



The Samsung DynaFlat™Pro TXN2745FP television features a progressive scan flicker-free picture and is fully compatible with the newer progressive scan DVD players unlike regular interlaced TVs. Progressive scan presents all the lines available at once (instead of in groups of odd then even lines) eliminating blurring, color shift, and interline flicker. Samsung's progressive scan provides rock steady text, solid edges, and better detail. The DynaFlat™ ED anti-distortion, anti-glare flat picture tube scans at 480p. With 2 sets of 480i/480p inputs, a newer game console and a progressive scan DVD Player can both be plugged in simultaneously. Samsung's 3:2 pull down feature fixes the inherent flaws found in some film to video transfers, eliminating stuttering and blurring associated with the transfer process. The Samsung TXN2745FP is a digital TV, with a better progressive scan picture, at an exceptional value.

ED flat TXN2745FP

27" DynaFlat™Pro Progressive Scan 480p DVD Compatible Digital TV

TV/VIDEO

- DynaFlat™Pro Displays All Signals in the Better Progressive Scan
- Digital TV- Enhanced Definition Television Monitor 480p Display
- Progressive Scan 480p DVD Compatible
- DynaFlat™ ED Anti-Distortion, Anti-Glare Flat Picture Tube
- New Finer Pixel Dot Pitch Improves Picture Resolution and Brightness
- Pro Picture 3-Stage Video Correction
 - Total DSP (Digital Signal Processing) Analog to Digital Signal Processing
 - Pro Chip Plus Converts All Analog Signals to Flicker-Free Progressive Scan
 - 3-Line Digital Comb Filter
- Velocity Scan Modulation Improves Edge Detail
- 3:2 Pull Down Film to Video Frame Rate Correction
- Vertical Compression for Anamorphic DVDs
- Universal Remote Control
- Convenient Front Panel Control Key Buttons for Accessing Menu Settings Without the Remote
- Easy Navigation With Translucent On-Screen Display
- Normal, Wide, & Zoom Screen Filling Modes

AUDIO

- Stereo Broadcast Reception
- 15-Watt Side Speaker Audio System With Sound Preset Options
 - Sound Preset Modes Include Standard, Movie, Music, Speech, & Custom

CONNECTIONS

- 2 Sets of Auto Sensing 480p/480i (Y/Pb/Pr) Component Inputs
- 3 Rear A/V Composite Inputs, S-Video Input, A/V Outputs, and Side A/V Inputs



DYNA FLAT PRO

ENHANCED DEFINITION TELEVISION
EDTV 480p
MONITOR

ED flat TXN2745FP

27" DynaFlat™ Pro Progressive Scan 480p DVD Compatible Digital TV

TV/VIDEO

4:3 Aspect Ratio

Display Format 480p Progressive Scan

Full Sounding Side Speaker Design (Silver Cabinet)

Progressive Scan 480p DVD Compatible:

accepts a 480p signal via a component input from a Progressive Scan DVD Player or game console.

DynaFlat™ ED Anti-Distortion, Anti-Glare High Resolution Flat Picture Tube

New Finer Pixel Dot Pitch DynaFlat™ ED CRT improves picture resolution and brightness with a greater amount of individual picture elements being illuminated.

Dynamic Multiple Focus Electron Gun

achieves better spot focus, greater corner to corner focus, and presents higher resolution picture quality.

Pro Picture 3-Stage Video Correction

- Total DSP (Digital Signal Processing): analog to digital signal processing improves picture quality.
- Pro Chip Plus converts all analog signals to the better Flicker-Free progressive scan.
- 3-Line Digital Comb Filter analyzes multiple lines of picture information to better minimize edge image artifacts while improving transition detail.

Maximum of 800 Lines Horizontal Resolution

Velocity Scan Modulation sharply defines edges and outlines by controlling the speed of transitions between the black and white portions of the signal.

3:2 Pull Down: Correction for film productions that are transferred to video. 3:2 Pull Down compensates for inherent flaws in film (24 frames per second) to video (30 frames per second) frame rate transfers, making a smoother picture with less motion distortion.

INVAR Shadow Mask: An alloy material used for consistency of focus and brightness without sacrificing color purity.

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

4 Video Presets optimize the picture for the type of program being watched. Presets: Standard/Dynamic/Movie/Custom with user adjustable brightness, contrast, sharpness, color, and tint.

Vertical Compression maintains vertical resolution and quality during "anamorphic" wide screen sources such as DVD.

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

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

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

Digital Video Noise Reduction can be used to improve picture quality.

181-Channel Synthesized Tuning

Digital Chassis increases overall reliability.

CONVENIENCE

Convenient Front Panel Control Key

Buttons for accessing menu settings without the remote.

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

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

Previous Channel button permits switching back and forth between two channels.

Variable Sleep Timer to turn the TV off in varying time intervals.

CaptionVision (CC)¹ displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

V-Chip System¹ allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

Easy Navigation with a Translucent On-Screen Menu Display that allows the user to make control setting adjustments while continuing to view the picture in the background.

Trilingual On-Screen Display English, Spanish or French.

Screen Filling Picture Modes: Normal, Zoom 1, Zoom 2 allows custom screen image fitting.

Screen Capture Picture Freezing stops the action as a still frame.

Plug & Play Setup uses automation and simple menus to select the source (broadcast or cable), set the clock, and map the active channels.

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

Clock with On/Off Timer.

Auto Clock Set¹ reads the XDS broadcast signal to display the correct date and time even adjusting for daylight savings time.

Channel Labeling assign on-screen channel labels (e.g.-NBC, ESPN, VH-1).

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

Self Diagnostic System displays help messages to facilitate proper set-up and operation.

AUDIO

Stereo Broadcast Reception (MTS and SAP)

15-Watt Total Audio Sound System

Surround Sound Mode

Preset Sound Modes include Movie, Music, Speech (focuses on dialog and reduces background), and Custom (allows detailed sound adjustments).

Second Audio Program (SAP) capability.

Auto Volume Leveler keeps audio volume consistent during channel changing.



Side Jack Panel



Rear Jack Panel

CONNECTIONS

2 Sets of 480p/480i (Y/Pb/Pr) Component

Input connections allows for the best quality video hook up of a DVD, Progressive Scan DVD, some newer game devices, and/or a digital tuner (See Owner's Manual for details).

S-Video Input: 1 Side

A/V Fixed Monitor Output: 1 Rear

Side A/V Inputs (Present a cleaner looking front cabinet.)

3 Sets of A/V Composite Inputs: 3 Rear

RF Input: Rear

QUALITY

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

Energy Star Compliant² reduces energy consumption by up to 25% compared with standard TVs.

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: 7.5W x 2

Power Requirements: 120W AC, 60Hz

Power Consumption: 190W (1.9W standby)

NET DIMENSIONS AND WEIGHT (WxHxD)

Monitor: 29.7" x 22.4" x 19.6"

Monitor Weight: 101.4 lbs.

SHIPPING INFORMATION (WxHxD)

Monitor: 33.1" x 26.6" x 22.8"

Monitor Weight: 113.5 lbs.

MONITOR

UPC: 036725227255

Order Code: TXN2745FPX/XAA

¹Feature dependent upon broadcasting of information by local off-air TV and cable channels.

²An 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.

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503-SS Printed in USA.

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