



Toshiba SR-M8102 User Manual

Cd-r/cd-rw drive

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TOSHIBA AMERICA INFORMATION SYSTEMS
STORAGE DEVICE DIVISION
IRVINE, CALIFORNIA

SR-M8102 TOSHIBA

CD-R/CD-RW DRIVE

USER MANUAL

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Related Manuals for Toshiba SR-M8102

[CD/CDR Drive Toshiba SR-C8002 Product Specification](#)

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

[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)

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[CD/CDR Drive Toshiba XM-6401B Instruction Manual](#)

(35 pages)

[CD/CDR Drive Toshiba XM-6702B User Manual](#)

(12 pages)

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

Cd-rom drive (15 pages)

Summary of Contents for Toshiba SR-M8102

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[Page 3: Introduction](#)

INTRODUCTION - SR-M8102 General Features CD-R/CD-RW disc write/rewrite at 52X/32X 3-way Disc Eject (eject button, software, emergency eject hole) Average Random Access Time 110ms CD-RW 120ms Horizontal or Vertical Mount 2MByte Buffer Playback interchangeability for CD-ROM discs BUS Interface - ATAPI Formats Compatibility CD-DA (Red Book) - Standard Audio CD &...

[Page 4](#) Front Panel Figure 1.SR-M8102 CD-R/RW Drive Front Panel Loading Load disc using tray. Tray The LED lights when the drive is operating Load/Unload The Load/Unload button is used to open the disc tray so you can install or remove a disc.

[Page 5: Setup](#)

SETUP - SR-M8102 The following steps must be performed to properly install your drive: • Set Drive Jumper Settings • Connect Audio Cable • Attach IDE BUS Cable • Attach Power Cable • Mount Drive Jumper Settings The mode select jumpers are 6 straight angle pins located on the rear of the CD-R/CD-RW drive.

[Page 6](#) If the CD-R/CD-RW drive is replacing a CD-ROM or DVD-ROM, remove drive presently installed in your system. Your Toshiba CD-R/CD-RW drive can be placed in any free half-height drive slot at the front of your computer. (It can be mounted horizontally or vertically.) Carefully start sliding the CD-R/CD-RW drive into the opening with the disc tray facing the front of the

computer.

[Page 7](#) Figure 6. Mounting Illustration Software Driver - Toshiba's optical drives do not require any unique device drivers for Windows '95/'98/2000/Me/XP/NT. After installing your drive and re-booting, your system should recognize your drive. Windows '95/'98/2000/Me/XP/NT Operating Systems support all Toshiba optical drives natively. If you prefer using DOS, download the DOS ATAPI driver from our web site.

[Page 8: Using The Cd-R/Cd-Rw Drive](#)

USING THE CD-R/CD-RW Drive – SR-M8102 Drive Operation Inserting a Disc - Horizontally To insert a disc into a drive that is mounted horizontally, perform the following steps: Figure 1. Inserting Disc 1. Open the drive's Loading tray by pressing the Eject Button.

[Page 9](#) 3. Grasp disc by edges, and lift out of loading tray. 4. Press Eject Button again to close Loading Tray. CD-RW Software Additional software is required to use the SR-M8102 CD-R/RW functions Usage Guidelines • Keep the disc tray closed when not using the CD-R/CD-RW Drive.

[Page 10](#) Figure 3. Using Emergency Eject Cleaning Media Try to avoid touching the read area (underside) of the disc as dirt and smears will degrade the disc accessing speed. If the disc becomes dirty wipe it with a damp soft cloth. Avoid cleaning in a circular motion, but rather from the inner side outward.

[Page 11: Troubleshooting](#)

TROUBLESHOOTING – SR-M8102 Problem Disc tray cannot be opened Drive is not recognized by system Drive is not recognized by system during Boot process, recognized Operating System (i.e. XP, Win2000, Win98, Win NT, etc.) BUSY Indicator LED flashes slowly BUSY Indicator LED is constantly CD-R/RW can not play certain types of CD media (i.e.

[Page 12: Specifications](#)

SPECIFICATIONS –SR-M8102 General Interface ATAPI Format for Writing: Disc at once, Track at once, Session at once, Variable & Fixed Packet write Format Compatibility: CD-DA (Red Book) - Standard Audio CD & CD-TEXT CD-ROM (Yellow Book Mode 1&2) - Standard Data CD-ROM XA (Mode 2 Form 1&2) - Photo CD, Multi Session...

[Page 13](#) Transfer Rate CD-ROM Read (Mode 1) CD-R/RW Read (Mode 1) Random Access Time CD-ROM CD-RW Data Buffer Environmental Ambient Temperature Operating Storage Relative Humidity Operating Storage/Shipping Vibration Operating (Random) Non-operating (10 to 500Hz) Shock Operating (Read) Operating (Write) Non-operating Acoustical Noise Power DC Voltage and Current Requirements Physical...

[Page 14](#) Connectors DC input ATAPI Interface Connector Audio Connectors Regulatory The SR-M8102 CD-R/RW has been certified by the following regulatory agencies • UL 1950 • CSA C22.2 No. 950 • TUV (EN60950I) • CE standard • DHHS 21 CFR Sub-Chapter J • ...

[Page 15: Drive Connectors](#)

CAUTION: Severe damage to the Drive circuits may occur if power cable is plugged in upside-down with power ON. Supplies Analog and Digital sound to your system. Audio Connectors ATAPI The SR-M8102 CD-R/RW drive is connected to your computer system through the ATAPI connector. Connector...

[Page 16](#) Table 1. Interface Pin Assignments SIGNAL HOST SIGNAL NAME NAME Reset Host Reset Host Data Bus BIT 7 Host Data Bus BIT 8 Host Data Bus BIT 6 Host Data Bus BIT 9 Host Data Bus BIT 5 HD10 Host Data Bus Bit 10 Host Data Bus BIT 4 HD11 Host Data Bus BIT 11...