

## 1) ABOUT FM DRIVER FOR WINDOWS 3.0 VERSION 1.00

Many of you who own Adlib and SoundBlaster cards for your PC's have waited patiently for the ability to use them under Windows 3.0. The wait is over!! The enclosed programs will allow you to use the FM synthesis abilities of your sound card under Windows 3.0. You will be able to play ROL music files, edit instruments, and eventually do other neat things as software becomes available. This driver also replaces the normal boring error beep of Windows with a note from the sound card. <see section 4 for more information>

This driver has been written independently by me, Monty Schmidt. The enclosed instrument editor, INSTEDIT, was written by David Giller, the control program SOUND PANEL was written by me, and the ROL player program, PLAYER, was written by both myself and David Giller. These programs were written to support the Adlib card and also the Creative Labs SoundBlaster card in Adlib compatible mode. This was done in order to support the largest number of cards possible with Windows sound support.

## 2) INSTALLING THE DRIVER:

Copy the driver FM.DRV to the directory \WINDOWS\SYSTEM. This is the directory in which Windows 3.0 keeps the driver files needed by your system. This is assuming of course that you have installed Windows 3.0 in the directory WINDOWS. If you have used a different name then you will need to copy it into the directory SYSTEM underneath the directory in which you installed Windows.

Ok, moving on to installation of the driver, there is a file located in your Windows directory called SYSTEM.INI. This file contains information on what drivers your machine uses when running Windows 3.0. You will need to use a text editor such as SYSEDIT or NOTEPAD, or a DOS editor that does not embed any kind of formatting codes in the file to edit this file. **MAKE SURE AND MAKE A BACKUP COPY OF SYSTEM.INI BEFORE EDITING IT.** You do not want to lose this file!!! Look for a line in the file SYSTEM.INI that looks like this:

**sound.driv=sound.driv**

You need to change this line to the following line:

**sound.driv=fm.driv**

If you edit this file from inside Windows then you will need to restart Windows before you can use the new driver. <Windows loads the sound driver when it starts executing.>

The last thing needed in the installation of the driver itself is to copy the file **FM.INI** included in the package to your **WINDOWS** directory. The **FM.INI** file contains information that the driver uses to configure itself to your machine. Again this assumes that you have installed Windows 3.0 in the directory **WINDOWS**.

## 3) CREATING A MUSIC GROUP AND ADDING PROGRAMS

If you are a veteran Windows user you can skip this section. It is only here for those of you who have never created a group or set up programs under Windows.

Creating the group and program files and icons:

To create a new group for your music related programs you need to select the **File** menu under Program Manager. Select **New...** and a dialog box will appear asking if you want to create a Program Group or Program Item. Click on the box next to Program Group and then click OK. Next a dialog box asking the Description will appear. Type in Music and then click on OK. Do not worry about the Group File prompt, as Windows will create the file name for you. Ok, now that you have a new group up on the screen, again Select **New...** from the Program Managers **File** menu. This time select Program Item and click on OK. Click in the Command Line edit box. You may type in the path where you installed the FM software and name of the executable file you want to add. If you installed the FM software in the directory **D:\WINDOWS\FM** you would type in **D:\WINDOWS\FM\PLAYER.EXE**. Click on OK and the Player program will be added to your group. Repeat this for the programs INSTEDIT.EXE and SNDPANEL.EXE and you are ready to go!

#### **4) THE ERROR BEEP OF WINDOWS 3.0**

The error beep of Windows is generated by windows making a call into the current sound driver. With the FM driver loaded the error beep is redirected to your Adlib or SoundBlaster music card. This note is generated using voice 1 of the sound card and will use whatever instrument is currently set in the FM.INI file in the Windows directory. (See the SNDPANEL.WRI file for more information on the FM.INI file). Whether the beep is generated or not is still controlled by the sound portion of the Windows control panel. If any program is currently using the driver to generate music the beep of Windows will not interrupt the music.

#### **5) REGISTRATION**

We are asking that you send us \$29.00 if you like the above programs. This will allow us to continue to work on supporting the sound capabilities of the PC and various manufacturers sound cards. We will attempt to notify you when updated versions of the software are available. Please specify the type of disk you would like the programs on, 1.2M or 720K.

Please remember that we are releasing this driver and related programs as we have yet to see a decent Windows 3.0 driver for FM music generation. So the point is, if you think that these programs have some worthwhile potential and you'd like to see more from us, then send us something, anything!

Send all registration checks to :

Monty Schmidt  
1020 E. Johnson #1  
Madison, WI 53703

#### **6) Music Support BBS**

A friendly Madison Sysop, Maurice Thaler has kindly added a section on his bulletin board for SoundBlaster and Adlib software. You can find tons of software, songfiles, and also reach us there. The board is called the Power Board and the phone number is (608) 222-8842. The latest version of FM.DRV and related information will be

available on this BBS.

## **7) CONTACTING THE AUTHORS:**

All suggestions, questions, or bugs may be directed to either of the two authors at the addresses or phone numbers listed.

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YOU MAY NOT DISTRIBUTE THE DRIVER FM.DRV OR THE PROGRAM SNDPANEL.EXE WITHOUT THE EXPRESS WRITTEN PERMISSION OF MONTY SCHMIDT. YOU MAY NOT DISTRIBUTE THE PROGRAM INSTEDIT.EXE WITHOUT THE EXPRESS WRITTEN PERMISSION OF DAVID GILLER. YOU MAY NOT DISTRIBUTE THE PROGRAM PLAYER.EXE WITHOUT THE EXPRESS WRITTEN PERMISSION OF BOTH MONTY SCHMIDT AND DAVID GILLER.

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