

Mordor Installation, Setup & Troubleshooting

Installation

Mordor was built to run with, and must be installed from a Microsoft Windows (or 100% compatible) Operating System. To do this, select **File, Run...** from the Program Manager and enter the drive followed by **SETUP.EXE** (e.g. 'D:\SETUP.EXE').

The Setup program will ask where you wish to Install Mordor. After this, you will be asked which files you wish to install. If you do NOT have a sound card, be sure to uncheck the MIDI & WAVE selections. Once the files have been copied from the disks, you will be prompted with questions regarding your Sound System. If you have a Sound Blaster compatible card installed on your system, be sure to answer the questions properly. If you have a Sound Canvas (or other Digital MIDI supported sound card, including Sound Blaster with WAVEBlaster Daughterboard), be sure to answer YES to Sound Canvas Compatibility.

Once the installation program has finished, the text information file for the current version of Mordor will be displayed. This file will contain general information, including updates, changes and fixes. After you've read this, double-click on the Mordor Icon in the new Mordor program group and the game will begin!

MORDOR SETUP WILL ONLY OVERWRITE OLDER .VBX OR .DLL FILES, IF IT FINDS DUPLICATES. MORE RECENT FILES WILL NOT BE OVERWRITTEN.

Windows MIDI Mapper, an Overview

Mordor comes with a rich MIDI (Musical Instrument Digital Interface) Musical score. However, some systems may require the modification of the computers MIDI setup before the music for Mordor will play properly.

To understand how the MIDI Mapper works, one must understand how MIDI data is transferred from one place to another. This information will help in troubleshooting problems such as no sound from your sound card.

MIDI data is carried on 16 discreet channels. MIDI used in computer applications usually uses channels 1-9 and 11-16 for melodic instruments, like flute, piano, etc. Channel 10 is usually reserved for percussion instruments, i.e. drums, cymbals, etc. Windows' MIDI Mapper divides the channels into two setups, Extended and Basic.

An Extended Setup uses MIDI channels 2-9 for melodic instruments and channel 10 for percussion. A Basic Setup uses channels 13-15 for melodic instruments and channel 16 for percussion. Both setups use only the channels mentioned and will not transfer data on any other channels. The MIDI data in Mordor has been authored for Extended Setups only. A troubleshooting chart is included here for help in getting Mordor to use your sound card.

Before attempting to make changes to your MIDI Mapper, please read and understand the information in your Windows documentation regarding MIDI and the MIDI Mapper. It is highly recommended that copies of all files in your Windows directories, including SYSTEM.INI and WIN.INI files be made on a blank floppy disc. These files can be copied back to their original directories should changing your MIDI Mapper cause problems.

If you have any problems with hearing the MIDI music, or it doesn't sound right, please see the following troubleshooting section.

Troubleshooting

Other Desktop Managers

As with most other windows applications, Mordor is only guaranteed to run correctly with the Program Manager that comes with Windows. If you encounter problems with any other program manager or Desktop, it's recommended that you switch back to the Windows program manager. Support for Mordor only covers it running under Windows Program Manager.

Windows NT or Windows 95

If you are using Windows NT or Windows 95, it's recommended that you do the following:

1. Run Mordor in a Separate VDM
2. Turn off the Full Drag feature (Windows NT only)

Microsoft Office

There are known problems with the Microsoft Office toolbar running in the background and interfering with other applications. It's recommended that if you have the toolbar loaded, you unload it before playing Mordor. This may solve many problems, including GPFs.

Display problems

Problem

Black/Blank Graphics

Solutions

1. You need the latest drivers for your video card
2. Turn on the No StretchBlit option in the Game Options window from the Main Menu

GPFs

If you encounter a GPF while booting up the program, there's a good chance that it's related to the Sound setup or the Video Driver.

WinOS/2 or another Operating Systems

Mordor was written to be compatible with Microsoft Windows 3.1, 3.11, Windows NT 3.x and Win95. If you are attempting to use Mordor under any other Operating System, we cannot guarantee functionality and will not be able to give Technical Support for such problems.

Optimization

It's highly recommended that you have a substantial sized Disk Cache when playing Mordor. You can achieve this by either using SMARTDRIVE (which comes with MS-DOS), or the Windows Internal Caching system, which you can set up by entering the Control Panel, clicking on System, then Virtual Memory. A minimum size of 1024 Kbytes is recommended. If your system still runs slow (or you don't have a disk cache), you will probably want to turn off the Autosave feature of the game (located in the Options Control Panel).

FOR MORE CURRENT INFORMATION, SEE THE TROUBLESHOOTING SECTION OF THE MORDOR HELPLESSON!

MIDI/Sound Troubleshooting

Problem

No Sound

Solutions

1. Make sure your speakers or headphones are plugged in and working.
2. Make sure you have drivers for your sound card installed in Windows. If you have not done this, please refer to your Windows manual and the documentation for your sound card.
3. Your MIDI Mapper is setup for Basic, not Extended. Edit the MIDI Mapper. See below.

Problem

Beeps when WAVE files should be playing

Solutions

1. Set the ShowDevices property in the [general] section of \WINDOWS\WAVEMIX.INI to 1.
2. WAVMIX16.DLL is out of date, or was not installed properly.

Problem

The music don't sound right.

Solution

1. Make sure the sound card driver you are using is a General MIDI driver. If it is not, you will need to contact your sound card vendor or manufacturer for an updated driver. Many drivers are available on CompuServe, America on-line, and local BBS's. Drivers are device specific, which means that a driver for a Sound Blaster Pro will probably not work on any other card.
2. Your MIDI Mapper is setup for Basic, not Extended. Edit the MIDI Mapper. See below.

Problem

The volume is very low.

Solution

1. Many sound cards include software mixer applications. Find this and open it. If the volume for MIDI is low, turn it up.

Problem

Sound is distorted

Solution

1. You are probably running the speakers or sound card amplifier beyond its capacity. You might consider getting a new sound card or upgraded speakers, if your first set came with your computer. Bring up volume slowly to avoid damaging the speakers and your ears.

Editing the Windows MIDI Mapper

Do not try to edit the MIDI Mapper unless you feel completely comfortable making these changes. If you are new to Windows, please seek the assistance of someone experienced with Windows. Also, do not make changes until you have backed up the files listed in item 1.

- 1) Always make a copy of existing files. Include WIN.INI and SYSTEM.INI in the WINDOW directory. Also include MIDIMAP.CFG and MIDIMAP.DRV in the WINDOWS\SYSTEM directory.
- 2) Open Control Panel and open MIDI Mapper.
- 3) In the MIDI Mapper dialog box, "Setups" should be selected. Press "New".
- 4) Enter a Name and Description and press "OK".
- 5) All "SRC" (Source) channels should be the same as all "DEST"
- 6) (Destination) channels, i.e. SRC 1-DEST 1, SRC 2-DEST 2, etc.
- 7) The third column is "Port Name". Press the down arrow to open the menu of installed drivers.
- 8) **Select the General MIDI driver installed on your system. If you have a separate MIDI port, such as the Roland MPU-IPC, and wish to use it to drive an external device, select it.**
- 9) Repeat steps 7 and 8 for all 16 channels.
- 10) Press "OK".
- 11) When asked to save, answer "Yes".
- 12) The name of your new MIDI Map should appear in the Name box. It is now active. Press ALT and F4 to close MIDI Mapper.

CompuServe subscribers can find additional help with MIDI issues in the MIDI/Music Forum (GO MIDIFORUM). Other on-line services also offer sections for users interested in MIDI to discuss issues. Please consult your service's help section for details.