

## The Great Museums of Europe

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Made with MacroMedia

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### Notes from MacroMedia for Use of "The Great Museums of Europe" application:

Application require at least 4Mb of real memory and at least a 2Mb swap file. A larger swap file will improve application performance.

### Video Cards

The application was developed using Macromedia Director.

Director requires video software drivers and hardware that fully support Windows 3.1 standards. The list below show video systems that have been tested and found to be compatible with Director authoring and playback. Installing the latest available video ROM and software is generally recommended. Contact the video card manufacturer for information.

The following video cards have been tested and give good results for MacroMedia applications:

Video card	Bus Type	DRIVER		Notes
		Date	Rev	
Actix ProStar VL	VLB	8/18/93	1.42	Note 1
ATI Graphics Ultra	ISA	3/19/93	2.3	
ATI Graphics Ultra Plus	ISA	4/25/94	2.3	
ATI Graphics Ultra Pro	VLB	4/25/94	2.3	
ATI Graphics Ultra Pro	ISA	4/25/94	2.3	
ATI Graphics Wonder	VLB	3/19/93	2.3	
ATI Graphics Xpression	VLB	6/13/94	1.1	Note 2
Blackship Color DesignerA3	VLB	7/8/93	1.32	
Compaq QVision 1024/I	ISA	1/18/94	7.40	
Diamond Speed Star Pro	ISA	2/17/94	1.08	
Diamond Speed Star VGA ISA	4/14/92			
Diamond Stealth 24	VLB	6/3/94	3.00	
Diamond Stealth Pro	VLB	10/6/93		
Diamond Viper	PCI	9/27/93	3.01	Recommended
Diamond Viper	VLB	9/17/93	2.01	
ELSA Winner2000 Pro	PCI	6/23/94	1.22	
Genoa Windows VGA 24	VLB	8/8/93	1.7	
Headland Video 7 RAM II VGA	ISA	5/15/92	3.10	
Hercules Graphite Pro	VLB	12/29/93	2.21	Note 3
Hercules Dynamite Pro	ISA	12/1/93	2.10	Note 4
Hercules Dynamite Pro	VLB	12/1/93	3.00	

Hercules Graphite Power	ISA	4/6/94	2.10	
IBM XGA Display	MCA	11/12/93	2.11	Note 5
IBM XGA-2	MCA	11/12/93	2.11	Note 6
Matrox MGA Power Graphics	PCI	3/28/93	1.42	
Media Vision ProGraphics 1280	VLB	9/15/93	1.01	
Media Vision ProGraphics 1024	VLB	4/15/94	1.5	
Mitac MVA-CL5428-1MBVLB	3/15/94	V1.43		
Number Nine 9GXE Level 10	ISA	2/9/94	V3.11	Note 7
Number Nine 9GXE Level 11	VLB	2/9/94	3.10.061	Notes 7, 8
Number Nine 9GXE Level 14	VLB	4/7/94	3.15	Note 7
Number Nine 9GXE64	VLB	6/22/94	1.19.04	Recommended
Number Nine 9GXE64	PCI	6/22/94	1.19.04	Recommended
Orchid Celsius	VLB	10/1/93	1.32	Recommended
Orchid Fahrenheit 1280	ISA	8/10/92	3.0	
Orchid Fahrenheit 1280 Plus	VLB	3/1/94	rel 7	Note 9
Orchid Fahrenheit VA	VLB	4/29/93	5.01	
Orchid Kelvin 64	PCI	3/14/94	1.1	
Orchid Kelvin 64	VLB	2/23/94	1.21	
Orchid ProDesigner IIS	ISA	3/1/92	2.0	
Paradise WD90c33	VLB	6/28/93	1.2	
RasterOps PaintBoard PC	ISA	3/25/93	3.10	Note 3
Spider Black Widow	VLB	1/20/94		Recommended
Standard 1Mb-24X	ISA	3/19/93	1.30	
STB Horizon VL Pro	VLB	6/29/93	1.3	
STB Lightspeed	PCI	12/1/93	1.1	
STB Pegasus	VLB	11/29/93	1.3	
Trident 8900C	ISA	9/23/92	3.10	
Trident 9000C	ISA	7/8/93	VC4.5(WC1.6)	Note 3
TrueVision Bravado 8	ISA	1/15/92		

Note 1: Driver version 1.53 sometimes hangs when playing certain Director transitions. Driver version 1.42 is recommended.

Note 2: Set DeviceBitmaps=OFF in the Windows SYSTEM.INI file [MACH] section after card software installation if using this driver version.

Note 3: Use in 256 color mode only.

Note 4: Does not always properly display QuickTime digital video in 16 bit (thousands) and 24 bit (millions) color modes

Note 5: Does not draw extremely wide arcs properly.

Note 6: This card does not draw extremely wide arcs properly.

Note 7: There is sometimes sound break-up or distortion during complex transitions using most sound cards.

Note 8: The cursor sometimes disappears when using a large virtual desktop.

Note 9: Video snow appears during some palette transitions

## Sound Cards

Plleasing sound effects and sound start-up response time depends on the capabilities of the card and the performance of the system. The following sound cards have been tested and are compatible with Director:

Sound Card	Notes and comments
Compaq Business Audio	
Creative Labs SoundBlaster	
Creative Labs SoundBlaster Pro	
Creative Labs SoundBlaster 16	
Creative Labs SoundBlaster AWE32	
Gateway 2000	

IBM M-Audio

Driver version 1.3 - Note 1

MediaVision ProAudio Spectrum

MediaVision ProAudio Spectrum 16

MediaVision ProAudio Spectrum 16 Pro

MicroSoft SoundSystem Version 1

MicroSoft SoundSystem Version 2

Orchid SoundWave 32

Reveal Forte 16

Roland Rap-10

Note 1: IBM computers that have the M-Audio sound card should use driver version 1.3 or higher for best results. Older versions of this driver don't play some sounds in Director or AVI movies. The version 1.3 driver does not pass the 16-bit sounds test for Director. Testing revealed that 8 bit sounds are corrupted when played after a 16-bit sound. At the time these release notes were written, version 1.3 (dated 1/10/94) was the most recent driver available from IBM.

### **Operating Systems**

Director for Windows has been extensively tested on Windows 3.1 and Windows 3.1.1.