

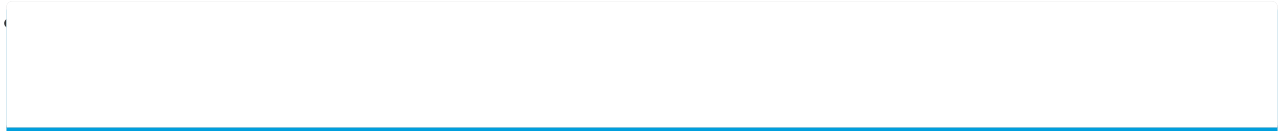


Asus CRW-2410A User Manual

24x/10x/40x cd-rw drive

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CRW-2410A

24x/10x/40x CD-RW Drive

User's Manual

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Summary of Contents for Asus CRW-2410A

[Page 2: Copyrights/Disclaimer](#)

Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

[Page 3: Table Of Contents](#)

Contents Copyrights/Disclaimer2 FCC/CDC Statements4 ASUS Contact Information5 Safety Information 6 Installation Notices6 Using the Device7 Package Contents 8 Welcome!9 Product Introduction9 Specifications 9 Features

[Page 4: Fcc/Cdc Statements](#)

FCC/CDC Statements Federal Communications Commission Statement This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: • This device may not cause harmful interference, and • This device must accept any interference received including interference that may cause undesired operation.

[Page 5: Asus Contact Information](#)

Desktop/Server (Tel): +886-2-2890-7123 (English) Support Fax: +886-2-2890-7698 Support Email: tsd@asus.com.tw Web Site: www.asus.com.tw Newsgroup: cscnews.asus.com.tw ASUS COMPUTER INTERNATIONAL (America) Address: 6737 Mowry Avenue, Mowry Business Center, Building 2, Newark, CA 94560, USA General Fax: +1-510-608-4555 General Email: tmd1@asus.com Technical Support...

[Page 6: Safety Information](#)

Safety Information Observe the following precautions before installing and using the ASUS CRW-2410A Drive! Installation Notices Do not place this device in an unstable position, or in one that vibrates. Do not place this device in areas where there is direct sunlight, high humidity, or damp condition.

[Page 7: Using The Device](#)

Safety Information SAFETY WARNINGS CAUTION 1. Use of any controls, adjustments, or procedures other than those specified in this manual may result to hazardous radiation exposure. 2. To prevent exposure to laser emanations (harmful to human eye), do not attempt to disassemble the drive.

[Page 8: Package Contents](#)

Package Contents Upon opening your ASUS CRW-2410A drive package, check if all the following items are present and in good condition. If any of the items is damaged or missing, contact your retailer immediately. • ASUS CRW-2410A internal IDE drive •...

[Page 9: Welcome](#)

Welcome! Thank you for buying the ASUS CRW-2410A Drive! To ensure proper installation and use of this device, read the instructions and other important information contained in this manual. Product Introduction Specifications The CRW-2410A has the following specifications. • Speeds...

[Page 10: Features](#)

Features The ASUS CRW-2410A is a CD-RW drive with 24X-write, 10X-rewrite, and 40X-read capabilities. The drive complies with the AT Attachment Packet Interface (ATAPI) specification and comes equipped with the latest innovative technologies in CD recording. Highlighting the major characteristic of ASUS CD-RW drives, the...

[Page 11](#) FlextraLink™ Technology The ASUS FlextraLink™ technology provides a seamless combination of flexibility and ultra-reliable recording quality. FlextraLink™ incorporates a flexible strategy that prevents buffer underrun problems caused by an empty data buffer. This CD-RW drive technology allows continuous monitoring of the data buffer status during the write process.

[Page 12](#) Double Dynamic Suspension System (DDSS II) The DDSS II is an enhanced follow up to the DDSS anti-vibration system developed by ASUS. The DDSS CD-ROM technology is designed to reduce the vibration generated from spindle rotation of over 8900 rpm of 40X CD-ROM drives.

[Page 13](#) When using the Zone CLV, the recording in Zone 1 is 16X speed, then increases to 20X speed in Zone 2, after t1 time. In Zone 3, the recording reaches the maximum 24X speed, after t2 time. Zone CLV Recording Method Speed Zone3 Zone2 Zone1 Time ASUS CRW-2410A User's Manual...

[Page 14: Front Panel](#)

This button has two functions. Pressing this button at any time ejects the disc tray so you can place or remove a disc. While in PLAY mode, pressing this button stops playing the disc loaded in the drive. ASUS CRW-2410A User's Manual...

[Page 15: Rear Panel](#)

This DC connector is for a 4-pin power cable from the system power supply. NOTE: The jumper pins on the leftmost part of the rear panel are factory test pins. DO NOT cover these pins with jumper blocks. ASUS CRW-2410A User's Manual...

[Page 16: Installation](#)

NOTE: Do not use a hard disk that calibrates thermally during operation. • Recommended media: CD-R Sony, TDK, Ricoh, Kodak, Mitsubishi Chemical, Taiyo Yuden, Yamaha, Philips, Ritek, Prodisc, AMT, Princo, Hitachi Maxwell, CD-RW Sony, TDK, Ricoh, Yamaha, Mitsubishi Chemical, Ritek, Prodisc, AMT, CMC ASUS CRW-2410A User's Manual...

[Page 17: Setting The Jumper Terminals](#)

Secondary Slave. Cable Select Mode Cover the two pins labeled CABLE SELECT if your computer supports a Cable Select (CSEL) signal. You need an exclusive interface cable for this setting. Refer to your computer manual for details. ASUS CRW-2410A User's Manual...

[Page 18: Installing The Cd-Rw Drive](#)

2. Carefully insert the CD-RW drive into the bay and push it inward until it is flushed to the chassis front panel. The holes on the sides of the drive should align with the holes on the drive bay. ASUS CRW-2410A User's Manual...

[Page 19](#) IMPORTANT: Depending on the space on your chassis, you may need to connect the drive cables before securing the drive into the chassis. For cable connections, proceed to the following section, "Connecting the Drive Cables." ASUS CRW-2410A User's Manual...

[Page 20: Connecting The Drive Cables](#)

If a plug does not fit in completely, try reversing it. DO NOT use too much force when fitting the cable plugs. Power Cable 4-pin Audio Cable Cable NOTE: Replace the computer cover according to your computer manual. ASUS CRW-2410A User's Manual...

[Page 21: Installing The Device Driver](#)

Installing the Device Driver Before you can use your CRW-2410A drive, you must first install the device driver. IMPORTANT! Make sure you that you have completed the drive installation and have replaced the computer cover before you proceed. Follow these steps to install the device driver.

[Page 22: Cd-Rw Drive Basics](#)

1. Press the eject button on the front of the drive to eject the tray. 2. When the drive tray ejects out of the drive, place the disc on the tray with the label (printed) side up. ASUS CRW-2410A User's Manual...

[Page 23: Ejecting A Disc From The Drive](#)

1. Press the eject button on the front of the drive to eject the tray. 2. Carefully remove the disc from the tray. 3. Press the drive eject button or lightly push the center of the drive tray to load

the tray back into the drive. ASUS CRW-2410A User's Manual...

[Page 24: Using The Emergency Eject Pinhole](#)

2. Carefully pull the tray out and remove the CD. CAUTION! Do not force the tray open; wait until the eject pin has dislodged the tray to avoid breaking the tray panel. ASUS CRW-2410A User's Manual...

[Page 25: Using Compact Discs](#)

Cleaning a Disc Spray the disc with compressed air for about five seconds to get rid of the dust on a disc. Handling a Disc Hold a disc by the edges. Do not touch the disc surface. ASUS CRW-2410A User's Manual...

[Page 26: Technical Information](#)

2-pin (digital) Audio No. of channels 2 (stereo) Sampling frequency 44.1 kHz Quantization 16 bits Distortion 0.2% max. (at 1 kHz) S/N ratio 70 dB Output: Headphone 0.7 V rms (typical) Line Out 0.7 V rms (typical) ASUS CRW-2410A User's Manual...