs

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 possible output resolution with the source device. The HDMI input is fully backward compatible with DVI sources and incorporates digital audio signals. HDMI uses HDCP copy protection.

VGA Input

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

fun-Link

fun-Link allows one remote control to operate your TV and TV-connected devices, including Blu-ray players and home theater systems.

