

# Deluxe Music Machine Plus

## INTRODUCTION

Deluxe Music Machine Plus is a utility program to create songs and sound effects and to edit them. After your song (or sound effect) is done you can use the convert program to make the files a BASIC program.

## LOADING

To load the Deluxe Music Machine program, insert the disk and type LOADM"MUSIC":EXEC <ENTER>.

## STARTING OFF

At the title screen press any key to start. After doing so you will see the main screen.

## PRACTICE MODE

As you can see, Practice mode is highlighted. During this mode you may play notes without them being recorded on the soundtrack. This enables you to test notes before you record them. You must be in this mode in order for the following functions to work:

- |              |                           |
|--------------|---------------------------|
| 1. Save data | 4. Clear memory           |
| 2. Save song | 5. Print                  |
| 3. Load data | 6. To play back<br>a song |

## RECORD MODE

To move the indicator on the record selection, press the right arrow key. The indicator will jump to record and any note played will be recorded. Pressing the left arrow key will put you back into Practice mode. You must be in Record mode to use the following functions:

- |                 |               |             |                   |
|-----------------|---------------|-------------|-------------------|
| 1. Pause key    | 4. Edit notes | 6. Subtract | 7. Insert a note  |
| 2. Delete key   | 5. Add to     | from tempo  | (disk only!!)     |
| 3. Repeat notes | tempo edit    | edit mode.  | 8. Delete a file. |
|                 | mode.         |             | (disk only!)      |

Keep in mind that there is a limit of 500 recorded notes. Exceeding that will take you back to the title screen. Press any key to go back to the menu. No notes will be lost by this action.

## NOTE COUNTER

Between the Practice and Record indicators is a note counter. When ever a note is played in the Record mode, 1 will be added to the counter. Pressing the pause key counts as a note, as for it's recorded also. Pressing the delete key will decrease the counter by one. Clearing the memory will reset it.

### TEMPO (note duration)

The tempo indicator is located at the bottom right of the screen. Pressing the <SHIFT>+<up arrow> keys will higher it, and pressing the <SHIFT>+<down arrow> keys will lower it (min-1 max-25). The tempo may be changed in any mode.

### PAUSE CHANGING

The pause indicator is located at the bottom left of the screen. It can be changed by pressing the up and down arrows respectively (min-1 max-900). It also, may be changed in any mode.

### QUICK PAUSE CHANGE

If you want a faster way to change the pause, press <P>. Next type in the pause number desired (min-1 max-900), then press <ENTER>. This works in any mode also.

### USING THE PAUSE KEY

This key has no effect when you press it in the Practice mode, but when used in the Record mode it puts a pause between the notes. You won't notice its affect until you play the song back, but it will add one to the note counter.

### NOTE REPEATING

If you want a note repeated press the <R> key. (This key has no effect during the Practice mode). The key repeat indicator will light up. Next press a number 1-9 to indicate how many times to repeat the note (only the most recent key recorded will be repeated). The number of notes repeated will be added to the note counter and the indicator will go off.

### BACKWARDS NOTE REPEATING

This is exactly the same as the repeat option, only after pressing <R>, press <B> (for backwards). Next press a number 1-9 to indicate how many notes back to repeat. Example: Pressing a 5 will make the repeat option repeat the last 5 recorded notes in a backwards order.

### THE DELETE KEY

This key has no effect in the Practice mode, but in the Record mode it will delete the most recent note recorded and the note counter will subtract one. The delete key may be pressed as many times as needed. Example: Pressing the delete key once will delete the most recent recorded note, pressing it again will delete the second most recent recorded note, and so on.

## SIMPLE NOTE EDITOR

(This key has no effect in the Practice mode). To go into the note editor press <SHIFT>+<9>. Seven notes at a time will be displayed. If they are correct press <Y> or else press <N>. If you press <N> the line to be fixed will be asked. Type in the number and press <ENTER>. Next type in the new note number and press <ENTER>. Now type the tempo and press <ENTER>. If you want to change a note to a pause, enter a zero as a note and the pause number for the tempo. To change a pause to a note, just enter the note and tempo as described above. If you pressed <N> by accident, just re-enter a line exactly the same. No change will be made and the main menu will be returned (080enter a 0 (zero) at the note prompt and a 0 (zero) at the tempo prompt. An error siren will sound but no change will be made and the program will resume.)

## TEMPO ADDING EDITOR

If when you playback a song you discover it's too fast and you want to add a few to the tempo's length, press <SHIFT>+<8>. Next type the number you want to be added and press <ENTER>. When the process is complete, the main screen will return. Note: If when the number is added the tempo exceeds 25 the tempo will remain unchanged for that particular note. Pauses aren't affected at all.

## TEMPO SUBTRACTION EDITOR

This works the same as the adder only it subtracts. To use this press <SHIFT>+<7>. Note: If when the number is subtracted the tempo is smaller than one, the tempo for that note will remain unchanged. Pauses aren't affected at all.

## CLEARING MEMORY

Pressing <SHIFT>+</> will clear all memory and sets the note counter to zero. (In Practice mode only.)

## SAVING

After your done with your song, you can save the data by pressing <SHIFT>+<1>. Enter the filename. Deluxe Music Machine Plus allows you to save on a tape or disk. When prompted, please select one.

## LOADING

If you want to load a saved song, choose the load option by pressing <SHIFT>+<2>. The memory will clear (so that songs won't merge when loading) and at the prompt choose tape or disk.

## PRINTING

If you would like a printout of your song, choose this option. Press <SHIFT>+<3>.

## SONG PLAYBACK

To playback a song press <:>. Next press a number 1-9 to indicate how many times to playback the song.



### SWITCHOVER

When you press <X> the main menu switches to the computer notes. Press the <X> key to switch back. (This option is great for entering data numbers of a song from a magazine. It's alot faster than typing the program out.)

### AUDIO ON/OFF

When you press <@> the motor and audio is turned on. (This option is so you can listen to your personal tapes while you use Deluxe Music Machine Plus.) Press <@> again to shut it off.

### SONG SAVE

A special option is that you can actually save a song. This routine plays your song directly onto the tape. To use this option press <SHIFT>+<5>. After you save the song you can play it back in a normal tape player or by pulling out all the jacks of your computer cassette recorder and then play it back.

### ADDING SHARPS, FLATS, AND OTHER NON-SUPPORTED NOTES

During Record mode, you can add sharps, flats, and other notes by pressing <O> (the letter). Next type in the note and press <ENTER>. Then type the tempo and press <ENTER>. The main screen will resume and your note will be saved on the soundtrack.

### ERROR SIRENS

If you make a mistake while using Deluxe Music Machine Plus, you might hear an error siren. This also can be caused by entering false data or pressing the wrong keys. If you get an error siren, the option chosen will be cancelled (no changes will be made) and the main screen will resume.

### INSERTING A NOTE (DISK ONLY!!)

To insert a note find out what note value and tempo you want to insert and where you want to insert it. Next press <shift>+<clear>. When the computer asks you where you want to put the note, enter the the correct number and press <ENTER>. Next type in the note value and press <ENTER>. Now type the tempo value you want your note to have and again press <ENTER>. The disk drive will start up and the note will be inserted in its proper place.

### DELETING A NOTE FROM THE FILE (DISK ONLY!!)

If you want to delete a note from the middle of the file, go into the record mode and press <SHIFT>+<6>. You will be asked what note you want to delete. Enter the note number and the note will be deleted from the file.

### Using the Convert Program

The covert program will load in your Deluxe Music Machine Plus files and "convert" them into BASIC programs that you can merge with your own programs or just to convert songs to BASIC for a better playback. Keep in mind that BASIC will play back Deluxe Music Machine Plus files alot faster than the playback routine built in. You will have no trouble using convert. The directions will appear right on the screen. After the file is done being converted you can then type NEW and load the song into BASIC and run it.

NOTE: Deluxe Music Machine Plus was designed to help you make songs and sound effects for your BASIC programs. The playback routine is very slow and was intended to be used just for playing the song you are working on back, so you can hear your progress. Also keep in mind that some options require that you have five or more recorded notes before it will work (such as the save and playback routines).

ANOTHER PROJECT BY TRS-80 COMPUTING SOFTWARE.