

**SONY**

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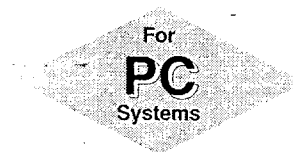
*CSP-920S*

***Spressa 920***<sup>TM</sup>

***Drive Unit***



***Read First !***



*Installation Guide*

# Introduction

The Spressa 920™ Drive Unit contains a Sony Recordable CD-ROM (CD-R) and Corel CD Creator® software which will enable you to record your own digital compact discs. You can create compact discs to store data, graphics, music, and multimedia presentations to name just a few of the many uses.

Installing the Spressa 920 Drive Unit requires you to reference several different manuals.

- ☐ Computer manuals
- ☐ SCSI Host Adapter Card manuals
- ☐ Sony CDU920S CD-R Drive Unit User's Guide
- ☐ Corel CD Creator User Manual

Use this manual as a guide to help you identify both the procedures and reference materials you need to use as you work your way through the installation procedure.

## ***System Requirements***

Your computer system must contain at least the following components to successfully operate the Spressa 920 Drive Unit.

- ☐ IBM® compatible PC, 486/33 or higher
- ☐ MS-DOS®, version 5.0 or higher
- ☐ Windows™ 3.1 or higher
- ☐ 8MB of RAM or more
- ☐ Hard disk with 6MB or more of free space
- ☐ SCSI Host Adapter Card (Requires Bus-Mastering)
- ☐ 1 available 5.25" internal drive bay
- ☐ 3.5" floppy disk drive
- ☐ Mouse (Microsoft®-compatible)
- ☐ 16 bit Sound Card (recommended)

*(continued)*

### ***What's in the Box?***

Your Spressa 920 Drive Unit should contain the following items. If all the items are not found, please contact your Sony dealer before proceeding.

- ☐ Spressa 920 Installation Guide
- ☐ Sony CDU920S CD-R Drive Unit and User's Guide
- ☐ Corel CD Creator Software Package
- ☐ SCSI Interface Cable
- ☐ Audio Cable
- ☐ Mounting Screws (4)

### ***Trademarks and Copyrights***

- ☐ Microsoft, MS-DOS, and Windows are trademarks of Microsoft Corporation.
- ☐ Corel and CD Creator are trademarks of Corel Corporation.
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# Installation

Use this section as a guide while you work your way through the installation procedure. At times it will be necessary to refer to other manuals for more detailed technical information.

## *System Analysis*

Before you can install the Spressa 920 Drive Unit you need to determine whether your computer can support the Sony CDU920S CD-R Drive Unit. Use the following instructions to help you configure your computer's operating system.

- 1 Determine whether your computer has a SCSI Host Adapter Card installed. Please refer to your computer user's guide for additional information.
- 2 Determine whether your SCSI Host Adapter Card supports ASPI Manager.
  - ☐ If your computer *does not have ASPI Manager installed*, contact your SCSI Host Adapter Card vendor to obtain a copy. Please refer to your SCSI Host Adapter Card manual for additional information.
  - ☐ If your computer *does not support ASPI Manager*, purchase a SCSI Host Adapter Card which will support ASPI Manager. Please refer to your SCSI Host Adapter Card manual for additional information.

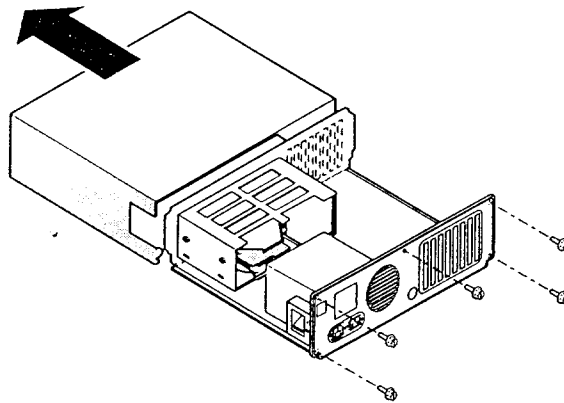
Your computer should be properly configured prior to the installation of the Spressa 920 Drive Unit. Proceed to the next section to begin the installation process.

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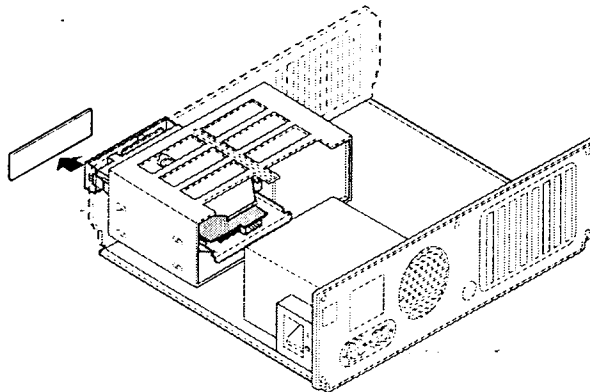
### ***Spresa 920 Drive Unit Installation***

Your computer system should now be prepared for the installation of the Spresa 920 Drive Unit. Follow the instructions below to install the Sony CDU920S CD-R Drive Unit (CD-R drive) and Corel CD Creator Software.

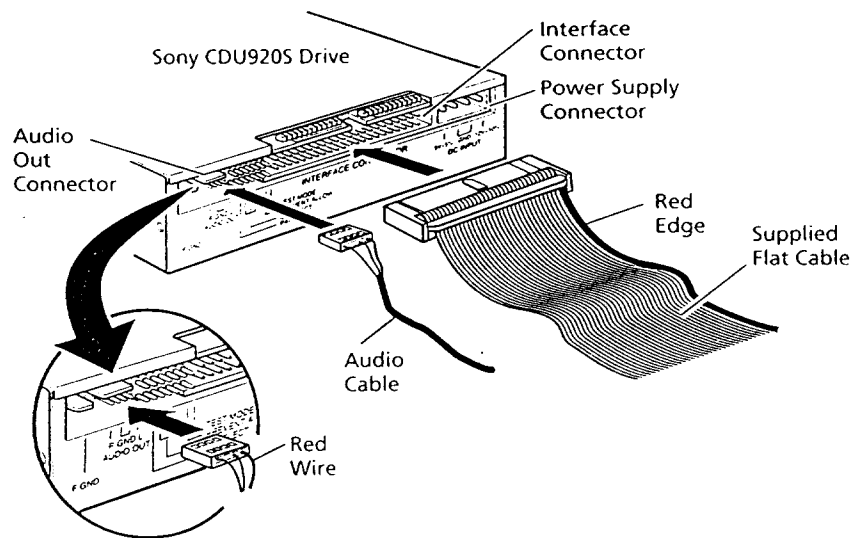
- 1** Turn off the power to the computer and unplug the AC power cord.
- 2** Remove the cover from the computer. Please refer to your computer user's guide.



- 3** Remove the blank front panel covering the drive bay in which you will install the CD-R drive.

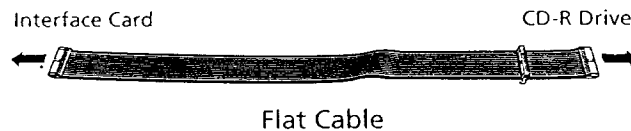


- 4 Attach one end of the supplied flat cable (SCSI cable) to the connector on the rear of the CD-R drive.



**Note**

*The red edge of the flat cable should be positioned next to the power supply connector. It is important that this cable be connected firmly and correctly.*



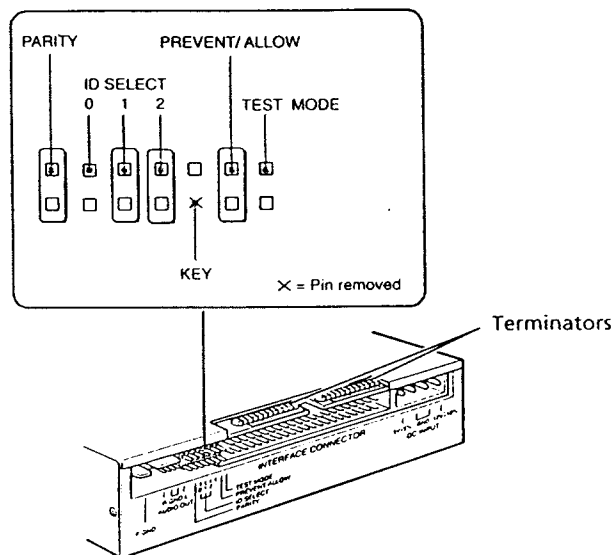
If your computer has a Sound Card, connect the supplied audio cable to the AUDIO OUT connector at the rear of the CD-R drive.



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- 5 Set the jumpers on the rear panel of the drive unit in accordance with the configuration of your computer system.

The jumpers are preset at the factory as illustrated below.



The following table describes the function of each jumper.

Jumper	Function																																								
PARITY	The setting of this jumper depends on the selection of parity check through the system on SCSI bus. It is preset to ON at the factory. If you do not wish to make the drive unit check parity, remove the jumper.																																								
ID SELECT	<p>Assign the drive unit's ID number by setting these jumpers to ON or OFF. Do not assign the same number as one used for other SCSI devices.</p> <table><tr><th>ID Number</th><th colspan="3">Jumper settings</th></tr><tr><td></td><td>0</td><td>1</td><td>2</td></tr><tr><td>0</td><td>OFF</td><td>OFF</td><td>OFF</td></tr><tr><td>1</td><td>ON</td><td>OFF</td><td>OFF</td></tr><tr><td>2</td><td>OFF</td><td>ON</td><td>OFF</td></tr><tr><td>3</td><td>ON</td><td>ON</td><td>OFF</td></tr><tr><td>4</td><td>OFF</td><td>OFF</td><td>ON</td></tr><tr><td>5</td><td>ON</td><td>OFF</td><td>ON</td></tr><tr><td>6</td><td>OFF</td><td>ON</td><td>ON</td></tr><tr><td>7</td><td>ON</td><td>ON</td><td>ON</td></tr></table> <p>Factory settings</p>	ID Number	Jumper settings				0	1	2	0	OFF	OFF	OFF	1	ON	OFF	OFF	2	OFF	ON	OFF	3	ON	ON	OFF	4	OFF	OFF	ON	5	ON	OFF	ON	6	OFF	ON	ON	7	ON	ON	ON
ID Number	Jumper settings																																								
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0	OFF	OFF	OFF																																						
1	ON	OFF	OFF																																						
2	OFF	ON	OFF																																						
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4	OFF	OFF	ON																																						
5	ON	OFF	ON																																						
6	OFF	ON	ON																																						
7	ON	ON	ON																																						
KEY	Used to prevent the SCSI bus interface connector from being plugged in upside down.																																								
PREVENT/ ALLOW	<p>ON: Allows insert and removal of a CD caddy with the eject button and the eject command.</p> <p>OFF: Prevents insert and removal of a CD caddy with the eject button or an eject command.</p>																																								
TEST MODE	<p>ON: Enables test mode.</p> <p>OFF: Enables normal operation.</p>																																								

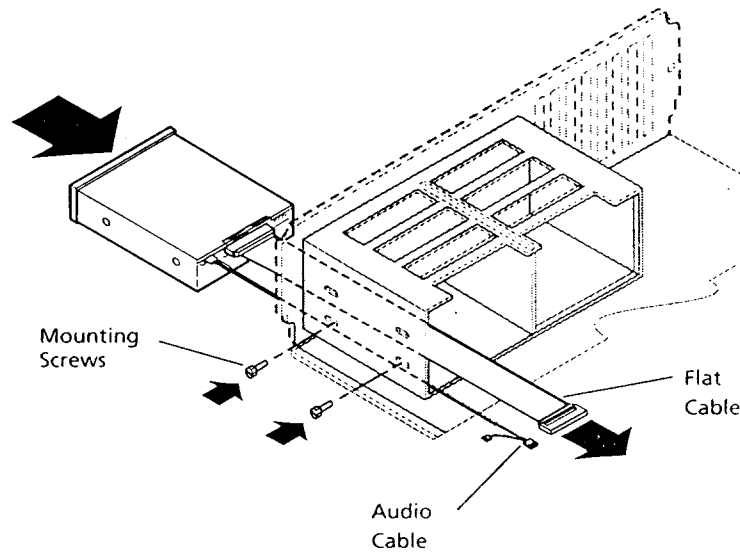
#### NOTE

- PARITY, ID1, ID2, and PREVENT/ALLOW are preset to ON at the factory.
- The upper row of pins is ground.
- ID SELECT, PREVENT/ALLOW, and TEST MODE are recognized when the power supply is turned on or SCSI is reset.
- TEST MODE is used exclusively for factory testing. Do not set TEST MODE to ON. Doing so may cause unexpected results.
- Please refer to page 10 of CDU920S User's Guide for "Terminator Setting."

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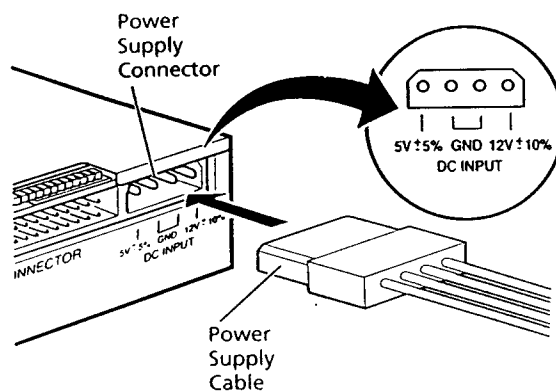
- 6 Route the flat cable and audio cable through the drive bay from the front of the computer and insert the CD-R drive into the bay as shown. Secure the CD-R drive to the frame using the screws supplied.



**Note**

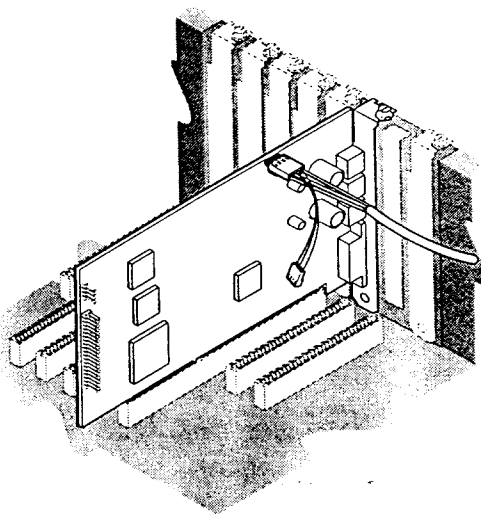
*If you cannot secure the CD-R drive to the drive bay, you may need to install slide rails (not included) to the CD-R drive. Refer to your computer user's guide for additional information.*

- 7 Locate an available power supply cable inside your computer and connect it to the power supply connector on the rear of the CD-R drive as shown.



⚠ The power supply connector is designed to fit only one way. Do not attempt to force the cable in upside down, otherwise the CD-R drive will be damaged and the product warranty voided.

If a Sound Card is installed, attach one connector on the "Y" end of the audio cable (the connector that fits) to the Sound Card.

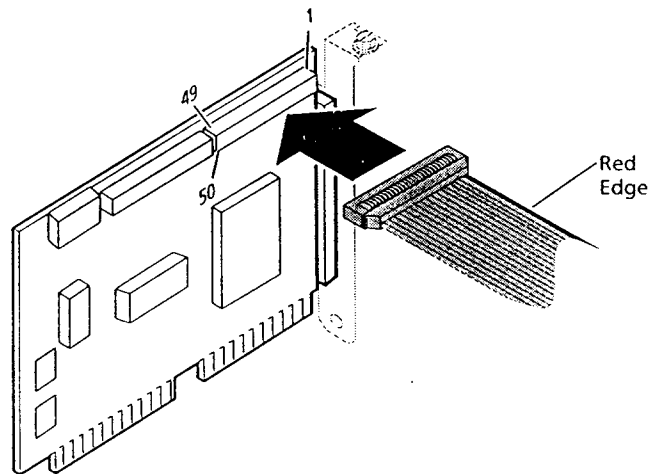


#### Note

If the included audio cable does not fit in the connector on the Sound Card, please contact the Sound Card manufacturer for assistance.

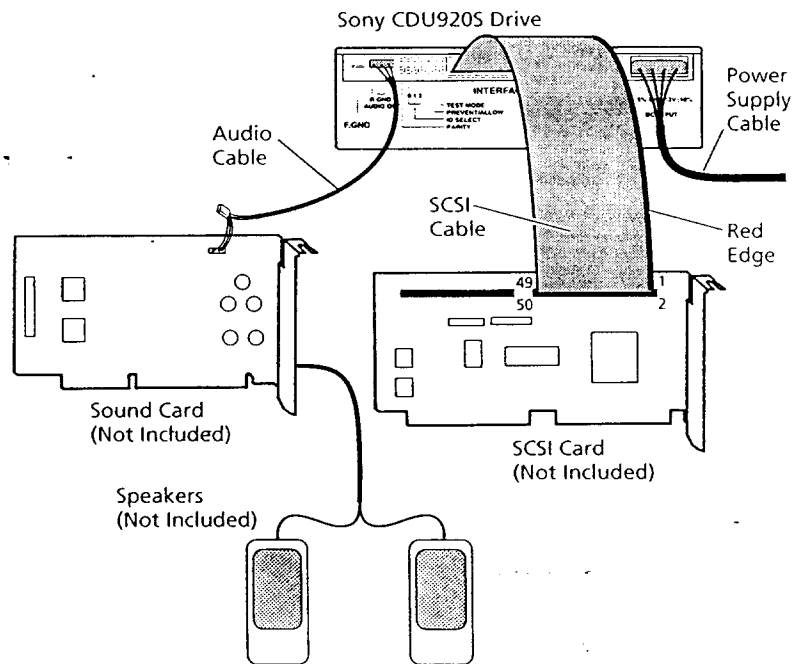
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- 8 Connect the free end of the flat cable to the existing SCSI Host Adapter Card.

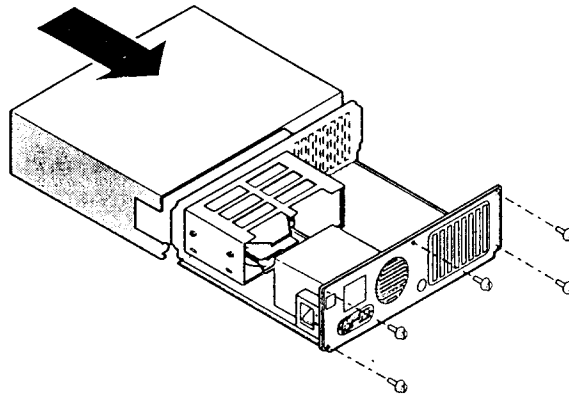


**Note**

- The red edge of the flat cable must be closest to pin number 1 of the interface card connector.
- The following illustration is a sample system configuration of the Sony CDU920S CD-R drive installation with a SCSI card.



- 9** Replace the cover on the computer, being careful to reinstall all screws that were removed.



- 10** Install the Corel CD Creator Software. Please refer to the Corel CD Creator User Manual.

The Sprensa 920 Drive Unit is now completely installed. Proceed with the instructions in the Corel CD Creator User Manual to learn more about operating the Sprensa 920 Drive.

## Technical Support

Should you require further assistance, please call the Sony technical support number for your country. One of Sony's Technical Support professionals will be happy to assist you.

### United States

Technical Support: 1-800-326-9551  
Automated TechFax: 1-408-955-5505  
Hours of Operation: Monday - Thursday  
8:00 AM - 5:00 PM  
Friday  
8:00 AM - 3:00 PM  
(Pacific Standard Time)

### Canada

Technical Support: 1-416-499-1414 (CPI Division)  
Automated TechFax: 1-800-961-SONY (7669)  
Hours of Operation: Monday - Friday  
9:00 AM - 5:00 PM  
(Eastern Standard Time)

*CSP-920S*

## **Spresa 920<sup>™</sup> Drive Unit**

Installation Guide