



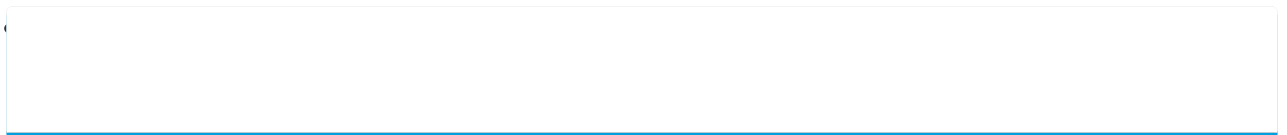
# **TOSHIBA**

Toshiba SD-R2412 User Manual

Cd-rw/dvd-rom combination mobile drive



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TOSHIBA AMERICA INFORMATION SYSTEMS  
STORAGE DEVICE DIVISION  
IRVINE, CALIFORNIA

**SD-R2412 TOSHIBA**

**CD-RW/DVD-ROM COMBINATION MOBILE DRIVE  
USER MANUAL**

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### [CD/CDR Drive Toshiba SD-R1002 Installation Instructions Manual](#)

Cd-rw/dvd-rom drive (12 pages)

### [CD/CDR Drive Toshiba SD-R2102 User Manual](#)

Cd-rw/dvd-rom combination mobile drive (12 pages)

### [CD/CDR Drive Toshiba SD-R1512 User Manual](#)

Cd-rw/dvd-rom combo drive (17 pages)

### [CD/CDR Drive Toshiba SD-R2212 User Manual](#)

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Cd-r/cd-rw drive (31 pages)

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(12 pages)

### [CD/CDR Drive Toshiba XM-6802B User Manual](#)

Cd-rom drive (15 pages)

## Summary of Contents for Toshiba SD-R2412

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### [Page 3: Introduction](#)

INTRODUCTION - SD-R2412 General Features CD-RW disc write/rewrite at 4X and 10X CD-R disc write at 8X - 24X Lead (Pb) Free Printed Circuit Board 3-way Disc Eject (eject button, software, emergency eject hole) Average Access Time 90ms DVD-ROM 100ms DVD-RAM 170ms Horizontal or Vertical Mount...

[Page 4](#) Front Panel Figure 1.SD-R2412 CD-RW/DVD Combo Drive Front Panel Loading Load disc using tray. Tray Busy The LED lights green or amber when the drive is operating (LED is amber when drive is writing.) Indicator The Eject button is used to open the disc tray so you can install or remove a disc. Eject Button Emergency...

### [Page 5: Setup](#)

Toshiba's SD-R2412 drive does not require any unique device drivers for Windows '98/2000/XP/NT. After installing your drive and re-booting, your system should recognize your drive. Win '98/2000/XP/NT Operating Systems support all Toshiba's ATAPI drives natively. If you prefer using DOS, download the ATAPI driver from our web site.

### [Page 6: Using The Cd-Rw/Dvd-Rom Combo Drive](#)

USING THE CD-RW/DVD-ROM Combo Drive - SD-R2412 Drive Operation Inserting Media To insert media perform the following steps: Figure 1.Inserting Disc 1. Open the drive's loading tray

by pressing the Eject Button and pulling out the tray. 2. Place media disc into drive's loading tray, and lightly press down on the inner portion of the disc. 3.

[Page 7](#) Regional Coding Region Protection Coding (RPC) of DVD Discs: this feature is supported on DVD Players and is used with DVD-Video Discs (i.e. movies). Currently, the motion picture industry has divided the world into different regional "zones." These regions or "zones" correlate to the regional markets into which the motion picture industry releases movies.

## [Page 8: Troubleshooting](#)

TROUBLESHOOTING – SD-R2412 Solution Problem • Disc tray cannot be opened Check that there is power to drive. • Use Emergency Eject instructions to open tray. • Drive is not recognized by Is the drive connected properly? Are all cables plugged in system properly (e.g.

## [Page 9: Specifications](#)

SPECIFICATIONS –SD-R2412 General Interface: ATAPI Compatible CD-RW/DVD-ROM Standard - Write Write Formats: Disc at once, Track at once, session at once, Packet Write CD-R, CD-RW: Write Disc: CD-DA, CD+(E)G, CD-MIDI, CD-TEXT, CD-ROM, CD-ROM XA, CD-R, CD-RW: MIXED MODE CD, CD-I, CD-I BRIDGE (Photo-CD, Video-CD), Multi-session CD (Photo-CD, CD-Extra, Portfolio) Compatible DVD-ROM Standard - Read DVD:...

[Page 10](#) Performance Rotational Speed DVD (Single) 4,670rpm (3.3 - 8X) DVD (Dual) 3,792rpm (2.5 - 6X) DVD-R, DVD-RW 2,240rpm (1.7 - 4X) DVD-RAM (ver 2.1) 1,400 - 3,300rpm (1X) CD-ROM, CD-R 5,100rpm (10.3 - 24X) Video-CD, CD-DA 1,200 - 2,000rpm (4 - 6X) CD-DA 2,350 - 4,300rpm (8.6 - 12X) CD-RW (read) - normal...

[Page 11](#) Environmental Ambient Temperature Operating 5° to 50° C (41° to 122° F) Storage -10° to 60° C (14° to 140° F) Shipping -40° to 65° C (-40° to 149° F) Temperature Gradient Operating 11° C /hour (max) Storage/Shipping 20° C /hour (max) Relative Humidity Operating 8% to 80%...

## [Page 12: Drive Connectors](#)

Drive Connectors –SD-R2412 Figure 1.SD-R2412 DVD Writeable Drive Rear Panel – Connector ATAPI A 50-pin ATAPI interface connector is found at the rear of the SD-R2412 CD-RW/DVD-ROM Combo drive. Connecting cable should use Japan Aviation Electronics Industry Connector Limited KX14-50Series L or equivalent connector. Table 1.Interface Pin Assignments SIGNAL NAME SIGNAL NAME...