





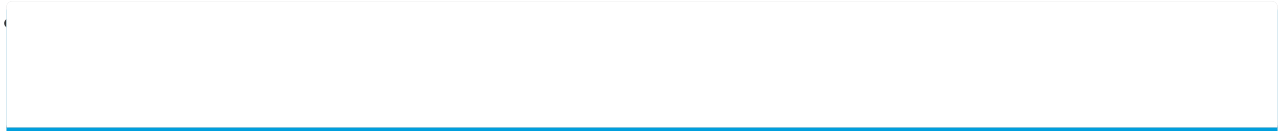
## Asus 48x/16x/48x CD-RW Drive CRW-4816A User Manual

Asus crw-4816a 48x/16x/48x cd-rw drive user's manual



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48x/16x/48x CD-RW Drive

User's Manual

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## Summary of Contents for Asus 48x/16x/48x CD-RW Drive CRW-4816A

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[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/Disclaimer ... 2 FCC/CDC Statements ... 4 ASUS Contact Information ... 5 Safety Information ... 6 Installation Notices ... 6 Using the Device ... 7 Package Contents ... 8 Welcome! ... 9 Product Introduction ... 9 Specifications ... 9 Features ...

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

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. This class B digital apparatus complies with Canadian ICES-003. ASUS CRW-4816A User's Manual...

### [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 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-4816A 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](#)

- Do not place discs into the device immediately if they came from a cold environment, specially during cold seasons. Wait until the discs have reached room temperature. ASUS CRW-4816A User's Manual...

### [Page 8: Package Contents](#)

Package Contents Upon opening your ASUS CRW-4816A 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-4816A internal IDE drive •...

### [Page 9: Welcome](#)

Welcome! Thank you for buying the ASUS CRW-4816A 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-4816A has the following specifications. • Speeds •...

### [Page 10: Features](#)

Features The ASUS CRW-4816A is a CD-RW drive with 48X-write, 16X-rewrite, and 48X-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](#) The following illustration compares the Partial Constant Angular Velocity (P-CAV) and Zone Constant Linear Velocity (Z-CLV) recording technologies. Partial CAV vs. Zone CLV P-CAV

## [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. 48X16X48X Recordable Recordable Recordable Rewritable ASUS CRW-4816A 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-4816A User's Manual...

## [Page 16: Installation](#)

48X CD-R CD-R CD-RW TDK, Ritek, LeadData, CMC, Prodisc, Sony, Taiyo Yuden Sony, TDK, Ricoh, Kodak, Mitsubishi Chemical, Taiyo Yuden, Yamaha, Philips, Ritek, Prodisc, Princo, Maxell, CMC Sony, TDK, Ricoh, Yamaha, Mitsubishi Chemical, Ritek, Prodisc, AMT, CMC ASUS CRW-4816A User's Manual...

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

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-4816A User's Manual Jumper Terminals...

## [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-4816A 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-4816A 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. NOTE: Replace the computer cover according to your computer manual. 4-pin Audio Cable ASUS CRW-4816A User's Manual Power Cable IDE Cable...

## [Page 21: 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-4816A User's Manual...

## [Page 22: 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-4816A User's Manual...

## [Page 23: 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-4816A User's Manual...

## [Page 24: 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-4816A User's Manual...

## [Page 25: Technical Information](#)

Mean Time To Repair (MTTR) \* ODC - Operating Duty Cycle Electrical and Audio Specifications  
Power Source I/O Terminal Audio ASUS CRW-4816A User's Manual Operation: 5°C < to < 45°C  
Storage: - 20°C to < 60°C Operation: 20% to 80% non-condensing...

## [Page 26](#) ASUS CRW-4816A User's Manual...

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[Crw-4816a](#)

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