

TOSHIBA

56HMX96

56" (measured diagonally) Cinema Series®
720p DLP® Television

KEY FEATURES

VIDEO

- PixelPure Hi-Bit™ 12-Bit Digital Video Processing
- TALEN™ 5 720p DLP® Television Engine
- Radiance 150™ Hi-Bright Lamp with Quick Restart™
- ColorMaster™ Color Management System
- 4-Mode Dynamic Contrast

AUDIO

- Scoop Cabinetry with SoundStrip™ Speaker System
- SRS® WOW™ (3D, TruBass®, FOCUS®)
- 2-Way Speaker System
- TruSurround® 5.1 digital
- StableSound®

CONVENIENCE

- ATSC/NTSC/QAM Digital TV Tuning with CableCARD™ Slot (DCR)
- Dual HDMI™ Digital Inputs
- PC Input (15 Pin D-Sub)
- THINC™ RJ-45 Network Capability
- TV Guide On Screen™
- HD Window™ POP
- 6-Item Illuminated Home Theater Universal Remote¹



shown on optional stand

ADVANTAGE TOSHIBA

TALEN™ 5 720p Light Engine with DEEP Picture™ (Digitally Enhanced Engine Performance).

PixelPure™ Hi-Bit 12-Bit Digital Video Processing means a smooth transition from dark parts of the picture to light, with 4,096 levels of gradation, for significantly more natural images.

Colormaster Color Management System offers individual control of the hue, saturation and brightness for 6 individual colors.

SRS® WOW™ and SRS TruSurround 5.1 greatly improves audio performance with improved fidelity and wider "sweet spot" for the listener.

Black Scoop Design cabinet holds SoundStrip™, 2-way speaker system for big speaker sound from a slim cabinet.

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TECHNOLOGY & BENEFITS

TALEN™ 5 720p DLP® Engine - Incorporates 5th generation DLP technology from Texas Instruments for our best 720p picture yet.

Radiance 150™ Hi-Bright Lamp with Quick Restart™ - This high quality lamp is 25% brighter, for increased brightness without losing contrast. Quick Restart means that this great picture is only a moment away.

PixelPure™ Hi-Bit 12-Bit Digital Video Processing - Using 12-bit picture processing (up to 14 bit internally!), We can create 4096 steps of gradation (steps between the whitest white, to the blackest black). That's an improvement of 16X from our 2005 sets, and will also incorporate improvements in areas such as: real speed progressive scanning, video noise reduction, sharpness, and gamma control to set a new standard for picture quality.

Four Step Dynamic Contrast - Allows the user to customize the picture based on such factors as source material and ambient lighting conditions.

AUDIO

Scoop Cabinetry Design with SoundStrip™ Speaker System - Uses a thin-line speaker system with enhanced dynamic range yields big speaker sound in a new cabinet that produces a 56" DLP that has greatly reduced height and width (67-1/16" W x 41 15/16" H).

StableSound® - Reduces unwanted volume fluctuations (eg. during commercials) by keeping volume within set levels, for easier listening.

SRS® WOW™ (3D, TruBass®, FOCUS®) - SRS® WOW™ technology takes the performance of the television's existing speakers to a whole new level, offering superior sound quality with no additional speakers required. SRS WOW consists of three separate sound-expanding systems which work together to extract "buried" highs and lows. The three systems are SRS 3D, TruBass, and FOCUS. SRS 3D creates a three-dimensional sound field from just two speakers, thus giving the listener the feeling of hearing a multi-speaker surround sound system.

CONVENIENCE

ATSC/QAM/NTSC Tuner with CableCARD™ Slot - Enables tuning of off-air, unscrambled, and scrambled (using cable company provided CableCARD™) for maximum HDTV reception flexibility.

Dual HDMI™ Digital Inputs - Includes both uncompressed digital video and digital audio in one convenient cable for connections from the latest home theater components.

6-Item Illuminated Universal Remote - This universal remote will operate a home theater system and, at the touch of a button, is fully backlit for ease of operation at night.

PC Input (15 Pin D-Sub) - For use as a monitor for added flexibility.

TV Guide On Screen™ - Provides an easy to ready, interactive listing of television shows to view or record along with the supplied IR blaster, greatly simplifies recording to a VCR or DVR, just highlight the show, and begin recording.

THINC™ RJ-45 Network Capability - Allows access, through your existing home network, to your library of JPEG and MP3 files using only the TV's remote control, even through your connected home theater!

HD Window™ POP - Allows viewing of two sources side-by-side, in their correct aspect ratio.

¹In some cases, the remote control may not operate additional devices or certain features of such devices, in which case, it is suggested that you use the original remote control for the applicable device.

SPECIFICATIONS

	Pixel Format (H x V)	1280 x 720 (HD5)
	Screen Pitch (mm)	0.15
	Lamp Power (W)	150
	NTSC 191 Channels	X
	QAM (135 channel)	X
	480i/480p/720p/1080i input	X
	PC Input	X
VIDEO	VGA (640 x 480)	(60 Hz)
	S-VGA (800 x 600)	(60 Hz)
	XGA (1024 x 768)	(60 Hz)
	AC Input	120V (60 Hz)
	Typical (W)	215
	Active Standby POD card/no-card (W)	28/24
	TV Guide On Screen™	Gemstar
	Reminder / Recording	X
	Closed Caption	X
	V-Chip	X
	Stereo	MTS/SAP
	Picture Modes	X
	1080i / 720p	4 mode (w/o 4:3)
	480i / 480p	5 modes
	Auto Aspect	X
	Double Window	X
	Screen Freeze	X
	Comb Filter	3D Y/C
	Real Digital Picture	X
	Magic Square Algorithm	X
	DNR	480i / 480p / 720p / 1080i
	MPEG NR	480i / 480p / 720p / 1080i
	Dynamic Contrast	Low/Middle/High/Off)
	Vertical Edge Enhancer	X
	3D-Color Management	X
	Color Temperature Control	X
	Picture Mode (Sports/Standard/Movie/Preference)	X
	Fine Cinema (without HDMI)	480i
	Lamp Mode (150W/120W)	X
	Game Mode	X
AUDIO	Surround Sound	X
	SRS® WOW™	X(SRSTruSurround 5.1 digital)
	Dolby Digital®	X (Virtual Dolby Digital®)
	Audio Output Power	20 Watts
	Two Way Speaker System	X
	IR Pass Through	X
	G-Link	X
	CableCARD™	X
	Service Port	(SD connector)
	Clock	X
	On / Off / GameTimer™	X
	Sleep Timer	X
	Panel Lock	X
	No Signal off / mute	X
	Selectable Picture	X
	Channel Return	X
	Channel Browser™	X
	Auto Search Memory	X
	Trilingual OSD	X
	Picture Viewer (JPEG file playback)	Ethernet
	Audio Player (MP3 file playback)	Ethernet
TERMINALS	RF Input	2
	Audio/Video Inputs	2
	S Video Inputs	2
	ColorStream® HD Inputs	2
	HDMI™ Digital Inputs	2
	PC Input (15 pin Dsub)	X
	PC Audio Input	X
	Video Output	X
	Variable Audio Output	X
	Digital Audio Output	OPTICAL
	RJ-45 Ethernet	1
	IR-Cable	yes (1)
	Remote	CT-90256
	Unit (WHD)	52.36 x 33.74 x 18.39
	Carton Width (WHD)	58.50 x 39.80 x 22.56
	Weight (lbs)	72
	Weight (Carton) lbs	97
	UPC Code	022265251584