

CD-ROMS

只 读 光 盘 目 录

SERIALS DEPARTMENT
CHINA NATIONAL PUBLICATIONS IMPORT EXPORT CORPORATION

中国图书进出口公司 文献部编



致 光 盘 订 户

为了加强文献资源的开发与利用,完善文献检索系统,逐步建立与现代化手段相结合的文献开发与管理系統,实现文献互作的现代化,提高信息传递的速度和文献的利用率,我们特向您们推荐一种新型信息载体——只读光盘,为此我们编辑了一本光盘目录。愿我们的努力能为您们的技术攻关、科学研究与图书情报互作提供小小的奉献。

只 读 光 盘 概 况

只读光盘(CD-ROM)全名是高密度光盘只读存储器(Compact Disc—Read Only Memory)。它是国外近几年来发展起来的一种利用光学存储技术的新型信息载体。(1980年由荷兰飞利浦公司的日本索尼公司首先研制成功的。据预测光盘将成为当今信息时代一种最有发展前途的信息存储载体。

只读光盘是一张直径为120毫米的小圆盘,厚度为1.2毫米,盘中心有一个直径为15毫米的小孔。盘面的螺旋形光道上布满有200万个表示信息的小坑,光道总长度为3英里。其主要特点有:

1.信息存储量大。一张只读光盘的信息存储量至少为

540MB(540 兆字节), 相当于 500—1000 张存储量为 1MB 的软盘, 或相当于 20—30 盘存储量为 20MB 的硬磁盘, 可收录 13 万 5 千页的图书, 相当于 100 部《战争与和平》长篇小说;

2. 可随机存取, 检索速度快, 平均存取时间为 0.5—1 秒;

3. 使用方便。用一种光盘驱动器(又称光盘阅读器)与微机连接, 并配以相应的检索软件, 即可使用。可随时检索, 避免远距离联机检索的缺陷, 可允许用户限制检索;

4. 光盘的输入与读取, 均采用激光扫描, 无机械磨损, 保存性能好;

5. 经济实用。制造成本低, 可廉价地进行大量复制, 一张光盘的成本与计算机软盘相差无几。光盘在发行手续费、仓库保管费及运费等方面要比印刷型出版物与缩微品便宜, 且节省空间, 易于管理;

6. 光盘作为信息载体, 不仅可以收录文字, 还可以收录图象、数据和声音;

7. 可作为数据库存储介质, 将只读光盘置于中央计算机室, 通过终端联接, 可供用户共同使用。

光盘作为一种新型信息载体投入市场以来, 以其独特的优点, 受到图书情报部门的欢迎。1984 年国外开始向图书馆和情报部门推广。据调查, 1988 年世界只读光盘种数有 300

种左右，其中美国占 60—70%，出版发行机构有 200 多家。只读光盘的市场发展很快，据统计的预测，1988 年世界光盘驱动器的销售量为 115907 台，1990 年将达到 534713 台；1988 年只读光盘的销售量为 1107064 张，1990 年将达到 12319270 张。目前，在美国图书馆和情报服务中心设置有 1 万多台驱动器，有 4859 家只读光盘用户，1988—90 年还有 5309 家潜在用户，到 1990 年美国将有一半的图书馆情报人员利用只读光盘。我国自 1986 年开始引进只读光盘，深受订户欢迎，现已引起图书情报部门的重视。

目前，只读光盘的主要产品有数据库、词典、百科全书、年鉴、人名录、公司名录、文摘、索引、馆藏目录、书目、法规、标准、专利、地图、图谱、商情数据、产品目录和统计数据等，预计只读光盘版的数据库种类和发行数量将不断增加。

近年来，只读光盘已逐渐在图书情报的存储与检索交互作中得到应用。在国外，一些图书馆和情报单位已利用只读光盘技术建立数据库，从而建立起新型的情报检索系统。目前，我国的文献资源交互开发能力差，文献检索系统不完善，检索手段落后，文献利用率又低，为了改变这一落后状况，国家目前受财力限制，大多数图书馆和情报单位不可能引进计算机，建立大型计算机检索系统。加上通信技术不发达，联机检索也困难。就是利用国际联机检索终端，由于联

机索费用昂贵，检索一个课题的费用高达 200—300 元，使许多用户“望洋兴叹”。鉴于目前这一现状，我们可以利用只读光盘不需要通信系统，可以一次购买，无限制使用，全天候检索和经费投入少的优点，在我国图书情报部门逐步推广只读光盘的应用，建立自己的小型数据库，进一步开展情报检索服务。

只读光盘配套设备与订购

只读光盘系统的安装与操作简单，使用方便，只要用接口板和连接线把微机与驱动器联接起来，即可检索阅读，配与打印机，可把光盘的数据打印出来，使用光盘需要配备如下设备：

1. 微机^①计算机：不同的光盘要求匹配不同型号的微机，目前大多数光盘使用 IBM PC/XT、AT 微机或其兼容机。日本的光盘，由于日文的特殊性，要求使用 IBM5550 型和日电的 PC9801 系列等微机，少数光盘要求匹配专用机；

2. 光盘驱动器：目前大多数光盘使用美国 Amdek 公司，荷兰飞利浦公司、日本索尼、日立、东芝、三洋等公司的驱动器。价格在 700—1000 美元之间。连接微机与驱动器用的接口板和连接线在订购时一并供应；

09 综合性光盘
General Books

3.检索软件: 各种光盘配备有不同的检索软件, 因此订购光盘时, 国外必须将有关软件与用户手册等辅助材料随光盘一起供应;

4.打印机: 用来打印检索结查。

光盘要求配备哪种微机、驱动器和检索软件, 在目录中均有注明, 目录中所标价格供选订时参考。订购光盘只需付人民币。

光盘的订购一般采取按年预订, 按出版周期供货的方式。有的要求连续预订。每年数次更新的光盘, 按国外规定, 更新光盘出版后, 订户应把旧盘退回, 向原供应商换取新盘。为此, 供应商要求与订户签订合同, 才能供应。除单独订购光盘外, 还可光盘与驱动器同时订购, 或光盘、微机与驱动器全套订购, 有少数几种光盘只供美国用户, 不向国外发行。

为了使广大读者了解国外只读光盘的品种, 便于图书情报部门选订, 我们编选了 229 种光盘目录, 按类分别报导, 供读者选订时参考。详细的光盘目录, 不久将编辑出版。目前, 我们已开始办理光盘及驱动器的订购业务, 如需进一步了解光盘情况或拟订购的读者, 请直接与中国图书进出口总公司文献部联系。电话: 44.0731 转 261 或 335

文 献 部

一九八九年二月二十八日

目 次

09	综合性光盘	1	51	数学	69
19	心理学, 行为科学	20	54	化学	70
20	社会科学总论	21	56	地球科学	71
25	地理	24	58	生物科学	76
26	传记	28	61	医药卫生	77
27	经济	28	65	农业科学技术	91
31	政治, 国际问题	41	70	环境科学	96
33	社会学	42	71	技术科学	97
34	法律	43	72	力能学, 动力工程	102
34	军事	46	73	机电工程与电子技术	103
37	文化事业	46	80	电脑科学技术	104
38	教育	56	81	化工	110
41	语言文字	63	85	轻工业	111
48	艺术	66	86	建筑工程	112
49	宗教	67	87	运输工程	113
50	自然科学总论	68	89	材料科学	115



09 综合性光盘

General Books

09CD1A1

Title (Acronym): A-V Online **视听资料数据库光盘**

Data Provider: National Information Center For Educational Media (NICEM)

**ROM Producer/
Distributor:**

视听材料联机光盘 (A-V ONLINE)

ROM Drive: Amdek; Hitachi; Philips; Sony; Toshiba

**Search Software,
Version:** SilverPlatter Retrieval Software — ver. 1.4

Software Producer: SilverPlatter Information Inc.

Computer: IBM PC, AT, XT or 100% compatible

Memory: 512K (hard disk recommended)

Update: annually

Price: \$795 per year subscription; \$1,195 purchase price, no annual updates

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Directories; Education

Description: A-V Online is the foremost audiovisual materials database, covering videotapes, films, audiocassettes, filmstrips and other media on all subjects.

收录由美国全国教育材料情报中心 (NICEM) 编制的目录检索资料, 报道影片、录相片、录音带、幻灯片卷, 以及其他各类视听媒体与各种电教材料等。收录美国国会图书馆、出版商目录与其他馆藏目录, 全部光盘共收集约 30 万件视听材料, 每年尚有 2 万余件项目更改和新增加材料。著录项目包括名称、简介、应用水平以及有关供应途径等。报道的文种有英、德、法、西以及其他文种, 以英文为主, 是一种可查检视听资料的有用工具。全年订价 875 美元。

09CD1A2

Title (Acronym): Address Verification System (AVST)

Data Provider: Information Design Inc.

**美国地址查对系统光盘
(美国邮政服务指南)**

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony

**Search Software,
Version:** proprietary

Computer: IBM PC XT or 100% compatible

Memory: 640K (with 20K hard disk)

Update: quarterly

Price: \$3,950 per year

Type: Reference; Demo Disc - Reference

Subject: Directories; Statistics, Population & Demography

Description: Provides all addresses and ZIP+4 codes contained in U.S. Postal Services National Directory Database.

09CD1A3

Title (Acronym): Books in Print Plus™ 美国在版书目光盘

Data Provider: Bowker Electronic Publishing

ROM Producer/
Distributor:

ROM Drive: Amdek; Hitachi; Philips; Sony; AppleCD SC

Search Software,
Version: proprietary

Computer: IBM PC XT, AT or 100% compatible; Apple Macintosh

Memory: 640K

Update: quarterly

Price: \$995 one year subscription; \$2,836 three year subscription; £750 per year international subscription

Type: Database - Bibliographic; Reference

Subject: Bibliographies & Indexes; Library & Information Science

Description: More than 770,000 citations to the complete *Books in Print*, including: Books in Print Author; Title; Subject Guide; Forthcoming; Supplement; and Children's Books in Print.

09CD1A4

Title (Acronym): Books in Print with Book Reviews Plus™ 美国在版书目与书评光盘

Data Provider: Bowker Electronic Publishing

ROM Producer/
Distributor:

ROM Drive: Amdek; Hitachi; Philips; Sony; AppleCD SC

Search Software,
Version: proprietary

Computer: IBM PC XT, AT or 100% compatible; Apple Macintosh

Memory: 640K

Update: quarterly

Price: \$1,395 one year subscription; \$3,976 three year subscription; £995 per year international subscription

Type: Database - Bibliographic; Reference

Subject: Bibliographies & Indexes; Library & Information Science; Reviews

Description: The entire Books in Print Plus™ database with complete, full text reviews from *Library Journal*, *Publishers Weekly*, *School Library Journal*, *Choice* and *Booklist*.

09CD1A5

Title (Acronym): Books Out-Of-Print Plus™ 美国绝版书目光盘

Data Provider: Bowker Electronic Publishing

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony

**Search Software,
Version:** proprietary

Computer: IBM PC XT, AT or 100% compatible

Memory: 640K

Update: quarterly

Price: \$395 one year subscription; \$1,126 three year subscription; £325 per year international subscription

Type: Database - Full Text; Reference

Subject: Bibliographies & Indexes; Library & Information Science

Description: More than 300,000 titles declared out-of-print or out-of stock by their publishers from 1979 to the present.

09CD1A6

Title (Acronym): CUMULATIVE BOOK INDEX (CBI)

累积图书索引光盘

Data Provider: H.W. Wilson Company

**ROM Producer/
Distributor:**

ROM Drive: Hitachi; Philips; Sony

**Search Software,
Version:** WILSONDISC — ver. 1.16

Software Producer: H.W. Wilson Company

Computer: IBM PC XT, PS/2

Memory: 640K and hard disk

Update: quarterly

Price: \$1,295 annual subscription; includes unlimited online access to CBI database on WILSONLINE

Type: Reference

Subject: Bibliographies & Indexes; Publishing

Description: Contains about 248,000 citations to English-language books published worldwide. Covers books partially in English, including dictionaries, and phrase books. The publisher, distributor and price in local currency are listed for each work. Contains the names and addresses of publishers and distributors. Corresponds to "Cumulative Book Index". Coverage from 1982.

09CD1A7

UMI 学位论文文摘光盘

Title (Acronym): Dissertation Abstracts Ondisc

Data Provider: University Microfilms International (UMI)

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony; Denon; Toshiba

**Search Software,
Version:** UMI CD-ROM Retrieval Software — ver. 1.4

Software Producer: University Microfilms International (UMI)

Computer: IBM PC XT, AT or 100% compatible

Memory: 512K with hard disk

Update: quarterly

Price: current Edition - \$1,695; backfile edition (2 disc set) - \$5,495

Type: Database - Bibliographic; Reference

Subject: Bibliographies & Indexes; General Interest

Description: Current Edition has bibliographic citations and 350-word abstracts to over 120,000 doctoral dissertations from 7/84-12/87; Backfile (Archival) Edition has two discs — 700,000 citations from 1861-6/80 and 140,000 citations/abstracts from 7/80-6/84.

09CD1A8

美国学术百科全书光盘

Title (Acronym): Electronic Encyclopedia, The

Data Provider: Grolier Electronic Publishing, Inc.

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony

**Search Software,
Version:** proprietary

Computer: IBM PC, XT, AT, PS/2 or compatible

Memory: 256K

Update: annually

Price: \$395

Type: Reference

Subject: Encyclopedias, Dictionaries & Handbooks

Description: Full text of the *Academic American Encyclopedia* - 30,000 articles.

09CD1A9

美国政府文献目录订阅服务光盘

Title (Acronym): Government Documents Catalog Subscription Service (GDCS)

Data Provider: U.S. Government Printing Office; Library of Congress

**ROM Producer/
Distributor:**

ROM Drive: Hitachi; Philips; Sony

**Search Software,
Version:** IMPACT (for GDCS service)

Software Producer: Auto-Graphics, Inc.

Computer: IBM PC, XT or compatible

Memory: 512K

Update: monthly

Price: quoted upon request

Type: Database - Full Text

Subject: Bibliographies & Indexes; Government

Description: An index to GPO bibliographic records from 1976 to the present, cumulated monthly from LC tapes. Access by author, title, subject, SuDocs Number and Report Number. Features include browse (SuDocs browse capability added March '88) and keyword (implied Boolean "and") searching; self-teaching with function key map on screen.

09CD1A10

美国政府出版物月度目录光盘

Title (Acronym): GPO MONTHLY CATALOG (GPO)

Data Provider: U.S. Government Printing Office

**ROM Producer/
Distributor:**

ROM Drive: Hitachi; Philips; Sony

**Search Software,
Version:** WILSONDISC — ver. 1.16

Software Producer: H.W. Wilson Company

Computer: IBM PC XT, PS/2

Memory: 640K and hard disk

Update: annually

Price: \$995 annual subscription; includes unlimited online access to GPO database on WILSONLINE

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Political Science; Government

Description: Contains about 269,000 citations to the publications of U.S. government agencies, including the U.S. Congress. Covers Senate and House hearings on bills and laws, as well as agency-sponsored studies, fact sheets, maps, handbooks, bibliographies and conference proceedings. Subjects covered include agriculture, economics, energy, public affairs, taxation, law, health, consumer issues and environment. Corresponds to *Monthly Catalog of United States Publications*. Coverage from July 1976.

09CD1A11
美国政府出版物目录光盘

Title (Acronym): GPO on SilverPlatter

Data Provider: U. S. Government Printing Office

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony; Toshiba

**Search Software,
Version:** SilverPlatter Retrieval Software — ver. 1.4

Software Producer: SilverPlatter Information Inc.

Computer: IBM PC, AT, XT or 100% compatible

Memory: 512K (hard disk recommended)

Update: bi-monthly

Price: \$950

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Political Science; Government

Description: Contains citations from 1976 to present on government publications, such as books, reports, studies, serials, maps and more from the *Monthly Catalog* and published by the Government Printing Office.

09CD1A12
美国政府期刊索引光盘

Title (Acronym): INDEX TO U.S. GOVERNMENT PERIODICALS (IGP)

Data Provider: Infordata International

**ROM Producer/
Distributor:**

ROM Drive: Hitachi; Philips; Sony

**Search Software,
Version:** WILSONDISC — ver. 1.16

Software Producer: H.W. Wilson Company

Computer: IBM PC XT, PS/2

Memory: 640K and hard disk

Update: annually

Price: \$995 annual subscription; includes unlimited online access to IGP database on WILSONLINE

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Government; Political Science; Publishing; General Interest

Description: Contains about 98,000 citations with access to more than 185 periodicals produced by over 100 U.S. government agencies. The database indexes journal articles, letters, book reviews, press conferences, and conference proceedings. Among the subjects included are: agriculture; industry; defense policy; energy and environmental issues. Coverage from January 1980.

09CD1A13

报刊索引—公共图书馆版本光盘

Title (Acronym):	InfoTrac™ - Public Library Version
Data Provider:	Information Access Company
ROM Producer/ Distributor:	
ROM Drive:	Hitachi; Philips; Sony
Search Software, Version:	proprietary
Computer:	IBM PC, XT, AT or compatible
Memory:	512K (640K with hard disk recommended)
Update:	monthly
Price:	\$7,000 and up
Type:	Database - Bibliographic
Subject:	Bibliographies & Indexes; Newspapers & Periodicals
Description:	InfoTrac™ - Public Library Version is an index to approximately 1,100 business, technical and general interest periodicals, including the <i>Wall Street Journal</i> and the <i>New York Times</i> .

09CD1A14

INGRAM 在版书目光盘

Title (Acronym):	Ingram - Books In Print Plus™
Data Provider:	R.R. Bowker; Ingram Distribution Group Inc.
ROM Producer/ Distributor:	
ROM Drive:	Amdek; Hitachi; Philips; Sony
Search Software, Version:	proprietary
Computer:	IBM PC XT, AT or compatible
Memory:	640K with hard disk
Update:	quarterly
Price:	to be announced; release date Aug. 1, 1988
Type:	Database - Bibliographic; Reference
Subject:	Bibliographies & Indexes; Library & Information Science
Description:	This CD-ROM contains the Books In Print Plus data with the addition of inventory status information on all books and audio titles carried in Ingram Distribution Group Inc.'s distribution centers. Also includes Ingram's FlashBack electronic ordering capability.

09CD1A15
美国政府文献目录光盘

Title (Acronym): Le Pac: Government Documents Option

Data Provider: U.S. Government Printing Office

ROM Producer/Distributor:

ROM Drive: Hitachi

Search Software, Version: Le Pac — ver. 4.94

Software Producer: Brodart Automation - Div. of Brodart Co.

Computer: IBM PC AT or compatible

Memory: 640K

Update: bi-monthly

Price: call for quote

Type: Reference

Subject: Library & Information Science; Government; Political Science

Description: Le Pac: Government Documents Option contains the full bibliographic entry for titles from 1976 to the present. The database is searchable by author, title, subject, SuDocs#, and other indexed fields of the MARC record

09CD1A16
杂志文章摘要光盘

Title (Acronym): Magazine Article Summaries (MAS)

Data Provider: Magazine Article Summaries - Div. of EBSCO Subscription Services

ROM Producer/Distributor:

ROM Drive: Amdek; Hitachi; Philips; Sony

Search Software, Version: EBSCO-CD — ver. 1.00

Software Producer: EBSCO Electronic Information

Computer: IBM PC XT, AT, PS/2 or compatible

Memory: 640K with hard disk

Update: 10 times per year

Price: to be determined

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Newspapers & Periodicals

Description: Magazine Article Summaries is an index to over 200 popular journals, 1984 to the present including abstracts for each citation. Release is planned for summer 1988.

09CD1A17

杂志文章主题索引光盘

Title (Acronym): MAGAZINE INDEX/PLUS™

Data Provider: Information Access Company

**ROM Producer/
Distributor:**

ROM Drive: Hitachi; Philips; Sony

**Search Software,
Version:** proprietary

Computer: IBM PC, XT, AT or compatible

Memory: 512K (640K with hard disk recommended)

Update: monthly

Price: prices range from \$2,900 to \$4,500

Type: Database - Bibliographic

Subject: Bibliographies & Indexes; Newspapers & Periodicals

Description: MAGAZINE INDEX/PLUS™ is a subject index to thousands of articles drawn from over 400 of the most popular and widely-read magazines plus the *New York Times*.

09CD1A18

10 种参考工具书光盘

Title (Acronym): Microsoft Bookshelf

Data Provider: various publishers and organizations; compiled by Microsoft Corporation

**ROM Producer/
Distributor:**

ROM Drive: Amdek; Hitachi; Philips; Sony

**Search Software,
Version:** proprietary

Computer: IBM PC, XT, AT, PS/2 or compatible

Memory: 512K with hard disk

Update: as necessary

Price: \$295; \$10 demo videotape from Microsoft Corporation

Type: Reference

Subject: Encyclopedias, Dictionaries & Handbooks

Description: A collection of ten reference works including *The American Heritage Dictionary*, *Rogers II: The New Thesaurus*, *The World Almanac and Book of Facts*, *Bartlett's Familiar Quotations*, *The Chicago Manual of Style*, *Houghton Mifflin Spelling Verifier and Corrector*, *Forms and Letters*, *U.S. Zip Code Directory*, *Houghton Mifflin Usage Alert*, and *Business Information Resources*. Automatically exchanges information with 12 word processors.

09CD1A19
16 万家公司名录光盘

Title (Acronym):	Million Dollar Directory
Data Provider:	Dun's Marketing Service
ROM Producer/ Distributor:	
ROM Drive:	Amdek; Hitachi; Philips; Sony; Toshiba
Search Software, Version:	proprietary
Computer:	IBM PC, XT, AT
Memory:	512K (hard disk required)
Update:	annually
Price:	to be determined; projected availability in 4th quarter 1988
Type:	Database - Full Text
Subject:	Business & Finance
Description:	Contains listings to top 160,000 companies (both public and private) including location and phone number, officer names, SIC codes and line of business descriptions, size indicators, corporate family relationships and DUN's numbers. A separate database of corporate officer biographies is linked to the Million Dollar Directory.

09CD1G4 联邦德国公司企业行名录 (WER LIEF-
ERT WAS?)

联邦德国出版的《谁供应什么?》(Wer Liefert was?)是一本专门报道联邦德国与西柏林的生产厂商的行名录,到1988年已出版第40版。该工具书除了出版印刷本外,近年来又出只读光盘版。

该工具书主要分10个部份,分类报道联邦德国各厂商。1—9部分为分类报道,第10部份为厂商字顺名址索引。

1—9部分分别为: 1. 食品工业与农业机械; 2. 建筑机械与建筑材料; 3. 纺织、服装、皮革与珠宝业; 4. 医药卫生、化妆、体育用品; 5. 数据处理、自动化等; 6. 光学仪器、精密仪器、教学用具等; 7. 动力工程、车辆运输; 8. 机械工具、化学与合成材料; 9. 造纸、印刷机械与办公设备。

另外该工具书编排5种(英、德、法、意、西)主题索引,可根据不同主题检索对口的厂家,使用较为方便,该工具书第40版光盘每年出版一张,定价为1,950西马克。