



## GEAR 3.2 for Windows

Choose for the standard in CD Recording \*now\*

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GEAR the most advanced CD Recording software is again upgraded with a number of interesting features!

This demonstration version of GEAR for Windows will give you all the functionality of GEAR but the size of your images is limited to 6 Mb. Discover why people choose for the standard in CD mastering and Recording.. The GEAR product line also includes Macintosh and Unix versions!

Get into GEAR! You can call our offices for more information regarding the GEAR product line. You will find the address below.

### **What is GEAR**

Today, the powerful combination of Multi Media and CD systems offer you an unparalleled opportunity for the cost-effective, innovative communication of large amounts of information. The wealth of CD Technology for delivering your information is already reflected in an exciting diversity of successful applications; from technical manual to entertainment and from low volume in-house distribution to mass market publishing.

Across the entire range of CD-applications, Elektroson's GEAR offers the most advanced, easy to use solutions for the production of compact discs, regardless what computer you use. Whether you want to produce:

- + a single disc at your desktop,
  - + a magnetic (premaster) tape for mass replication,
- you will find GEAR, the software that gives you control of CD publishing, mastering and CD-Recordable writing.

Elektroson's GEAR is a streamlined software solution for ISO 9660, Mixed Mode, CD-ROM XA and Multi-session formatting, premaster tape production and for mastering of your data to CD- Recordable disc (CD-R).

You can choose for a Windows version, a Macintosh version or an UNIX version (HP or SUN).

### Multi-session

Multi-session, according to the Orange Book is the possibility to record the information on the CD-R in several interrupted actions (e.g. at a different time on a different recorder), the so called sessions. Each session can contain information according to one of the CD standards (ISO 9660, CD-ROM XA, CD-DA, etc.). The data in different sessions can be linked (i.e. a newer session can refer to data in an older session) or can be stand alone.

This functionality offers enormous possibilities for;

- + document archiving
- + catalogs which need regularly updates
- + other incremental storage requirements

For each platform (Windows, Mac, UNIX) there is GEAR software supporting Multi-session and Multi-volume.

All GEAR products have the following key features.

#### GEAR Key Features

- + Fast virtual ISO, CD-ROM XA and Multi session formatting.
- + Easy to use intuitive interface.
- + Support of non-ISO characters.
- + Powerful Elektroson virtual CD-ROM image system (the first in the premastering market) for minimal extra hard disk space usage.
- + Output to image file, tape or CD-Recordable.
- + Formatting support for the EB, MMCD and CD Bridge discs which allows you to participate in this emerging market.
- + Tape output conform to ANSI standard (DDP) for acceptance at any CD-ROM mastering facility.
- + Compatibility with most popular networks and input/output devices which gives the flexibility to make maximum use of existing configurations.
- + CD-Recorders supported are Sony CDW900, Yamaha CDR100, Philips CDD521/522, Kodak PCD 200/225/600, JVC XR-W1001, Plasmon RF4100, Pinnacle RCD 202 and RICOH RS-9200.
- + SCSI tape units supported are 8mm Exabyte, 9 track or 4mm DAT.

### **GEAR for WINDOWS**

#### Data input and output formats:

The data source can be any DOS file or files, even a complete DOS directory or directory tree. Multiple trees can also be used as source. With the new GEAR drag and drop functionality formatting an image has become very easy. Just drag a file or directory to your CD image window and GEAR will automatically convert the native DOS file format to CD-ROM ISO 9660 or CD-ROM XA file format. On the fly you can add, remove and/or change directories and/or files in your CD-ROM image. Also you can add Digital Audio (CD-DA) tracks to create Mixed Mode discs. The GEAR Multi-session support allows you to create images for new sessions. The formatted data can be transferred to one of three destinations (image file, tape, CD-R). If the source is already an image file, GEAR transfers the file to the destination, "as is". This means the image within the file can be of a number of different formats, including DOS, Macintosh HFS, UNIX, CD-i, video-CD, Electronic Book (EB), Multi Media CD-ROM player (MMCD), ISO 9660 or a proprietary format.

#### CD-R production:

The formatted data is written by GEAR to the target CD-Recorder. The written CD-R disc can be read in any appropriate CD-ROM reader, just like a regular CD-ROM. GEAR supports the write disable mode of the CD-Recorders for performing a complete test run without wasting a CD-R disc. The Windows version of GEAR supports all kinds of different formats including ISO 9660, CD-ROM XA, Multi-session, CD-i, video-CD, EB, MMCD, HFS, CD-DA and proprietary formats.

#### Premaster tape production:

In addition to CD-R production, GEAR, also allows you to "premaster" the formatted data. The target destination is not a CD-R but instead the image of the CD-ROM is written on a (premaster) tape. This image can either be selected and mastered to a CD-R, or be used as a source for creating a glass master for replication.

#### GEAR Windows Extra Features:

- + Logging and batch facilities.
- + Formatting support for the Mammoth Tool Set (MTS) for producing CD-ROM XA and MMCD applications.
- + Can input any image file type for platform specific CD-ROM's such as HFS, CDTV, UNIX, CD-i, video-CD.

#### System requirements:

The following hardware is required to master CD images to the CD-Recorder, or to premaster CD images to tape.

- + IBM or compatible 386 or 486 PC running Dos 5.0 or higher.
- + Windows 3.1.
- + 4 Mb of RAM (8 Mb advised).
- + A disk drive with a high average access time (< 12 ms) improves the performance but is not strictly necessary.
- + SCSI interface cards supported are Adaptec 1542, 1540 and cards supported by ASPI or

ASPI compatible drivers and Future Domain CAM for Windows drivers.

Elektroson

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