

TXM2797HF

flat

27" DynaFlat™ HDTV Monitor
High Definition Monitor with 1080i Input



Video

- 4:3 DynaFlat™ HDTV Anti-Distortion/Anti-Glare CRT
- Digital TV High Definition Monitor
- ProPicture™ 3-Stage Video Enhancement
 - Total DSP (Digital Signal Processing), Converts Standard Analog TV Signals to Digital, Compensates for Varying Signal Strengths
 - ProChip™ Plus Progressive Scan Display
 - Defining Filter 3 Line Combing Technology
- Invar Shadow Mask
- Velocity Scan Modulation

Convenience

- 2 Sets of Dual Digital HD Component 1080i/480p/480i Jacks
- 3:2 Pull Down
- BBE Digital Sound Clarifier
- 1 S-Video Input
- 1 Side & 3 Rear A/V Inputs
- 1 Rear A/V Monitor Output
- Universal Remote
- Side speaker Design

Audio

- 30 Watts Audio Output
- 2-Way Sound System



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27" DynaFlat™ HDTV Monitor
High Definition Monitor with 1080i Input



TV / VIDEO

4:3 Aspect Ratio

DTV HDTV Monitor with add-on DTV receiver/decoder that outputs 1080i or 480p **Pro Chip™ Plus Natural Scan Line Doubling System** converts NTSC to 480p and dramatically improves any video source to 480p progressive picture quality

V-chip system¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content

Up to 800 Lines of Horizontal Resolution Velocity Scan Modulation reduces blurring and ghosting for a picture with sharply defined edges and outlines

Defining Filter 3 Line Combing Filter Technology minimizes dot crawl distortion keeping edge detail extra sharp

Invar Shadow Mask alloy material allows increased focus and brightness without sacrificing color purity

Dark Tint Picture Tube minimizes reflections and improves colors & picture contrast

Dynamic Black Level Expansion & White Peak Limiter further improves picture contrast

Auto Kinetic Bias automatically regulates the white balance to maintain consistent, optimal performance even after many years of use

Digital Chassis increases overall reliability
3:2 Pull Down: corrects inherent flaws in frame transfer rates from film making a smoother picture with less distortion

4 Video Presets optimize the picture for the type of program being watched. Presets: Standard/Dynamic/Movie/Custom

CaptionVision (CC) displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos

Low Noise Amplifier can improve TV performance in weak-signal area

Digital Video Noise Reduction can be used to improve picture quality

Vertical Compression maintains vertical resolution and quality during "anamorphic" widescreen sources such as DVD

181-Channel Synthesized Tuning

Energy Star Compliant¹ to help lower energy consumption

CONVENIENCE

Plug & Play Setup uses automation and a simple menu to select the source (broadcast or cable), set the clock², and map the active channels

Universal Remote controls most brands of VCRs, DVD players and cable boxes

Auto Clock Set reads the XDS broadcast signal² to display the correct date and time even adjusting for daylight savings time

Auto Volume Leveler keeps audio volume consistent during channel changing to minimize static sound bursts

Auto²/Manual Channel Labeling assigns on-screen channel labels (e.g.-NBC, ESPN, VH-1)

Front-Panel Menu Button for accessing menu settings without the remote control

Remote Surf™ Timer returns TV to original channel so other channels can be browsed during commercial breaks

Non-Volatile Memory preserves audio, video and menu settings during power outages

Auto Channel Programming memorizes only active broadcast and cable channels. Manual add/delete option included

Previous Channel button permits switching back and forth between two channels

Trilingual On-Screen Displays in English, Spanish and French

Translucent On-Screen Menu System simplifies setup via drop-down bar that clearly identifies all video, audio, time and setup options

Variable Sleep Timer to turn the TV off in time intervals from 10 minutes to six hours

Self Diagnostic System displays help messages to facilitate proper setup and operation

Color Temperature Controls Normal, Warm and Cool selectable with On-Screen Display

Picture Modes: Normal, Zoom 1, Zoom 2 and Wide with position up or down controls

allows the viewer to customize a DVD wide screen image

Picture Freezing stops the action as a still frame

Channel scan

Auto color correction

Auto picture mode

AUDIO

Stereo Broadcast Reception

Surround Sound

30 Watts Total Audio Output

BBE Digital Sound Clarifier circuitry that makes audio clearer and more understandable

Second Audio Program (SAP) capability

Selectable Headphone Sound

CONNECTIONS

2 Sets of Dual Digital HD Component

1080i/480p/480i Jacks Auto senses analog or digital signals (Y/Pb/Pr) allows the best quality video hook up of a DVD, Progressive Scan DVD, some newer games devices, and a DTV Tuner.

S-Video Input 1 side for superb picture quality

1 Rear A/V Monitor Output

1 Side and 3 Rear A/V Inputs

Stereo Headphone Jack on side panel

RF Input: Rear

QUALITY

Extended Warranty: 1 year parts and labor warranty (90 days parts and labor for commercial use), with in-home service, backed by Samsung toll-free support

SPECIFICATIONS

Picture Tube: 27" CRT measured diagonally

TV System: American NTSC standard color

Channel Coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UHF 75-ohm, F-type

Audio Power: 15 watts RMS/channel right & left internal speakers

Power Requirements: 120W AC, 60Hz

Power Consumption: 190 watts

DIMENSIONS

Net Dimensions (WHD):

29³/₁₆" x 22⁷/₁₆" x 19⁵/₈"

Net Weight: 101¹/₂ lbs.

Shipping Dimensions (WHD):

33⁷/₈" x 26⁵/₈" x 22¹³/₁₆"

Shipping Weight: 113¹/₂ lbs.

TO ORDER

TXM2797HFX/XAA

UPC CODE

036725227972

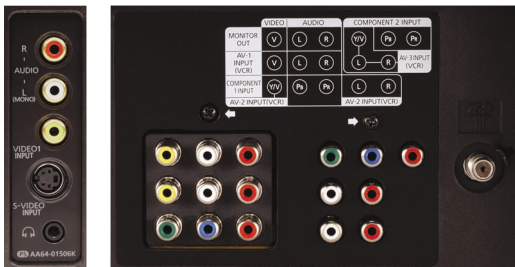
¹an Energy Star partner, Samsung has determined that this product meets the Energy Star guidelines for energy efficiency. Energy Star is a registered trademark of the U.S. Environmental Protection Agency.

²Feature dependent upon broadcasting of information by local off-air TV and cable channels.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate. Remote Surf is a trademark of Samsung Electronics America, Inc. All brand, product, service names and logos are Trademarks of their respective manufacturers and companies.

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Side Jacks

Rear Jacks



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