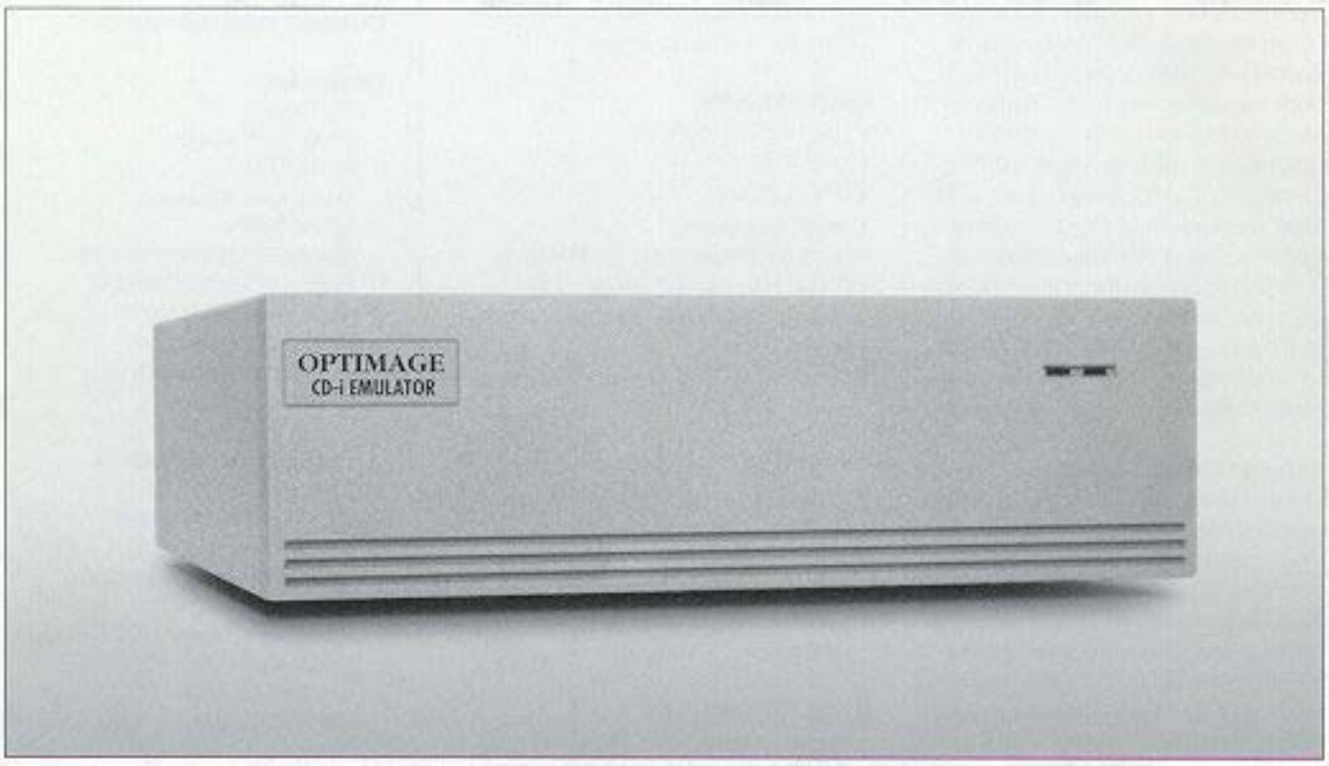
Interactive Media Systems

# CD-i Authoring Tools

# Emulator




PLATFORM

- ▶ MACINTOSCH
- ▶ SUN
- ▶ PC
- ▶ CD-i/CD-RTOS

PHASE

- DESIGN
- PRODUCTION
- AUTHORING
- ▶ DISC BUILDING

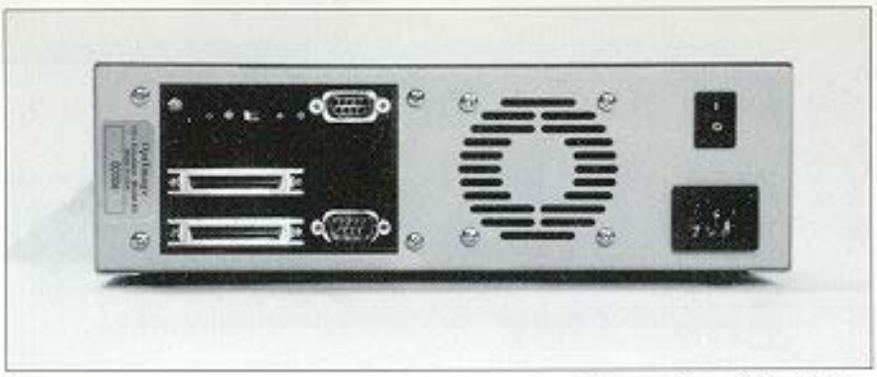
LEVEL

- ▶ DESIGNING
- SCRIPTING
- ▶ PROGRAMMING

## SCSI-based emulation subsystem for CD-i title development

- Allows accurate testing of disc images without the need to make a disc
- Valuable debugging tool for C language programming

PHILIPS



*Rear view of Emulator*

The OptImage Emulator is a versatile hardware device that allows CD-i, CD-DA, and CD-ROM XA (CD-i Bridge) disc images to be accurately tested directly from a high capacity hard disk without the need to create a compact disc. Disc building - assembling the actual CD-i disc image - is the final step in the CD-i authoring process. After the disc image is complete, the Emulator reads the disc image file directly from a hard disk and sends the data to a CD-i development player as if it were coming from optical media.

The OptImage Emulator is a subsystem that connects to a number of host platforms: Suns®, Macs®, PCs, and CD-i development players. The Emulator duplicates the data delivery characteristics of an optical disc drive and feeds that information to a CD-i development player. This enables the CD-i developer to preview a disc image with a high degree of accuracy before creating a WORM (Write Once Read Many) disc or sending it to a pressing plant for mass duplication. Developers using C-language programming and Balboa™ will find the Emulator to be an especially valuable debugging tool, enabling them to quickly build disc images of applications under development and perform incremental testing.

The Emulator connects to its host system via serial communications and a shared SCSI bus.

The Emulator acts as a secondary master SCSI controller, using the SCSI connection with the host to share hard disk storage.

## HARDWARE

- 24MHz 68340 CPU
- 2 MB RAM
- 256K ROM
- SCSI interface
- 110/220 volts AC, 50/60Hz
- Dimensions: 10" wide, 11" deep, 3.5" high (25.5cm, 28cm, 9cm)
- Interfaces directly to the Philips CDD 521 CD recorder

### Options:

- Disc Building - CD-i Mastering and Editing Tools
- Script2Disc™ - MediaMogul™ Disc Building Tools
- CD Recorder interface and software

## REQUIREMENTS

- Host system Sun, Mac, PC or Philips CDi 605 Development Player™ w/Monitor
- High Capacity Hard Disk

## RELATED PRODUCTS

- MediaMogul
- Script2Disc
- Balboa
- Disc Building
- CD Recording Software for the Philips CDD 521
- Philips CDD 521 Compact Disc Recorder™
- Philips CDi 605 Development Player w/Monitor
- 1.2 GB Hard Disk

Developed in cooperation with

OptImage



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