

The Tandy Multimedia Mixer enables you to control individual volume levels for several audio devices at one time. It also lets you test input levels of analog-to-digital conversion (ADC) sound and change sound frequency. To run the mixer from Windows, follow these steps:

1. From the Main Group window, located within the Program Manager window, use the mouse to double-click on the Control Panel.
2. Double-click on the Sound Mixer icon. The Tandy Multimedia Mixer is displayed:
3. Use the up and down arrow keys to move the scroll bars.

Use the mouse or the tab keys to move from one option to another.

#### Adjusting the Volume:

The mixer enables you to control the volume of six different sound sources, using the following controls:

- MAS---The master volume control
- FM----MIDI music
- CD----CD player
- MIC---Microphone (default is 0)
- LIN---Line-In
- VOC---Voice or Waveform

Click on the Save button to store the volume settings in the SYSTEM.INI file.

Click on the Start Test button to start the input source test.

#### ADC In Test:

From the ADC In Test box, you can view a graphic representation of sound level from one of three sources. To test the sound level:

1. Select a source (CD, Mic, or Line-In) by clicking on the corresponding button.
2. Select a filter by clicking on the Low Freq or High Freq button.
3. Press the Start Test button.

When you hear a sound, a "sound" bar appears in the box beside the source box. The changes in sound level are visible from the changes in the "sound" bar.

#### Filters:

The high and low filters change the frequency of the sound to the high or low setting. Use whichever setting you prefer.

### MS-Dos Mixer Control Panel:

When running programs outside the Windows environment, use the MS-DOS mixer control program to set the volume levels for your MPC. You can set the left and right channel volume levels for the following outputs:

- Waveform (voice)
- Line Level (stereo equipment)
- FM (MIDI)
- CD audio
- MIC (microphone, right channel only)

Note: You can mix sources and control overall volume with the Mixer Control Panel. Jumper J12 is normally set to the output jack for audio equipment. For additional control over the volume, the master volume control dial, is located on the back of the audio adapter. If you have stereo equipment connected to your MPC system and line out is selected, the master volume control dial does not function. This volume control feature works the same way in MS-DOS and Windows.

Faxback Document # 2417 will provide specific information on changing jumper settings.

The SNDMIXER.EXE program is in the Windows directory.

To run the mixer control program from the Windows directory, type `sndmixer` and press <ENTER>.

The mixer control panel displays its current settings and the keyboard keys you can use to change them. When using the mixer control panel, keep the following information in mind:

- The RESET selection restores the microphone volume to minimum and the volume for other components to mid-range.
- The QUIT selection exits the program, asks whether you want to save the changes, and prompts you for a filename.
- The F2 key displays an Options Menu.
- Load TSR lets you load the mixer control panel as a terminate-and-stay-resident (TSR) program. Once the program is resident, adjust the master volume level using the up and down arrow keys.
- Unload TSR lets you remove a TSR program from memory. A few applications will not operate properly while a TSR program is loaded.
- Select Hotkey lets you specify the hotkey that activates and deactivates the mixer control panel TSR.
- Set Port Address lets you select another audio adapter port address if your system requires one. If you change the address, you might need to change a jumper on the audio adapter. If you change the port address to one other than 220, refer to Faxback Document # 2417 for hardware configuration settings.

° Quit Options Menu returns to the mixer control panel.

#### MIDI Setup:

MPC programs rely on both basic and extended MIDI applications. You can configure the MIDI driver as a basic MIDI (to support Channels 13-16), an extended MIDI (to support Channels 1-10), or a general MIDI (to support channels 1-16). the default setting, extended MIDI, should give the best sound. If you are using other programs and are not hearing any sound, you might need to change to basic MIDI. General MIDI mode is for advanced users of programs such as MIDI sequencers and is not recommended for normal use. Use the FM driver setup to change the MIDI driver.

#### FM Driver Setup:

Most programs recognize the base-level synthesizer and the extended synthesizer in the FM Driver Setup within the Windows Control Panel. However, some programs recognize only one level. To enable the audio for a program that does not recognize the extended synthesizer, follow these steps:

1. Open the control panel from the main window.
2. Double-click on the Drivers icon to open the list of audio choices.
3. Click on MIDI1.
4. Press the Setup button.
5. Click once on Base-Level Synthesizer in the FM Driver Setup.
6. From the Driver Setup, press the OK button.
7. From the Control Panel, press the OK button.
8. Go back into your CD-ROM session by clicking on the Main Menu icon from the Demo window, and restart the application.

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