

Introduction

This product offers the following features.

- ☐ An internal DVD/CD RW drive with ATAPI (EIDE) interface for PCs.

☐ Writable discs:
 - DVD+R/+RW
 - DVD-R/-RW
 - CD-R/-RW
- ☐ Readable discs:
 - DVD-Video, DVD-ROM
 - CD-ROM
 - Audio CD

☐ Features **Power-Burn**™ to prevent buffer under-run errors.
 - **Power-Burn**™ c o n f o r m e d includes **BURN-Proof**™.

System Requirements

This DVD/CD RW drive can be used in systems with the following capabilities.

- ☐ CPU: Pentium II 400 MHz (with MyDVD: Pentium III 800 MHz) or higher.
For stable writing performance at high speeds, the CPU speed should be considerably higher than the above minimum requirement. Therefore, a Pentium III/800 MHz or higher is recommended.

☐ PC/AT-compatible PC

☐ OS:
Windows 2000 Professional (Windows 2000),
Windows XP Home Edition or
Windows XP Professional (Windows XP)

☐ At least 128 MB RAM (with Windows XP: 256 MB RAM)

☐ 1 GB (with MyDVD: 10 GB) free hard disk space

☐ One available EIDE (ATAPI) interface connection with DMA capability

☐ One empty 5-inch half-height drive bay

☐ One available internal +12 V/+5 V power connector
- ☐ The above system requirements are given as minimum requirements for a system on which basic writing performance to supported CDs/DVDs can be obtained. In actual use, the requirements for the writing software and other supplied software also have to be taken into consideration. (Normally, these requirements are be higher than the above specifications.) Refer to your software user's guides for details.

☐ The drive cannot be assured to operate properly if connected to an ATAPI interface adapter card (we cannot guarantee compatibility or offer user support).

☐ Writing speed may automatically be adjusted depending on the disc, specified speed, or disc conditions such as weight imbalance and eccentricity.

☐ Writing on CD-R/-RW discs at 1× and 2× speed is not supported. Also, this drive does not support CD-R/-RW that only support 1× and 2× speeds.

☐ Appropriate discs are needed when writing at 8× speed to DVD+R, 4× speed to DVD+RW/+R/-R, 10× speed or faster to CD-RW, and 2× speed to DVD-RW.

Package Contents

Please verify that the package includes the following accessories with the drive when unpacking.
If any of these items appears to be missing or damaged, please contact your supplier.

- DVD/CD RW Drive Unit
- 40-pin ATAPI (IDE) Flat Cable



- Screws (×4)
• Quick Start Guide
• Product Information (this document)
- Software Quick Start Guide
• Software Disc (DVD-ROM)
• Warranty Card

CAUTION

- Some of the parts included with this drive are very small and therefore constitute a choking hazard. Take care to place the drive and supplied parts out of the reach of small children.
- To guard against possible loss or damage, be sure to make a backup copy of the provided software disc on a DVD+R disc or other media. The software disc is not sold separately.

Please Record Responsibly
Before copying anything onto a disc, please be sure that you are not violating copyright laws. Most software companies allow you to make a backup or archive copy of software. Check your software's license agreement for details.

DVD-Video Playback and Region Codes

The playback of DVD-Video (DVD discs) is protected and controlled by a region code setting*.

* Region Playback Control standard (RPC standard)

DVD-Video Playback and Region Codes with the DRU-530A

With the DRU-530A, the region code can be set up to five times, including the initial assignment (RPC phase 2 standard). The DVD-Video playback software sets the DRU-530A region code.

Important

After setting the region code five times (including the initial setting), the setting becomes permanent and can no longer be changed. From this point on, you are only able to play back DVD-Video discs whose region code matches the one set the fifth time.

Main Specifications

Compatible discs	Read (max.)	Write (max.)
DVD+R	8×-CAV	2.4×
DVD+R (4×)	8×-CAV	4×
DVD+R (8×)	8×-CAV	8×-ZCLV
DVD+RW	8×-CAV	2.4×
DVD+RW (4×)	8×-CAV	4×
DVD-R	8×-CAV	1×
DVD-R (4×)	8×-CAV	4×
DVD-RW	8×-CAV	1×
DVD-RW (2×)	8×-CAV	2×
DVD-ROM	12×-CAV	—
DVD-Video	12×-CAV	—
CD-R	40×-CAV	40×-CAV
CD-RW	40×-CAV	4×
CD-RW (High Speed)	40×-CAV	12×
CD-RW (Ultra Speed)	40×-CAV	24×-PCAV
CD-ROM	40×-CAV	—
CD-DA ¹⁾	4×	—
CD-DA (DAE)	40×-CAV	—

Disc diameter		
DVD: 12 cm	○	○
8 cm	○	—
CD : 12 cm	○	○
8 cm	○	—

¹⁾ This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product. When you use this unit as an audio CD player, use compact discs with the following mark.



Writing systems

- DVD**
Random write
Sequential write
- CD**
Track-at-once
Disc-at-once
Session-at-once
Packet writing

In order for the DVD/CD RW drive to play back DVD-Video disc, the region code on the DVD disc, the region code of the DVD/CD RW drive, and the region code of the DVD-Video software must all match.

CAUTION

Do not attempt to make unauthorized changes to the region code. Any problems resulting from doing so are not covered by the warranty.

Points to Consider when Playing DVD-Video Discs

DVD-Video disc playback conditions are sometimes determined by software manufacturers. Because the DRU-530A plays back discs as determined by software manufacturers, some drive functions may not always perform as expected. When playing back DVD-Video discs, refer to the instructions accompanying each disc.

Drive

Maximum data transfer rate
DVD: 21.6 MB/s (12× speed²⁾)
CD : 6.0 MB/s (40× speed²⁾)
Access time
Average random stroke
Approx. 200 ms (DVD)
Approx. 160 ms (CD)
²⁾ Maximum data transfer rate depends on the capabilities of the host PC

Buffer under-run error protection

Power-Burn™
c o n f o r m e d

Operating environment

Operating temperature
5 to 40 °C

Power and miscellaneous

DC +5 V 2.0 A max.
DC +12 V 2.0 A max.
Size
Approx. 146 × 41.7 × 183 mm (W×H×D) (excluding front panel)
Weight
Approx. 0.9 kg (drive only)

Interface

Drive interface
ATAPI (EIDE) compliant

Buffer capacity

2 MB

Drive inquiry serial number

SONY DVD RW DRU-530A

Please note that specifications and appearance may be subject to change without notice.

DVD/CD Rewritable Drive

Product Information

Included Documents

- ☐ **Quick Start Guide**

☐ **Electronic manual on the software disc**
- ☐ **Software Quick Start Guide**

☐ **Warranty card**

☐ **Product Information (this document)**

DRU-530A

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English

Please refer to this manual together with the “ATAPI Interface Drive User’s Guide” in the attached Software Disc, which carries more detailed information.

Français

Reportez-vous au présent manuel ainsi qu’au document intitulé “Lecteur d’interface ATAPI - Guide de l’utilisateur” contenu sur le disque du logiciel accompagnant ce produit pour plus de détails.

Deutsch

Einzelheiten entnehmen Sie bitte diesem Handbuch sowie der “Laufwerk mit ATAPI-Schnittstelle - Anwenderanleitung” auf der mitgelieferten Software-Disc.

Español

Consulte este manual junto con la “Unidad de interfaz ATAPI - Guía del usuario” del disco de software suministrado, que contiene información más detallada.

Italiano

Fare riferimento al presente manuale insieme a “Guida dell’utilizzatore dell’unità disco con interfaccia ATAPI” nel disco del software allegato, nel quale sono contenute informazioni più dettagliate.

Português

Consulte este manual juntamente com o “Guia do Utilizador do Drive de Interface ATAPI” incluído no disco de software fornecido, para obter informações mais detalhadas.

Nederlands

Raadpleeg deze handleiding alsook de “ATAPI Station-interface -Gebruikershandleiding” op de bijgevoegde Software Disc, die meer gedetailleerde informatie bevat.

Svenska

Förutom denna bruksanvisning finns mer information i “Brukanvisning för enhet med ATAPI gränssnitt” på den medföljande programskivan.

中文繁體

請參考本使用說明書及隨同軟體光碟一起提供的載有更多資訊的 “ATAPI界面驅動器用戶指南” 。

中文简体

请参考本使用说明书及随同软件光盘一起提供的载有更多信息的 “ATAPI接口驱动器用户指南” 。

한국

자세한 내용은 본 사용설명서와 함께 부속된 소프트웨어 디스크의 “ATAPI 인터페이스 드라이브 사용자 가이드” 도 참조하여 주십시오.

Safety Regulations

WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.
To prevent fire or shock hazard, do not expose the unit to rain or moisture.
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION:

As the laser beam in the DRU-530A is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.
The use of optical instruments with this product will increase eye hazard.
The use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This label is located on the drive unit’s internal chassis.
Dieses Etikett befindet sich auf dem inneren Chassis des Laufwerkes.



This label is located on the top of the drive unit enclosure.
Dieses Etikett befindet sich am Boden des Laufwerksgehäuses.

CAUTION	CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO THE BEAM.
ATTENTION	RADIATIONS LASER VISIBLES ET INVISIBLES DE CLASSE 3B EN CAS D'OUVERTURE. EVITER TOUTE EXPOSITION DIRECTE AU FAISCEAU.
VORSICHT	KLASSE 3B SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN GEÖFFNET. DIREKTEN KONTAKT MIT DEM STRAHL VERMEIDEN.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING AF KLASSE 3B VED ÅBNING. UNDGÅ DIREKTE UDSÆTTELSE FOR STRÅLING.
ADVARSEL	SYNLIG OG USYNLIG LASERSTRÅLING I KLASSE 3B NÅR DEKSEL ÅPNES. UNNGÅ DIREKTE EKSPONERING FOR STRÅLEN.
VARNING	KLASS 3B SYNLIG OCH OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD. UNDVIK ATT DIREKT EXPONERA DIG FÖR STRÅLNINGEN.
VARO!	AVATTUNA LUOKAN 3B NÄKYVÄÄ JA NÄKYMÄTÖNTÄ LASERSÄTEILYÄ. VÄLTÄ SUORAA ALTISTUMISTA SÄTEELLE.

The DRU-530A is classified as a CLASS 1 LASER PRODUCT.
The CLASS 1 LASER PRODUCT label is located at the top of the enclosure.

Bei diesem DRU-530A handelt es sich um ein Laser-Produkt der Klasse 1.
Das Etikett mit der Aufschrift LASER KLASSE 1 PRODUKT befindet sich auf der Oberseite des Gehäuses.

CLASS 1 LASER PRODUCT	LUOKAN 1 LASERLAITE
LASER KLASSE 1 PRODUKT	KLASS 1 LASER APPARAT

Warranty Card and After Sales Service

Warranty	
<ul style="list-style-type: none">A warranty card should be provided with this product at the place of purchase.Please read the warranty card, fill in the specified information, and retain it for future reference.	<ul style="list-style-type: none">The warranty period is one year from the date of purchase. <div>Note The warranty and technical support service are valid only in the countries or sales regions specified on the warranty card.</div>

After Sales Service

Repairs under Warranty

We provide repair services as described in this and on the warranty card.
Please contact your supplier or repair service provider for details.

Repairs outside Warranty

If operation can be restored by repair, we will repair the drive for a charge.

Repair Requirements

If you return the drive to your place of purchase or repair service provider because of damage resulting from misuse or other causes, you will be responsible for all repair-related expenses, including shipping and handling and product adjustments.

CE Sicherheitsbestimmungen

Diese Ausrüstung erfüllt die Europäischen EMC-Bestimmungen für die Verwendung in folgender / folgenden Umgebung(en):
• Wohngegenden
• Gewerbegebiete
• Leichtindustriegebiete
(Diese Ausführung erfüllt die Bestimmungen der Norm EN55022, Klasse B.)

- Power-Burn** are trademarks of Sony Corporation.
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Microsoft, MS, MS-DOS and Windows are registered trademarks of Microsoft Corporation.
Other system and product names used herein are registered trademarks or trademarks of their respective manufacturers, although the ™ and ® marks are not used in the text.

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