

Interactive Media Systems



Typenumber 22SW 1620/21

12NC 8622 3456 2021

Product name **Script to Disc for MediaMogul 2.0**

Product description The Script to Disc program builds a CDI-disc image directly from a MediaMogul Script. The resulting image can then be used to emulate from or to produce an actual CDI disc. When used on a script that includes branches to other scripts, the program builds an image containing all scripts included in the linked chain with all hotshots and menu screens fully functional.

Product Packing

Software

- Script to Disc (3 floppy disks)

Documentation

- MediaMogul Script to Disc manual



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Type number	22SW 1662/20
12NC	8622 3456 6221
Product name	MediaMogul 2.0
Product description	CDI-MediaMogul is a complete authoring system designed to produce interactive multimedia applications for Compact Disc Interactive (CD-I) by a non programmer. CDI MediaMogul includes three major software components: Script Writer, Art Studio and the Editor.

Script Writer

Script Writer allows you to write multimedia scripts by combining video images with digital soundtracks and a wide range of special effects, also supporting animation. In addition, program controls provide you with a powerful tool for introducing variables and your own developed subroutines within a script.

Art Studio

Art Studio gives you the capability to create your own video image files or to modify existing files for use in your scripts. Art Studio includes all standard drawing functions, plus a number of special effects.

Editor

Each of these two software components can be used by themselves, but the real power of CDI-MediaMogul is realised when both are used in conjunction with the Editor to develop presentations that add interactivity to the viewing of scripts. Through the use of menu screen hotspots, the Editor lets the user become an active participant in the script.

Major features:

- Full screen runlength animation at 5,10 or 15 frames per second
- Runs subroutines at any point in the script
- Up to 26 variables for conditional branching to other scripts
- Runtime text overlay on CLUT images
- Partial screen updates
- Hotspots
- Timing and inserting video by click of the mouse
- CLUT colour cycling
- DYUV movies up to 15 frames per second
- Hotspot high lighting
- Microtouch touchscreen capability

1.3.008.1



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Major Features (continued)

- Support for high resolution images (QHYB)
- Overlay background
- Change cursor
- Global replace function
- New Editor interface using drop down menu's
- Automatic help function in Editor
- Online display of cursor position in Editor
- Expanded keyboards shortcuts

New Features

Media Mogul 2.0 features enhanced editors and subroutines, new text and graphics capabilities, interactivity enhancements, script analysis and touchscreen features.

MediaMogul now includes the Pointerless Menu and Irregular Menu plug-ins

New editors

- New preferences editor for modifying default paths, devices, and times with new options for default durations, cursor gravity, and confirmation screens
- New graphic cursor editor
- Placetool - WYSTWYG tool for positioning DYUV movies, partials, rects, text and text files on the screen

Subroutines

- Constrain the cursor to specified portion of screen
- Dim the screen after period of inactivity
- Allows color keying or matting the CD-I planes with the transparency subroutine

Other features

- Play multiple audio channels
- Display an ASCII text file
- Calibrate the touchscreen
- Analyze the entire application
- Pause and continue during the script

Product packing

Software

- MediaMogul (compact disc)
- Mediamogul boot diskette

Documentation

- MediaMogul manual
- Release notes

1.3.008.2



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Typenumber	22SW 1675/11
12NC	8622 3456 7511
Product name	CDI605 System Software Package
Product description	The CDI605 System Software Package contains a system floppy with all OS-9 utilities, a driver update floppy (to be used until the ROM update will be available) and a floppy with public domain software.
Product Packing	<p>Software</p> <ul style="list-style-type: none">- OS-9 System Software, version 1.1 (1 floppy)- Optimage public domain software, version 1.0 (2 floppies) <p>Documentation</p> <ul style="list-style-type: none">- OS-9 System Disk for the CDI605 player- uMacs Reference manual- Using Professional OS-9- Read me note for CDI605 driver update





Typenumber	22SW 1685/11
12 NC	8622 3456 8511
Product name	CD-Recording for CDD-521 for OS9
Product description	<p>The CD-Recording Software for the Philips CDD-521 extends the functionality of the CDI-Emulator by allowing the user to connect the emulator directly to the Philips CDD-521 Compact Disc Recorder. Through this connection disc image data stored on the emulator hard disc can be transferred to the CDD-521 to produce a WORM compact disc. The disc image can be either a CDI, CD-DA or a CD-ROMXA (mode 2) disc image.</p> <p>The Recording Software runs directly on the emulator using the emulator OS-9 operating system. The package includes the CDR-521 program for recording the compact disc plus the utilities and device drivers required to operate the Philips CDD-521. A CDI optical disc is also included with the Recording Software. This disc contains procedures for re-configuring the emulator to use with the Recording Software.</p>
Product Packing	<p>Software</p> <ul style="list-style-type: none">- CD Recording Software for OS9 (1 floppy), <p>Documentation</p> <ul style="list-style-type: none">- CD Recording documentation, revision A.
System requirements	<p>Emulator (OS9),</p> <ul style="list-style-type: none">- Philips CDD-521 Compact Disc Recorder with Version 1.0 firmware or later,- Terminal,- Connecting cables (to be ordered separately with CDD 521)
Note	This product is only required for usage with the "OLD" Emulator.



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Type number

22SW 1690/21

12NC

8622 3456 9021

Product name

Digital Video Plug-in for Media Mogul

Product description

The Digital Video plug-in for Media Mogul allows the developer to play realtime DV files in a Media Mogul application. The DV plug-in also allows to control the display of the foreground and background planes (planes A and B) while the DV file is playing. This includes toggling the display of the video planes off and on with the mouse button during DV play and using matte windows and colour keys for defining transparent areas in both planes.

The use of transparency allows the developer to display images such as menu buttons without obscuring the DV plane, with hotspots and branching fully functional during DV play. Special hotspots can also be defined for controlling DV playback (seven slow motion speeds, pause, freeze, single step). Before a disc, containing a DV file can be built using Script to Disc, it must be copied to the Media Mogul hard disk. If a DV file has to be played from within Media Mogul (simulation), the file must also be recorded on a WORM compact disc for playback from the CD-I player's compact disc drive. Without the file on compact disc, one cannot view the file from within Media Mogul, but can still create an application using the file and build a disc image using Script to Disc. The disc image can then be emulated to play the actual DV file in the application.

Product packing

- Software
DV Plug-in (1 floppy)

Documentation
DV Plug-in manual



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Type number	22SW 1606/20
12NC	8622 3456 0621
Product name	Pop-Up Menu Plug-in for MediaMogul
Product description	<p>Pop-up Menu provides users the opportunity to display a menu that scrolls up from the bottom of the screen at the touch of a button. Your application continues to play - without change - whether the pop-up menu is on or off the screen, even if the screen is displaying an animation or video-in-a-window. The menubar can be "popped" up or down and play continues until a selection is made from the menubar.</p> <p>You can specify many of Pop-up Menu's operation parameters to customize it to your application, including the action that triggers the menu to appear and the speed the menu scrolls up. If a menu is on the screen when the pop-up menu is activated, the previous hotspots can be shut off or remain active. You can also specify the default script for each pop-up menu hotspot, and change the defaults from script to script. Multiple pop-up menus can be implemented within one application, and this plug-in also supports MediaMogul's transparent hotspots. Pop-up Menu is the perfect way to display a control panel for play/pause/forward/reverse over an MPEG-encoded video sequence.</p>
Product Packing	<p>Software</p> <ul style="list-style-type: none">- Pop-Up Menu (1 floppy disk) <p>Documentation</p> <ul style="list-style-type: none">- Pop-Up Menu Manual



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Type number	22SW 1607/20
12NC	8622 3456 0721
Product name	Runlength Plug-ins Package for MediaMogul
Product description	Runlength encoded still images are easier and faster to create than standard animation. This package adds three dynamic run-length features to your MediaMogul authoring system.

Runlength linked hotspots increase the information available from your menu buttons and create interesting special effects using runlength linked hotspots. This plug-in extends highlighting hotspots functionality by allowing the entire full-screen image to change. For example, as the pointer rolls over a designated area, a different, full-screen, 128-color image can be displayed on the screen. The new screen might be used to preview the selection, give instructions or help in high-quality, multi-color text, or display a warning message.

Runlength vertical scroller. This plug-in is a quick and convenient tool for creating vertical scrolling credits or images without generating time-consuming animation. Create a run-length 7 or runlength 3 image which is many times the height of a normal CD-I image, then use Runlength Vertical Scroller to scroll up or down the image. You can even combine Runlength Vertical Scroller with MediaMogul's Overlay Background command to scroll text or graphics over a background image for professional effects.

Runlength Animated Hotspots add motion to your selection buttons with Run-length Animated Hotspots. When the user passes the cursor over a hotspot, the button becomes to life when tails wag, rabbits hop or barn doors open as a child explores the screen by moving the cursor.

Product Packing

- Software
- Runlength package
- Documentation
- Runlength package manual



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Type number 22SW 1615/20

12NC 8622 3456 1521

Product name Talking Menu Plug-in for MediaMogul

Product description **Talking Menu** attaches sound files to hotspots on a menu. Soundmaps are held in RAM so that when a cursor moves into a hotspot, the associated sound plays. Get user-friendly with kids too young to read, or make a zoo come alive with animal noises that are activated as the cursor moves over the animal's picture. You can also combine sounds with transparent hotspots, which reveal a hidden image when activated.

Product Packing Software
- Talking Menu (1 floppy disk)
Documentation
- Talking Menu Manual



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Type number 22SW 1619/20

12NC 8622 3456 1921

Product name Horizontal Image Scrolling Plug-in for MediaMogul

Product description **Horizontal Image Scroller** gives you the ability to define a scrolling image, wider than your display screen, that can be used as a menu or for other types of user selections. Your scrolling image is displayed behind a "window" that opens on a foreground image. The scrolling image can contain multiple hotspots, including two of your own design for control of scrolling. As an example, you can load a panoramic image of a town from the western boundaries to the eastern boundaries, with branching hotspots in different parts of the town for "touring". The hotspots will scroll with the image. If you like, you also can display a scroll bar on the screen to show the relative location of the displayed part of your image.

Product Packing

Software

- Horizontal Image Scrolling (1 floppy disk)

Documentation

- Horizontal Image Scrolling Manual



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Typenumber 22SW 1648/12

12NC 8622 3456 4812

Product name Media Stockroom

Product description Media Stockroom is a package of integrated tools running under Microsoft Windows to manage an inventory of audio and video assets including the different conversion types for audio and video assets. Media Stockroom allows the user to retrieve assets from any compatible source for use in a specific application. Every asset is assigned a data sheet that is placed in the data base. These datasheets display technical data for each asset and record any changes to the asset since its placement in the database. The datasheets also display a miniature, stamp-size image of the asset for easy identification.

Once the database has been created, the user-friendly interface allows the user to browse and manipulate the contents. Every time an asset is modified in the database, Media Stockroom automatically creates a new datasheet for the modified asset.

Media Stockroom supports search functions for easy retrieval of the assets in the database.

The searches can be based on several variables, including filename, format, creation date, project, etc.

Media Stockroom's Audio operations are a set of programs to produce the audio portions of CD-I applications.

Media Stockroom's Video operations make it possible to convert assets using a variety of coding formats.

Product Packing

Software:

- Media Stockroom (2 floppy discs) and a hardware key

Documentation

- Media Stockroom user manual.

System Requirements

- PC 386, 486 or compatible
- Windows 3.0 or higher
- 4Mb memory (minimum) (8Mb recommended)
- SVGA colour monitor
- SCSI Hard disk, size depending on the size of the database

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Typenumber	22SW 1633/20
12 NC	8622 3456 3321
Product name	Balboa for SUN SPARC, SITE LICENSE
Product description	<p>The Balboa run-time system is a development environment for Compact Disk Interactive programs to be used in conjunction with the "C" programming language.</p> <p>Balboa is organised into a group of managers; each of which consists of a collection of functions. A CDI-title can use a Balboa manager to handle a given CDI element, such as a video display, animation, sound cursor control timers and so forth. In this way development time will be cut.</p> <p>The Balboa runtime environment is fully documented in the following volumes.</p> <ul style="list-style-type: none">- Balboa Programmers guide- Balboa Reference guide <p>Programmers guide</p> <p>This guide provides an overview of Balboa and a detailed description of the architecture and usage of each of the Balboa managers. The guide also has a chapter describing error messages and a number of appendices of related information.</p> <p><u>Reference guide</u></p> <p>This reference guide provides a description for each function in the Balboa library. Functions are listed in alphabetical order by prefix.</p> <p>Software</p> <ul style="list-style-type: none">- Balboa libraries <p>Documentation</p> <ul style="list-style-type: none">- Programmer's guide- Reference guide

volume I and II
volume I and II

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Typenumber	22SW 1632/13
12 NC	8622 3456 3213
Product name	Unibridge for SUN SPARC ADDITIONAL NODE (only available as addition to existing Unibridge system)
Product description	<p>Unibridge is the complete communication and development package for distributed programming and supervisory control of 68.000 family based realtime applicatoins.</p> <p>Unibridge contains</p> <ul style="list-style-type: none">- Unibridge Ultra C- Unibridge Resident Utilities- OS9 Ethernet Support package- OS9 resident System State Debugger
Product Packing	<p>Software</p> <ul style="list-style-type: none">- Unibridge <p>Documentation.</p> <ul style="list-style-type: none">- Unibridge manuals



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Typenumber	22SW 1669/21
12NC	8622 3456 6921
Product Name	Disc Build / Emulate for SUN 4
Product Description	<p>Disc Build / Emulate consists of three discbuilding utilities for premastering and editing a disc image for CD-I, CD-I Ready, CD-ROM XA or CD-DA formats. The three utilities include a disc building utility, called "master", a realtime file building utility called "Green" and an editing utility called "CD edit". The premastering process can be performed by Master alone or real time files produced by "Green" can be input as sources to "Master".</p> <p>The CDEdit utility is used to edit the disc image after it has been built.</p>
Product Packing	<p>Software</p> <ul style="list-style-type: none">- DiscBuild/Emulate (Exabyte tape) <p>Documentation</p> <ul style="list-style-type: none">- DiscBuild/Emulate manual

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Typenumber 22SW 1677/11

12 NC 8622 3456 7711

Product name CD-Recording for CDD-521 for SUN

Product description The CD-Recording Software for the Philips CDD-521 extends the functionality of the CDI-Emulator by allowing the user to connect the emulator directly to the Philips CDD-521 Compact Disc Recorder. Through this connection disc image data stored on the emulator hard disc can be transferred to the CDD/521 to produce a WORM compact disc. The disc image can be either a CDI, CD-DA or a CD-ROMXA (mode 2) disc image.

The Recording Software runs on a Sun-4 Workstation. The package includes the program for recording the compact disc, plus the utilities and drivers required to operate the Philips CDD-521. It also includes the emutool interface, which allows you to run emulation or record a compact disc from a SunView window.

A CDI optical disc is also included with the Recording Software. This disc contains procedures for re-configuring your emulator to use with the Recording Software.

Product Packing

Software

- CD Recording Software for Sun (Exabyte tape),
- Emulator Boot Diskette

Documentation

- CD Recording documentation, revision B.

System requirements Emulator

Note

The file system of the emulator SCSI hard disc drive must have been installed with the -do option on the "newfs" command line. If this option was not used the fragmentation added by the SUN File System will cause recording failure (see Sun documentation on the newfs command). Philips CDD-521 Compact Disc Recorder with Version 1.0 firmware or later.

Connection cables (to be ordered separately with the CDD 521)

Note

This product is only required for usage with the "OLD" Emulator!

4.3.008.1



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Type number	CDI605/20
12NC	9022 6260 5209
Product name	CDI605 Professional Player with Trayloader
Product description	The CDI605 Professional player supports not only base case functionality but also application building by using 4Mb additional memory (adjustable in 0.5Mb steps) and application verification by means of the emulation functionality. The system supports a SCSI interface, thin wire ethernet, parallel printerport and 4 serial ports. It has RGB, Y/C and CVBS out next to stereo audio. The resident "user shell" offers point and click selection of the different functions. For a detailed description see commercial leaflet.
Product Packing	<div>Hardware</div> <ul style="list-style-type: none">- CDI605- Power cord- Mouse- Audio cable- Video cable Dsub9 - Dsub9- Video cable Dsub9 - Scart <div>Documentation</div> <ul style="list-style-type: none">- CDI605 technical Manual



Interactive Media Systems



Type number CDD521/10

12NC 9022 6252 1101

Product name CDD521/10 Desk-top CD Recorder

Product description The CDD521/10 recorder is the ideal means to publish large amounts of information in low quantity editions on CD. The CDD521 can record CD-Recordable discs in double speed in every standardized CD format including CD-ROM (XA), CD Bridge Multi-session, CD-I and CD-Audio. This is all according to the Orange Book specifications, which defines the standard for recordable CD's. For further details see commercial leaflet.

Product Packing

- Hardware
 - CDD521 Recorder
 - One CD Recordable disc
- Documentation
 - CDD521 Manual

Note If one requires a power cord (not supplied with the recorder) it has to be ordered separately indicating your local requirements (e.g. UK versus European). The power cord will be delivered free of charge.



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Type number	22ER 9424/00
12NC	9022 7294 2401
Product name	Digital Video Board for CDI605
Product description	Digital Video Board for CDI605 with mounting brackets.
Product Packing	Hardware <ul style="list-style-type: none">- Digital Video Board- Mounting brackets

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TSA product catalogue April '94



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Hardware

Type number 22ER 9450/00

12NC 9022 7294 5001

Product name Standard Emulator

Product description The 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 harddisk 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 the harddisk and sends the data to a CDI605 professional player as if it was coming from the optical disc.

The Emulator is a subsystem that connects to a number of host platforms, PC, Mac, Sun and CDI605 professional players. The Emulator duplicates the delivery characteristics of an optical disc drive and feeds that information to the CDI605. This enables the CD-I developer to preview and test the disc image before creating a WORM 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 a serial communications and a shared SCSI bus. The Emulator acts as a secondary master SCSI controller, using the SCSI connections with the host to share harddisk storage.

The Emulator comes in a housing of w x d x h, 25 x 28 x 9cm with a 24MHz 68340 CPU, 2Mb of RAM (expandable) and 256K ROM.

Product Packing

Hardware
- Emulator

Note

Cables and DiscBuild software to be selected for the appropriate platform.

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Type number	22ER 9451/00
12NC	9022 7294 5101
Product name	Emulator with CDD521 Recording option
Product description	<p>The 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 harddisk 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 the harddisk and sends the data to a CDI605 professional player as if it was coming from the optical disc.</p> <p>The Emulator is a subsystem that connects to a number of host platforms, PC, Mac, Sun and CDI605 professional players. The Emulator duplicates the delivery characteristics of an optical disc drive and feeds that information to the CDI605. This enables the CD-I developer to preview and test the disc image before creating a WORM disc or sending it to a pressing plant for mass duplication.</p> <p>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.</p> <p>The Emulator connects to its host system via a serial communications and a shared SCSI bus. The Emulator acts as a secondary master SCSI controller, using the SCSI connections with the host to share harddisk storage.</p> <p>The Emulator comes in a housing of w x d x h, 25 x 28 x 9cm with a 24MHz 68340 CPU, 2Mb of RAM (expandable) and 256K ROM.</p> <p>The Emulator is equipped with an interface board and software to connect to a Philips CDD-521 Optical Disc Recorder to write WORM discs.</p>
Product Packing	<p>Hardware</p> <ul style="list-style-type: none">- Emulator- SCSI2 - SCSI2 cable (Emulator to CDD-521)
Note	Cables and DiscBuild software to be selected for the appropriate platform.

6.2.002.1



Interactive Media Systems



Hardware

Type number 22 ER 9080/00

12NC 9022 7290 8001

Product name TeleCD-i Assistant

Description The TeleCD-i Assistant allows CD-i players to connect to the telephone system in the same way that PCs use modems. Developers will need the TeleCD-i Toolkit if they want to incorporate TeleCD-i functionality in their applications.

Product packing

- Documentation
 - TeleCD-i Assistant installation instructions
- Hardware
 - TeleCD-i Assistant
 - phone cable with phone plug, country dependent



Interactive Media Systems

**Type number**

22SW 1698/00

12NC

8622 3456 9801

Product name

TeleCD-i Toolkit

Description

The TeleCD-i Toolkit is targeted to title developers who wish to use the phone system for communication purposes.

TeleCD-i functionality can be added to your application through an API of C calls. The C calls are delivered as a library that can be linked into your application.

The main function of the toolkit is to upload and/or download information to the CD-i player. Examples of applications are mailorder pricing update and ordering, telebanking, homeshopping.

Main benefits of the toolkit are that it handles all country dependent information transparently, uses little CPU power and memory, and is compatible with all Philips CD-i players except the obsolete 18x line. One TeleCD-i Assistant is included with the toolkit.

Product packing**Documentation**

- TeleCD-i introduction/reference manual (1)
- TeleCD-i Assistant installation instructions

Software

- One OS-9 formatted floppy with libraries and several utilities, example source code.

Hardware

- TeleCD-i Assistant
- phone cable with phone plug, country dependent

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Type number 22 SW 1699/00

12NC 8622 3456 9901

Product name TeleCD-i Demonstrator

Description The TeleCD-i Demonstrator consists of the TeleCD-i Assistant and a TeleCD-i disc that shows the functionality of the TeleCD-i concept. This pack is targeted towards the sales person who wants to demonstrate TeleCD-i to customers. Philips has set up a demonstration system that can be used for dial-in demonstration purposes.

The following features are available when using the demonstrator.

- price actualisation
- product ordering
- stock control
- client dependent pricing
- credit limitation
- client identification
- alternative product offer

Product packing

Documentation

- TeleCD-i Assistant installation instructions
- Demonstrator booklet

Software

- TeleCD-i demonstrator disc

Hardware

- TeleCD-i Assistant
- phone cable with phone plug, country dependent

