Gus Goes to CyberTown

Welcome to Gus Goes to CyberTown!

French, English, German - Macintosh/Windows

Thank you for buying a Modern Media Ventures product. Please read all of this file as it contains important information about using Gus Goes to CyberTown!

OTHER MODERN MEDIA VENTURES PRODUCTS INCLUDE:

GUS AND THE CYBERBUDS SING, PLAY AND PAINT-A-LONG
(Sept 1994)

In Sing, Play and Paint-A-Long kids enter an environment that allows them to sing-a-long to a mix of all-time favorite and original songs while creating scenes to accompany the songs lyrics. This product provides children with a new media alternative to creative expression and even gives them the capability to edit songs to create their own original arrangements. In addition, Gus and the CyberBuds Sing, Play and Paint-A-Long (provides written and verbal instructions as well as interface controls in a choice of languages (English, French, German, Spanish and Japanese.)

GUS GOES TO CYBEROPOLIS
(Oct 1994)

Gus Goes to Cyberopolis is the second release in Modern Media Ventures Gus and the CyberBuds Learning Adventure Series. In this product (recommended for ages 3 and up), users are encouraged to explore the interactive environment of Cyberopolis with Gus, the program's four-legged guide, in search of the CyberBuds, hidden characters that supply facts when users discover them throughout the program. Nine early learning activities can be accessed within the program's six different environments. These activities concentrate on the following skills: vocabulary and language development, letter writing and stationary design, dictionary usage, animal and continent association, memory development, scientific experimentation and observation, object matching, and pre-math. This product includes over 100 randomly animated hot spots, playful sound effects, QuickTime video, songs by folk singer David Maloney and much more.

GUS GOES TO THE CARNIVAL
(Coming in early 1995!)

GUS GOES TO THE MUSEUM
(Coming in early 1995!)

IMPORTANT TECHNICAL NOTES ABOUT CYBERTOWN:

Please make sure that you are not running any other software when using CyberTown as this may cause decreased performance. If performance of the CD-ROM seems slow, you may want to enable Virtual Memory using the 386 Enhanced control panel available from the Main program group in the Program Manager. If you choose to enable Virtual Memory, we suggest that you use the Permanent Type setting for best performance.

If you experience strange display or audio problems we suggest that you contact the manufacturer of your video or audio card and obtain the latest drivers for your particular card. Gus Goes to CyberTown uses the latest in computer software technology and requires current,

state-of-the-art software drivers to run properly. Also, make sure that your video driver is set to display at 640x480 resolution in 256 colors. Other display drivers settings may impact the successful use of CyberTown.

You can improve performance of Gus Goes to CyberTown by enabling the faster speed settings on your double-, triple-, or quad-speed CD-ROM drive.

ADDITIONAL INFORMATION:

If you have more questions regarding this product, you may contact us at:

Modern Media Ventures, Inc.
300 Brannan Street, Suite 302
San Francisco, California 94107
U.S.A.
Tel: +1 (415) 546-1515
Fax: +1 (415) 546-1590

ADDITIONAL QUICKTIME FOR WINDOWS TECHNICAL INFORMATION:

Prior to installing any of the QuickTime for Windows software, you should confirm that your system meets the following standards:

1. Minimum Hardware Requirements:

- A personal computer with an 80386DX or faster CPU.
- A CPU speed of 33 MHz or higher.
- 8 megabytes of conventional and extended memory.
- A CD-ROM drive supported by Microsoft Windows (access time less than 350ms, and sustained transfer rate of at least 300K per second)
- A hard disk with at least 2 megabytes free for the basic QuickTime for Windows software.
- Mouse (or other pointing device) supported by Microsoft Windows.
- A ".WAV" compatible sound card supported by Microsoft Windows.

PC AUDIO CARD COMPATIBILITY

The following chart summarizes the audio hardware products that were tested with QuickTime for Windows 1.1. Most compatibility issues are based on driver versions. With some boards, more than 1 driver was tested. In most cases, the latest available driver was tested. THE DRIVER TESTED MAY NOT BE THE SAME VERSION AS THAT WHICH CAME WITH THE AUDIO CARD. Contact the vendor for the latest driver version. Known bugs are included.

The information is provided in the following format and is delimited by tabs:

Manufacturer	Model	Bit Depth	Stereo	Driver	Version
Creative Labs	SoundBlaster Pro	8	yes	SBPSND.DRV	5/15/92 11:12

This driver has a known problem that affects both QuickTime for Windows and Microsoft Video for Windows. When sound samples less than 2k are played, the card may play 1/4 second of sound repeatedly for about 5 seconds. This can be triggered by any QuickTime movie, or simulated by clicking to and from two playing Movies in the Movie Player.

Creative Labs	SoundBlaster Pro	8	yes	SBPSND.DRV	2/5/93

Audio sticks because of a driver problem.

Creative Labs	SoundBlaster Pro/16	16	yes	SB16SND.DRV	12/11/92 11:08

Creative Labs	Sound Blaster 2.0	2/16/93

Audio sticks because of a driver problem. Problems with sound in loop appears only in the driver which currently ships with the board. Previous and subsequent driver releases do not exhibit the problem.

Creative Labs	ThunderBoard	8	no	SNDBLST2.DRV	3/10/92 3.1
Creative Labs	ThunderBoard	8	no	SNDBLST2.DRV	5/13/92

MediaVision	ProAudio Spectrum	8	yes	MVPROAUD.DRV	2/3/93 1.3

Earlier versions of this driver cause sound to be repeated at random.

MediaVision	ProAudio Spectrum Plus	16	yes	MVPROAUD.DRV	2/3/93 1.3

Make the following modifications to the QTW.INI file. See the end of this document for instructions:

[Sound]
RequestedRate=22095
ActualRate=22536

MediaVision	ProAudio Spectrum Plus	16	yes	MVPROAUD.DRV	5/15/92

MediaVision	ProAudio Spectrum 16	16	yes	MVPROAUD.DRV	2/3/93 1.3

MediaVision	Thunder and Lightning	8	Stereo 22 Mono 44	TLWAVE.DRV	8/25/92

Make the following modifications to the QTW.INI file. See the end of this document for instructions:

[Sound]
RequestedRate=22222

MediaVision	AudioPort	8	no	MVAPORT	4/14/92 15:10

Does not support sound sampled a t above 11Kz.
Make the following modifications to the QTW.INI file. See the end of this document for instructions:

[Sound}
RequestedRate = 11025
ActualRate=11025

MediaVision	CDPC

Microsoft	Microsoft Sound System	16	yes	SNDSYS.DRV	9/21/92 1.0

Cardinal Technologies	Sound Studio, Sound Vision	16	yes	TAPIGSS1.DRV	12/28/92

Orchid	Sound Producer Pro	8	yes	PRODUCER.DRV	1/13/93
Orchid	Sound Producer Pro	8	yes	PRODUCER.DRV	10/1/92

Turtle Beach.	MultiSound	16	yes	MULTISND.DRV	8/27/92 1.1

ATI	Stereo F/X.	8	yes	SFX.DRV	5/4/92

IBM	M/Audio	16	yes	ACPA.DRV	10/29/92 11:38

Adjusting the volume from the Movie Controller may cause the volume to be muted. To restore the volume, stop and restart the movie."
Sound may skip when resizing window.
Sound is played at 44khz by doubling the samples.

IBM	M/Audio	16	yes	ACPA.DRV	8/28/92

Limited volume control from keyboard.

NOTE:
The AdLib Gold Card audio system is not supported in QuickTime for Windows 1.1.

PC VIDEO CARD COMPATIBILITY

The following chart summarizes the video display cards that were tested with QuickTime for Windows 1.1. Most compatibility issues are based on driver versions. With some boards, more than 1 driver was tested. In most cases the latest available driver was tested. THE DRIVER TESTED OR SUPPORTED MAY NOT BE THE SAME VERSION AS THAT WHICH CAME WITH THE VIDEO CARD. Contact the vendor for the latest driver version. Known bugs are included. For Pixel Depth : 8 bits = 256 colors, 15 bits = 32,768, 16 bits = 65, 536 and 24 bits is 16 million colors.

If your video card is not listed below and you are having SEVERE compatibility problems, you may consider modifying the QTW.INI file. Change the [Video] setting to Optimize = Driver. This may resolve severe compatibility problems with a specific video card but will also reduce the performance of Movie playback. See **MODIFYING QTW.INI FOR COMPATIBILITY**.

The information is provided in the following format and is delimited by tabs:

Adapter	Video Chip	Driver	Driver Version	Bit Depth	Res.	Optimized?
--------Standard VGA	Windows EGA	Win 3.1		4	640 x 350	No
Compatability tests only have been performed. That is, we ensure we dont GP fault. Otherwise, EGA playback is not supported, primarily because its pixels are not square, and QuickTime for Windows does not compensate for this.						
Standard VGA	Windows VGA	Win 3.1		4	640 x 480	No
IBM 8514\a	Windows	3/10/92	3.1	8	1024 x 768	No
We do not optimize any devices that use an 8514 co-processor. They do NOT allow direct pixel writes.						
IBM XGA	OEM	7/27/92	2.01	8	640x480	Yes
Only XGA20 supports 16-bit color. Do NOT use the drivers supplied with Windows 3.1. Instead, use the drivers supplied by IBM.						
IBM XGA	OEM	7/27/92	2.01	16	1024x768	Yes
(see above)						
IBM XGA2	OEM		7/27/92	8	640x480	
IBM XGA2	OEM		7/27/92	16	640x480	
IBM XGA2	OEM		7/27/92	8	800x600	
IBM XGA2	OEM		7/27/92	16	800x600	
ATI VGA XL	68800	Windows	4/9/92	4	800 x 600	Yes
ATI VGA XL	68800	OEM	4/10/92	8	1024 x 768	Yes
ATI VGA XL	68800	OEM	4/20/92	16	800 x 600	Yes
(see above)						
ATI VGA XL	68800	OEM	8/14/92 1.42	16	640x480	No
ATI Graphics/Pro	68800	OEM	11/27/92	8	1024x768	No
We do not optimize any devices that use an 8514 co-processor. They do NOT allow direct pixel writes.						
ATI Graphics/Pro	68800	OEM	11/27/92	16	640x480	No
(see above)						
ATI Mach 32	68800	OEM	1/5/93 (BLD #59)	8	640x480	Yes
ATI Mach 32	68800	OEM	1/5/93 (BLD #59)	16	1024x768	Yes
(see above)						
Orchid IIs	Western Digital OEM	3/1/92 3.1		8	800 x 600	Yes
This card (and other ET4000-based cards) has consistently proved very reliable.						
Orchid IIs	Western Digital	OEM	3/1/92 3.1	16	800 x 600	Yes
(see above)						
Orchid Fahrenheit VA	S3	OEM	2/19/93 10:00	8	640x480	Yes
Orchid Fahrenheit VA	S3	OEM	2/19/93 10:00	16	1024x768	Yes
Earlier versions of this driver will lock the system when a copy to the clipboard is attempted from the Movie Player or Picture Viewer in 800x600x16 mode.						
Orchid Fahrenheit VA	S3	OEM	2/19/93 10:00	24	640x480	Yes
Orchird VLB (Local Bus)	OEM	2/19/93		8	640x480	
Orchird VLB (Local Bus)	OEM	2/19/93		15	640x480	

Orchird VLB (Local Bus)		OEM	2/19/93		16	640x480		
Orchird VLB (Local Bus)		OEM	2/19/93		24	640x480		
Movies shifted to the left.								
Orchird VLB (Local Bus)		OEM	2/19/93		8	800x600		
Orchird VLB (Local Bus)		OEM	2/19/93		15	800x600		
Orchird VLB (Local Bus)		OEM	2/19/93		16	800x600		
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		8	640x480	Yes	
Color changes when running movies.								
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		16	800x600	Yes	
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		15	640x480		
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		16	640x480		
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		8	800x600		
Orchid Fahrenheit 1280		OEM	8/10/92 10:00		15	800x600		
Orchid Pro designer IIs/D 1.1			4/7/92		8	640x480		
Orchid Pro designer IIs/D 1.1			4/7/92		8	800x600		
Orchid Pro designer IIs/D 1.1			4/7/92		15	800x600		
Orchid Pro II		OEM	3/1/92		8	640x480		
Orchid Pro II		OEM	3/1/92		15	640x480		
Orchid Pro II		OEM	3/1/92		8	800x600		
Video 7		OEM	3/10/92 3.1		8	800 x 600	Yes	
Diamond Stealth	S3	OEM	9/25/92		8	640x480	Yes	
Diamond Stealth	S3	OEM	9/25/92		16	640x480	Yes	
Diamond SpeedStar 24		OEM	4/14/92		24	640x480	Yes	
This card, and other ET4000-based cards have consistently proved very reliable.								
Diamond SpeedStar 24		S3	OEM	4/14/92	8	640x480	??	
Diamond SpeedStar 24		S3	OEM	4/14/92	15	640x480		
Diamond SpeedStar 24		S3	OEM	4/14/92	8	800x600		
Diamond SpeedStar 24		S3	OEM	4/14/92	15	800x600		
Diamond SpeedStar 24x		Western Digital		OEM	4/28/92 12:08	8	1024x768	Yes
Diamond SpeedStar 24x		Western Digital		OEM	4/28/92 12:08	16	800x600	Yes
Diamond SpeedStar 24x		Western Digital		OEM	4/28/92 12:08	24	640x480	Yes
S3 Linear Address	S3	OEM	n/a		8	1024x768	Yes	
No Windows drivers are available as of April 93 that used the S3 805 in linear address mode. We do optimize, however, for the current drivers that use banked mode.								
S3 Linear Address	S3	OEM	n/a		16	800x600	Yes	
(see above)								
S3 Linear Address	S3	OEM	n/a		24	640x480	Yes	
(see above)								
Matrox 1024		OEM	8/21/92 2.07		24	1024 x 768	No	

Due to various problems, the following video card configurations are not currently supported by QuickTime for Windows.
Compaq Q-Vision

Paradise VGA 1024 in 640 x 480 at 256 colors using MMWD480.DRV (dated 9/10/91)
QuickTime locks up before the movie starts.
Contact Western Digital/Paradise at 1-800-832-4778 for support

2. Software Requirements

- Microsoft Windows 3.1

3. Installing QuickTime

Simply run the SETUP.EXE program when you are in Windows.

4. Updating Your DOS System Files

"SETUP.EXE" will add the proper path name to your "AUTOEXEC.BAT" and reboot.
A sample path name would look like this:

```
SET PATH=C:\DOS;C:\WINDOWS;C:\QTW\BIN;
```

Optimizing Quicktime for Windows

MODIFYING QTW.INI FOR COMPATIBILITY
NOTE: Modification of the QTW.INI file should be done at your own risk. Typically one does not need to make any modifications to this file. For some compatibility issues, modifying the file will make video or audio cards work properly, but with reduced performance. Be sure to make a backup of the QTW.INI file before modifying it.

The most common modification to the QTW.INI is to change the [Video] setting to Optimize = Driver. This may resolve severe compatibility problems with a specific video card but will also reduce the performance of Movie playback.

Once, again modify at your own risk.

[Video] (in order of priority)
Optimize = Hardware (default)
Driver
BMP
RAW
DIB

[Video Optimize]
This is not used

[Override] // group
DREF = no or yes {NO forces QTW to use the file as self referencing, useful for QT 1.0 files}

[Data Handler]
CDROM Xfer Rate* = [integer] ranges from 100 to 600, where number is in K, default is 328.
CDROM Seek TIme* [integer from 0 to X] where x is 100 to 350 in ms for average seek, default is 200.
CDROM Block Size = [integer, expressed in K] default is 8, range is 1 to 64.

Max Open Files =[integer] default is 64.
Max Consumers = [integer] usually same as Max Open Files. You can have multiple consumers per file.
Max Cache Size = [integer] expressed in K, default is 128, ranges from 64 to 512.

Disk Xfer Rate = [integer] same as CDROM Xfer Rate, default is 300.
Disk Seek TIme [integer] expressed in millisecon s per average seek, defgault is 35.
Disk Block Size = [integer, expressed in K] default is 16, range is 1 to 64.

Network Xfer Rate = [integer] same as CDROM Xfer Rate, defalut is 250
Network Seek TIme [integer] expressed in millisecon s per average seek, default is 40.
Network Block Size = [integer, expressed in K] default is 16, range is 1 to 64.

Floppy Xfer Rate = [integer] same as CDROM Xfer Rate, default is 18.
Floppy Seek TIme [integer] expressed in millisecon s per average seek, default is 100.
Floppy Block Size = [integer, expressed in K] default is 2, range is 1 to 64.

[Sound]
Requested Rate = [integer] ranging from 5000 to 44000 (has to be exact rate for MPC cards)
Actual Rate = same possible rates as requested

* Set dynamically by QuickTime for Windows, based on what it senses as the CD-ROM speed.

Hardware Optimization:

An accelerated graphics card will significantly boost video performance. Quicktime movies are optimized for 16-bit color so a High Color, 32K, 65K, or 16 million color graphics card is highly recommended.

Make sure your CD-ROM drive is configured properly. If your CD-ROM controller/host adapter is capable of DMA transfer, always use the DMA option. Sample "CONFIG.SYS" for Mitsumi CD-ROM drive:

```
device = mtmcde.sys /d:mscd001 /m:32 /i:10 /t:5
```

Software configuration:

"SETUP.EXE" should have changed your "AUTOEXEC.BAT" to show a path declaration to include the new QuickTime driver software. (Sample)

```
SET PATH=C:\DOS;C:\WINDOWS;[path]:\qtw\bin
```

To optimize playback on your machine, read the QTW.INI file inside your \WINDOWS directory for more instructions.

For optimal performance, use Microsoft CD-ROM driver 2.0 or higher. Edit your "AUTOEXEC.BAT" file to allocate at least 30K drive buffer. Example :

```
MSCDEX /d:mscd001 /m:30
```

If you use Windows For Workgroup, the installation process will append a "/s" switch to MSCDEX.EXE. This will cause problem with the viewer program. Please remove the switch with a text editor and restart the computer.
For more detailed instructions on CD-ROM driver software, please consult your CD-ROM owner's manuals.

If you have more questions regarding this product, you may contact us at:

Modern Media Ventures, Inc.
1317 Hyde Street, Suite 4
San Francisco, California 94109
U.S.A.
Tel: (415) 928-7316
Fax: (415) 928-7564

COPYRIGHT NOTICES