

MEDIA MASTER™

CD-REWRITABLE TECHNOLOGY

**Internal Multifunction
CD-ReWritable Drive
CD-Recordable Drive
CD-Player Drive**



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What Can Ricoh's Innovative Technology Do For You?

Multifunctional for many different applications:

- Read and write all popular CD formats: audio, data, graphical, multimedia and photo files.
- Write to CD-R media for applications such as archiving and data distribution: readable on most standard CD-ROM drives.
- Write to CD-RW media for applications such as scheduled backups and title development: readable on most multi-read CD-ROM drives as well as DVD-ROM drives.
- Produce or prototype CD's without costly rewrites or pre-mastering, taking advantage of CD's for distribution.

RICOH®

ATAPI Interface

- Write, erase and write again
- Multifunction Capabilities: rewrites, records and plays CD-RW, CD-R and CD-ROM media
- Forward compatible with DVD-ROM
- Write 2X/Read 6X
- For Windows 95® and NT 4.0™ Workstation
- Dust-free design
- Includes one CD-RW and CD-R media

Easy to use, reliable drive:

- ATAPI interface: simply plug the drive into your E-IDE motherboard (check your system documentation to verify E-IDE support).
- Running Optimum Power Calibration (OPC) automatically adjusts laser intensity while writing CD's, avoiding most errors caused by dust particles or fingerprints that may be present on the media.
- Protects and ensures stable data recording with proprietary dust-free design.

Readily available media:

- Store the equivalent contents of 450 floppies onto a single CD disc at pennies per megabyte.
- Create long lasting data storage: preserves data up to six times longer than magnetic media.
- Create durable data storage: once written, CD-R and CD-RW media are not affected by magnets or damage from liquids.

*We recommend using Ricoh branded
CD-R and CD-RW media.*

Versatile Software Package To Work For You.

Adaptec Easy CD Creator for pre-mastering

Easy CD Creator provides you with several tools to create CD's through pre-mastering – the process of creating a CD: • Personal music CD's – from songs on an existing CD or sound files stored on your hard drive. • Data CD's – from your computer files to archive data, backups, creating test copies of a CD and for

EASY CD CREATOR™

distribution of information. • Bootable CD's – create a backup copy of your customized system configuration. • Multi-session CD's – for backing up large quantities of data or distribution of data updates. • Mixed-Mode CD's – combining data and audio on a CD.

Adaptec DirectCD for packet writing

You know how easy it is to save files to your hard disk or floppy disk. Now, Adaptec introduces you to DirectCD, the software that makes your CD-ReWritable as easy to use as a disk drive. You can drag and drop files, rename files, delete files and create new directories right on your CD-R or CD-RW disc. You can even save files directly from your word processing software, spreadsheet or other application directly to your media.



Seagate Backup Exec for backup

- Utilize Wizards to guide you through the easy backup and restore process.
- Store up to 1.3GB on a single disc—twice the capacity of other “CD backup products”.
- Span between CDs—backup even the largest hard drives.
- Maximize WIN 95 and NT WS system performance with 32-bit design—up to 36MB/minute.
- Create bootable CD's.



Now Included
Adaptec
DirectCD®
ver. 2.0
For Windows
For Random Write & Erase

Operating System Compatibility Chart

WINDOWS	Software	Platform Supported	
		Win 95®	Windows NT 4.0 Workstation
	CD Creator (pre-mastering)	•	•
	DirectCD (packet writing)	•	•
	Seagate Backup Exec (backup)	•	•

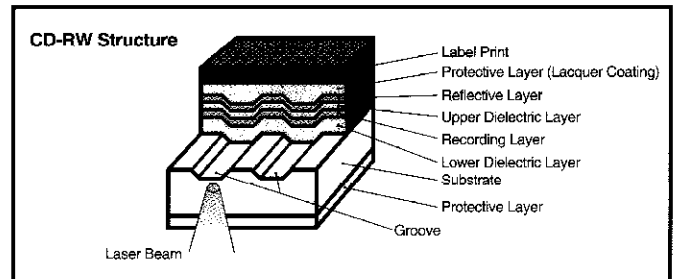
• Included in kit.

Ricoh's innovative technology makes it work.

Ricoh has developed an innovative recording material which allows the recording layer of the compact disc to be 'erased' and rewritten again. Compact discs are made up of several different layers of material, one of which is a recording layer where data is 'burned'.

In CD-R's, this recording layer is made up of an organic dye. During recording, this organic dye is marked by a laser in a permanent way. Therefore, CD-R's can only be written once.

In contrast, CD-RW has a recording layer that is made up of a metal. During recording, a laser



writes data on this metal recording layer; but because of the special characteristics of this layer, this data can be 'erased' when laser is redirected. Thus, CD-RW has a rewritable feature that will allow you to write, erase and rewrite again, up to 1,000 times on the same media - saving you money and providing you with all the benefits of a compact disc.

It works for you.

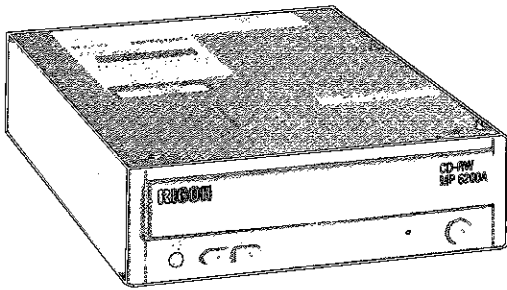
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KIT CONTENTS/ INTERNAL DRIVE

- Ricoh Internal CD-RW 2X/6X Drive with 1MB Buffer Model MP 6200A.
- IDE Cable.
- Application Software CD.
- Instruction Manual.
- (1) Blank Ricoh CD-RW Media.
- (1) Blank Ricoh CD-R Media.
- Mounting Hardware.

- Adaptec Easy CD Creator Software.
- Adaptec DirectCD Software.
- Seagate Backup Exec Software.



MP 6200A SPECIFICATIONS			
Model type	Internal		
Interface	ATAPI (E-IDE)		
Data buffer memory	1MB		
Data transfer rate	5MB/sec. (maximum)		
Recording/reading speed	6X: 900KB/sec. (Mode 1, Mode 2 Form 1) <Reading Only> 6X: 1026KB/sec. (Mode 2 Form 2) <Reading Only> 2X: 300KB/sec. (Mode 1, Mode 2 Form 1) 2X: 342KB/sec. (Mode 2 Form 2) 1X: 150KB/sec. (Mode 1, Mode 2 Form 1) 1X: 171KB/sec. (Mode 2 Form 2)		
Average access time	350 msec. (6X)		
Installation direction	Horizontal		
Applicable formats	Format	<Write>	<Read>
	CD-DA	●	●
	CD-ROM	●	●
	CD-ROM+CD-DA	●	●
	CD-ROM XA	●	●
	CD-I	●	●
	Photo CD	●	●
Weight	Less than 3.5 lbs.		
Dimensions	4 x 8 x 1.5 inches (W x L x H)		
Power requirements	5VDC, 12VDC		
Power consumption	8W (maximum)		
Reliability			
Error Rate	Less than 10 bits		
Operating environment	Non-Operating		
Temperature (without cooling)	5° - 40° C	-30°C - 65°C	
Humidity	5% - 90%	5% - 95% R.H.	
Dust resistance	Less than 3 million class		

Minimum System Requirements

- IBM or compatible with 486/25 processor.
- 16MB RAM.
- 16MB free disk space; disk access time < 15 ms, transfer rate > 800 KB/s.
- Windows 95® or Windows NT 4.0 Workstation.
- Open 5-1/4", half-height mass storage bay.
- Available E-IDE Port.

Other Ricoh Digital Products...

RDC-2 Multimedia Digital Camera	Internal CD-RW 2X/6X Drive (for Windows 95)	
RDC-2E Multi-Mode Digital Camera	RXP-10 Color Dye-Sub Printer	
RDC-300 Personal Digital Camera		
External CD-RW 2X/6X Drive (for Windows and Macintosh)	Ricoh CD-ReWritable Media	Ricoh CD-Recordable Media

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