



KEY FEATURES



- 160GB Hard Disc Drive
- Multi-Drive Playback and Recording with DVD-RAM/DVD-R/DVD-RW* Compatibility
- Digital Cinema Progressive Scan
- ColorStream Pro® Component Video Output
- 3-D Y/C Comb Filter/Video DNR for Recording
- 3-D, Block and Mosquito Video Noise Reduction for Playback
- JPEG Viewer



- LPCM/Dolby® Digital (2Ch) Audio Recording (based on mode)
- WMA & MP3 Playback
- 24-Bit/192kHz Audio D/A Converter
- 3-D Virtual Surround Sound
- Optical TosLink® Digital Audio Output



- EASY NAVI Menu
- TV Guide On Screen™ IPG
- IR Blaster for Cable Box Control (G-Link)
- Front Panel A/V, S-Video & IEEE1394DV Inputs
- Time Slip, Chase Play and Live Chase Play "Pause Live TV"
- High-Speed Dubbing

ADVANTAGE TOSHIBA

- >> 160GB Hard Disc Drive (HDD) with over to 135 hours of digital record time using the 2.2mbps LP mode and even more with lower bit rates
- >> Toshiba's Multi-Drive Recorders allows users to record and playback their favorite videos in stunning MPEG-2 digital video on DVD-RAM, DVD-R, or DVD-RW formatted discs
- >> Preset bit rates and audio settings for 11 different recording options plus one user adjustable setting, including selections for LPCM audio recording
- >> High-Speed Dubbing from HDD with DVD-RAM (24x max) and DVD-R (32x max)
- >> ColorStream Pro® Progressive Scan Component Video Outputs compatible with today's finest analog and digital televisions for delivery of stunningly colorful images
- >> TV Guide On Screen™ IPG allows users to schedule programs to record using the easy to use TV Guide functionality
- >> Time Slip Recording/Playback offers the user the ability to begin watching a recording that is already in progress, or 'pause' a live recording and then return to it later using DVD-RAM media or the Hard Disc Drive

RD-XS34

TECHNOLOGY & BENEFITS



VIDEO

>> **160GB Hard Disc Drive (HDD)** - This drive, similar to what is used in a personal computer, can store recorded broadcast programming and dubbed content. The RD-XS34 will allow high-speed dubbing from the HDD to a DVD-RAM, DVD-R or DVD-RW without any deterioration of the digital MPEG-2 signal and provides instant access to recorded programs. So forget about searching for blank videotape when you want to record, simply hit RECORD and let the HDD do all the work.

>> **Multi-Drive Recorder** - Toshiba Multi-Drive DVD recorders are multi-format DVD recorders designed to provide the greatest flexibility in recording and playback by supporting DVD-RAM, DVD-R, and DVD-RW* recordable disc formats. The right format for every application:

- DVD-RAM is the most flexible of the recordable DVD formats when it comes to recording, editing and playback. Even more, re-record content approximately 100,000 times!

- DVD-R is a write-once format perfect for sharing treasured video moments with virtually anyone who has a DVD-Video player.

- DVD-RW* can rewrite content up to 1000 times and playback in a wide variety of computer drives and DVD-Video players

>> **ColorStream Pro® 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.

>> **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.

>> **Auto Title/Chapter/Thumbnail Creation** - Recorded content remains easy to find with the help of a menu that will be automatically created when you record. It displays the date and channel you recorded, along with a thumbnail of your recording by capturing the first video frame of the recording. The date and channel can be change to any 64-character title and the thumbnails to any image within the recording. Chapters within the recording can also be created by either predetermined intervals, or by the user selecting specific points within the recording. These chapters can also be named and assigned a specific thumbnail from any video frame within the chapter.

AUDIO

>> **WMA & MP3 Playback** - Recordable Compact Discs (CD-R & CD-RW) with music stored in either the Windows Media™ Audio or MP3 file formats can be enjoyed.

CONVENIENCE

>> **EASY NAVI Menu** - An entry menu portal that provides quick and easy access to key features of the DVD recorder, such as Timer Recording or DV Capture. Additionally the EASY navi displays a "live action window", providing feedback to the user on the current status of the recorder, whether it is recording a program, in the Time Slip mode, or playing back content with DVD-RAM or HDD.

>> **TV Guide On Screen™** - This Interactive Program Guide provides an easy to read listing of the television programs available to view or record. The full 2004 version incorporated in the RD-XS34 provides: an 8-day program listing, flexibility of recording directly to DVD or the HDD, the ability to perform keyword searches for locating favorite programs and includes the G-Link IR Blaster for controlling cable boxes. When recording television programs, the name of the show, along with the channel and date, are automatically captured.

>> **Chase Play & Live Chase Play (Pause Live TV)** - Chase Play allows the user to begin watching a recording that is already in progress. The Live Chase Play feature lets you 'pause' a live recording and then return to it later. During playback of both modes, a bar graph can be displayed on-screen depicting the 'progress' or location of the playback signal with regards to the real time recorded signal.

>> **Front Panel A/V & IEEE 1394 DV Inputs** - There are composite audio & video inputs, as well as RCA L/R inputs on the front panel of the unit for easy camcorder dubbing. Additionally, an IEEE 1394 Firewire® jack is also available on the front panel for interfacing compatible digital video camcorders. Provides automatic recognition of the device and on-screen menu controls to easily direct the "downloading" process with the recorders remote control.

SPECIFICATIONS

DVD	Disc Qty	1
	Disc Play	DVD-Video/DVD/CD/CD-R/CD-RW**/ VCD/SVCD/DVD-R/DVD-RW/DVD-RAM
VIDEO	Disc Record	DVD-RAM, DVD-R, DVD-RW*
	Hard Disc Drive	160GB
	Video D/A	10-Bit/54MHz
	Component Video Output	ColorStream Pro® Progressive Scan
	3:2 Pulldown	Digital Cinema Progressive
	125-Channel Tuner	X
	3-D Y/C Comb Filter	X
	Black Level Expansion	X
	0 IRE / 7.5 IRE Recording Selection	X
	Digital Video Noise Reduction Recording	3D-DNR
	Digital Video Noise Reduction Playback 3 D,	
	Block and Mosquito DNR	X
Simultaneous Recording & Playback	X	
Chase Play & Live Chase Play (Pause Live TV)	X	
Digital Time Base Correction	X	
Instant Replay, Instant Skip	X	
On-Screen Camcorder Download Controls	X	
JPEG Viewer	X	
Fast Forward with Audio 1.5	X	
Fast Scan, Slow Motion	X	
Audio D/A	24-bit/192kHz	
AUDIO	Dolby® Digital/DTS® Compatible	X
	WMA & MP3 Playback	X
	3-D Virtual Surround Sound	X
	Auto Clock, Daylight Savings Time Adjust	X
	Time Zone Adjust	X
CONVENIENCE	One-Touch Record	X
	Auto Title/Chapter/Thumbnail Creation	X
	On-Screen Keyboard, EASY NAVI Menu	X
	TV Guide On Screen™	X
	Auto Channel Setup	X
TERMINALS	Parental Lock	X
	High-Speed Dubbing	DVD-RAM (24x max) DVD-R (32x max)
	Remote Control	Universal with TV Controls
	TERMINALS	
	<i>Outputs (rear panel)</i>	
	Y/Pr/Pb	1 set
	S-Video	1
	RCA-Video	1
	L-R Audio (pair)	1
	Optical Out	1
RF	1 (tuner pass through only)	
IR Blaster	G-Link IR Control for Cable boxes	
TERMINALS	<i>Inputs</i>	
	S-Video	1 front & 2 rear
	RCA-Video	1 front & 2 rear
	L-R Audio (pair)	1 front & 2 rear
	IEEE 1394 DV	1 front
	RF	1 rear
	Dimension (WHD)	17" x 2-1/2" x 13-1/4"
UPC Code	022265411698	

*DVD-RW Recording in the Video Format only. Playback with VR or Video format.

**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. WMA, MP3 and JPEG discs may be incompatible due to different recording format or condition of disc.

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

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