

# DIGITAL MEDIA SERVER • S D - H 4 0 0



SERIES 2™



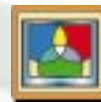
Toshiba is proud to announce the combination of two great technologies in one easy-to-use system—the SD-H400 Digital Media Server.

## TiVo® Series 2™ Digital Video Recorder

### New TiVo Basic Service included

- Up to 3 days advance program guide to record your favorite program
- Control Live TV—pause, rewind, instant replay
- Fully upgradeable to TiVo Plus service and TiVo Home Media Option

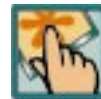
## Key Features



Digital Cinema Progressive with 3:2 Pulldown for both DVD & TiVo Playback  
Super ColorStream® Pro Output for both DVD & TiVo  
Up to 80 hours of recording on TiVo Series 2™ hard drive



DVD/DVD-R/RW/VCD/CD/CD-R/RW/MP3 Playback  
Spatializer® Virtual Surround Sound  
192kHz/24-bit Digital Audio Converter  
Optical and Coaxial Digital Outputs



Easy-to-use TiVo User Interface  
Picture-Zoom  
Multi-Brand Remote Control

## Advantage Toshiba

- High performance progressive scan DVD player and TiVo Digital Video Recorder for a complete one-box solution
- Digitally record up to 80 hours of your favorite programs onto built-in hard drive
- Super ColorStream Pro® Component Video Output for both DVD and TiVo playback
- 10-Bit/54MHz Video digital-to-analog conversion with High Resolution Filter for maximum color purity, detail, and resolution
- Front Panel Menu Control offers full DVD/TiVo menu navigation

SUPER  
COLOR STREAM PRO

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## Technology & Benefits

### DVD and TiVo Technology

#### Super ColorStream Pro<sup>®</sup> Component Video Outputs

These outputs allow the highest quality video signal to be sent from the DVD player to a component video equipped progressive scan TV. When this connection is utilized with today's HD-compatible sets, typical NTSC artifacts—like video noise, dot crawl, and flicker—are virtually eliminated, resulting in a low-noise, highly detailed picture with unequaled color purity. A special digital filter enables four times oversampling of the Y, Pr, and Pb signals while the 54mHz video clock speed processes the entire video signal, extending the resolution to 540 lines.

#### Digital Cinema Progressive (3:2 Pulldown)

Delivers the smoothest, most film-like images to any progressive scan television, such as an HD-compatible one, and ensures maximum resolution.

### DVD Terms and Technology



#### Video Black Level Expansion and PLUGE

Grayscale in video is measured and tracked on a scale of 0 (black) to 100 (white) IRE units. In NTSC video we have traditionally assigned the 7.5 IRE value as being the black cutoff in a picture. The EXPANDED mode in the "Video Black Level Setting" menu enables Toshiba DVD players to output a 0 IRE signal for richer, deeper black tones in every image.

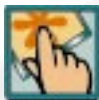


#### (E.A.M.) Enhanced Audio Mode

This feature includes three modes: NORMAL (off mode), 3-D (virtual surround sound enhancement from multichannel content), and DIALOGUE Expander (which enhances center channel [dialogue] frequencies during playback of multichannel content). Benefit of DIALOGUE: Great for "late night" listening when volume levels are low but dialogue intelligibility is of concern.

#### 181-Channel NTSC Tuner

For easy off-air recording and Auto Channel setup.



#### Power Picture Zoom

This interactive feature allows you to select an area of the picture you want to zoom in on and magnify it. Enhanced digital processing during moving video or freeze-frame playback produces superior color fidelity and resolution, even when you're zoomed in. Also can be used to expand letterbox-only films to increase the viewable area on-screen.

### TiVo Digital Video Recorder Terms and Technology

#### Digitally record up to 80 hours of your favorite programs

#### New TiVo Basic<sup>™</sup> Service included

- Easy recording from up to 3 day on screen program guide
- On-screen TiVo channel banner with program description
- Manual recording capability including scheduling, repeating, recording of specific time and channel slot via the on-screen user interface
- On-screen display of recorded content with program name, rating, station identifier, time and date
- Control Live TV — pause, play, slow motion, rewind, instant replay, and frame backwards for live TV



#### TiVo Plus<sup>™</sup> Capable\*

User can upgrade to TiVo Plus<sup>™</sup> Service which includes features such as:

- 14 day program guide
- TiVo Season Pass<sup>™</sup>—automatically finds and records every episode of a series all season long, even if the network schedule changes.
- Thumbs ratings and TiVo's suggestions for programming, based on viewers' preferences.
- Search by title—lets users find programs by title.
- Wish-List<sup>™</sup>—finds and records programs featuring your favorite actor, director, team or even topic.
- Additional recording options such as skip reruns
- View Upcoming Episodes which lists broadcasts of a particular program on all channels.
- TiVo To Do List—displays a list of programs to be recorded in the future.

#### TiVo Home Media Option Capable\*\*



- Home Media Option adds networking capability to your TiVo experience.
- Connect two TiVo units (via USB or wireless) to your existing home network and view recordings from one TiVo unit to another in a separate room.
- Enjoy your digital MP3 collection from the comfort of your living room.
- View digital photos from your PC from the comfort of your couch.
- Remote Scheduling—schedule recordings of shows at any time or anywhere you have Internet access and a standard web browser.

\*Subscription fee required. For details visit [www.tivo.com](http://www.tivo.com) \*\*Subscription to TiVo Plus service and additional one time fee required. For details, visit [www.tivo.com](http://www.tivo.com)

## Specifications

Disc Qty	1	AUDIO		Multi-Language Select	X	NETWORK CONNECTIVITY	
Disc Play	DVD/VCD/ CD-R/CD-RW/CD/DVD-R*	D/A Converter	24Bit/192kHz	Multi-Subtitle Select	X	Modem (V.34)	1
		Dolby Digital/DTS Output	X	Remote Control	X	USB (2.0)	
		MP3 Audio	X	TERMINALS			
VIDEO		Dialogue Expander for DVD only	X	Y/Pr/Pb Out	1 set	Weight	TBD
D/A Converter	10Bit/54mHz	Virtual Surround	Spatializer <sup>®</sup>	S-Video	1	Box Weight	TBD
Component Video		EXTRA		RCA-Video	1	Player Dimension (WHD)	430 x 78 x 350mm
Output	Super ColorStream Pro <sup>®</sup>	JPEG Viewer with TiVo Home		RF	1	Carton Dimension	TBD
Progressive Scan	X	Media Option Upgrade	X	Optical Out	1	UPC Code	022265960004
3:2 Pulldown	Digital	Zoom	16x Power Picture	Coaxial Out	1	*CD-R/CD-RW discs recorded by CD-DA method can be played back. Some CD-R/CD-RW discs may be incompatible due to laser pick-up and disc design. DVD-R discs recorded by DVD Video method can be played. Some DVD-R discs may be incompatible due to laser pick-up and disc design. MP3 and JPEG discs may be incompatible due to different recording format or condition of disc.	
Resolution	Cinema Progressive	Screen Saver	X	L-R Audio	1 pair		
Black Expander	X	Auto Clock Set	X	IR Out (Cable/DBS)	1		
PLUGE	X	Front Panel Operation	X	Serial Control (RS-232)	1		
Enhanced Picture Modes	X	OTHER					
Video DNR	X	Scan	x2/x8/x30/x100				
		Slo-Motion	1/8, 1/4, 1/2				
		Parental Lock	X				
		Multi-Camera Angle Select	X				

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<http://www.toshiba.com/taop> Customer Service: 800.631.3811

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