



Develop high-performance multimedia content and applications for CDs, DVDs, kiosks, and the Internet.

Macromedia® Director® MX 2004 is the proven multimedia authoring tool for professionals. Develop high-performance content and deploy it anywhere: on CDs, DVDs, intranets, kiosks, or the Internet. Whether you're creating enhanced CD/DVD-ROM content, or educational or entertainment applications, Director MX 2004 handles the widest variety of media, letting you unleash your creativity and build rich, interactive experiences that deliver measurable results. Director MX 2004 provides all the tools you need to maximize productivity, including cross-platform publishing and a choice of scripting languages.

Powerful Multimedia Authoring

Director MX 2004 delivers the most complete set of features required by professional multimedia developers. Take advantage of the power of Director MX 2004 by combining an unparalleled list of media types with an infinitely extendible development environment to create the most compelling multimedia content.

Make content more engaging by incorporating most major media formats including DVD-Video, Windows Media™, RealMedia™, QuickTime™, and Macromedia Flash™, as well as audio, bitmap, and 3D formats.

Expand your creative possibilities with new, powerful DVD functionality, which lets you embed, control, and play back DVD-video within multimedia projects.

Extend in any direction with Director's powerful Xtras plug-in architecture. Xtras let you extend the authoring environment and playback engine in nearly limitless ways. Use third-party Xtras or write your own to control external devices, such as joysticks and cameras, and perform sophisticated operating system-level tasks.

Integrated and Streamlined

Director MX 2004 is tightly integrated with the tools that professional multimedia developers count on to quickly achieve results. Whether your project requires heavy integration with Macromedia server technology or modest changes to Macromedia Flash™ content, Director MX 2004 provides the right tools to help streamline your workflow.

Work seamlessly with the Macromedia MX 2004 family of products to create dynamic and interactive content. Import Macromedia Flash MX 2004 files and easily edit their content within Director MX 2004 by using Macromedia Flash Launch and Edit.

Enhance overall performance with significantly improved Macromedia Flash playback performance within Director.

Reduce scripting time with function-rich, pre-packaged Macromedia Flash MX 2004 components, including user interface and media components.

Work intuitively with the familiar Macromedia user interface and highly customizable workspace. Create the most effective environment through Stage and Movie-In-A-Window docking and by modifying your tool palette.

Productive and Efficient

Increase productivity with the many workflow improvements in Director MX 2004, which are designed to help you finish projects in less time. Implement creative ideas more easily and efficiently by using a choice of scripting languages and other productivity enhancements.

Create sophisticated interactivity efficiently with popular JavaScript™ syntax, familiar Lingo™ scripting, or a combination of the two, to develop experiences that deliver results.

Easily publish content across platforms and to different formats, including Macintosh and Windows projectors, in one simple step.

Save production time by assigning names to sprites and channels to easily track, sort, and change their locations. Move sprites and channels within the score without rewriting code, reducing scripting and editing time.

Find answers quickly with the comprehensive and intuitive reference panel. Get all the information you need, including Lingo and JavaScript syntax reference guides, in one convenient place.

Comprehensive Media Support

Complete DVD-Video Support: Easily integrate this popular interactive video format into Director projects. Embed, control, and play back DVD movies with other media types to create powerful interactive experiences. Publish cross-platform Director projects as standalone applications or web-based Shockwave content.

Windows Media Support: Use the popular Windows Media Format, including Windows Media Audio and Windows Media Video, within Director projects intended for Windows clients.

RealMedia Support: Integrate RealMedia files, including RealVideo and RealAudio, in Mac and Windows Director projects.

Interactive 3D effects: Create spectacular, fast-loading effects such as smoke or rain. Add real-time interactive physics effects with the Havok Rigid Body Dynamics Xtra for unprecedented realistic motion and interactions.

Unlimited Reach

Accessible Authoring: Create accessible content for the web, desktop applications, and CD/DVD. Develop self-voicing applications with captioning and customizable tab navigation. View accessible content created with Director MX on both Mac and Windows without dedicated screen readers.

Xtra Extensions: Expand Director MX functionality with Macromedia Open Architecture (MOA). As part of the Director MX extensible plug-in architecture, Xtras let you add an unlimited array of custom features and functionality, such as joysticks and other input/output devices, to your projects.

Tight integration with Macromedia MX products

Improved Macromedia Flash Performance: Add Macromedia Flash content to Director projects and experience performance gains of 15-70% over Macromedia Flash performance in previous Director releases.

Macromedia Flash Component Support: Reduce coding and add sophisticated interactivity by using pre-built Macromedia Flash components within Director projects. Drop components such as calendars and user interface elements into projects to slash development time.

Macromedia Server Support: Use Macromedia server technologies with Director MX 2004. Create multi-user games, distance learning applications, and real-time collaboration with the Macromedia Flash MX Communication Server. Pass data to Macromedia ColdFusion MX and back with Macromedia Flash MX Remoting to create a secure, high-performance connection between ColdFusion MX and Shockwave Player.

Integrated Launch and Edit: Works seamlessly with Macromedia Flash and Fireworks. In Director, double-click the Macromedia Flash or Fireworks content that you want to edit to launch its respective application. After you edit the file, the changes are automatically saved and re-imported into the Director project. This roundtrip editing significantly streamlines your workflow.

Streamlined Development

Updated MX User Interface: Work more effectively with other Macromedia MX 2004 products thanks to the enhanced user interface.

Sprite and Channel Naming: Assign custom names to sprites and easily manipulate them without altering existing code. Drag sprites to new channels without modifying code.

Stage Docking: Improve productivity and reduce window clutter by docking the Stage.

MIAW Docking: Enhance your workflow by docking Movie in a Window (MIAW) tools with other palettes and tools.

Ease of Use

Start Page: A new Start page appears when no document is open, giving you quick access to recently used files, help, and tutorials.

Integrated Reference Panel: Find reference material quickly. The reference panel, which includes new JavaScript syntax scripting, can be docked with other tool palettes. New features let you look up scripting references and automatically insert the new code into your project.

Additional Panel Sets: Use the panel set that suits you best. New panel sets are tailored to meet the workflows of several types of users, such as designers and developers. Additional sets are optimized for various monitor resolutions.

Powerful scripting tools

JavaScript Syntax: Quickly add sophisticated interactivity to projects by using fully supported ECMAScript-compliant JavaScript syntax. Now, web developers can easily leverage their existing knowledge to achieve immediate results. Collaborate with experienced JavaScript coders, and seamlessly use both scripting languages in the same project to reduce development time.

Lingo: Create with unlimited control using Lingo, the Director MX object-oriented scripting language. Lingo lets you add powerful interactivity and data tracking, as well as script-driven 2D and 3D animations, behaviors, and effects.

Rapid Deployment

New Projector Publishing Panel: Reduce the time required to publish Director applications. This feature eliminates extraneous dialog boxes, saves projector settings on a per-project basis, and eliminates redundancies, making it easier to create Director applications.

Cross-Platform Projector Publishing: Create Director applications for both Mac and Windows with a single button click.

System Requirements

Windows®

600-MHz Intel® Pentium® II Processor
Windows 2000 or Windows XP
128 MB of free available system RAM
(256 MB recommended)
800 x 600, 8-bit (256 colors) color display
or better
200 MB of available disk space
CD-ROM drive

Macintosh®

500-Mhz Power Mac G3 Processor
Mac OS X 10.2.8 or higher
128 MB of free available system RAM
(256 MB recommended)
800 x 600, 8-bit (256 colors) color display
or better
100 MB of available disk space
CD-ROM drive

For examples of projects created with Director, visit the online gallery at

www.macromedia.com/showcase

To purchase in the United States or Canada, visit www.macromedia.com/store or call 800-457-1774.

Outside the U.S. and Canada, visit www.macromedia.com/intl to find the Macromedia office or authorized distributor nearest you.

This product must be activated over the Internet or telephone prior to use. Microsoft® Windows® 98 SE users must have Microsoft® Internet Explorer 5.1 or later in order to activate over the Internet. Complete product system requirements and recommendations are available at www.macromedia.com/go/sysreqs

