

# M

Version 2.6 for Mac OS X

## **Manual Addendum**

14 September 2003

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M 2.6 runs only in Mac OS X 10.2 or later. It supports the OS X Core MIDI system. The only differences between M 2.6 and M 2.5 involve MIDI features.

## **File Compatibility**

Version 2.5 M documents store MIDI assignments in an OMS-specific way. Therefore the Port/Device for each M channel listed in the MIDI Assignment window will be left unchanged in version 2.6 when reading in a document created by M 2.5 or earlier. Similarly, M 2.6 documents store MIDI assignments in a Core MIDI-specific way, and these assignments will be ignored by previous versions of M.

Otherwise, files are identical with previous versions.

## The MIDI Assignment Window

M's MIDI Assignment window shows the currently selected Core MIDI source for each channel in the Input Channels column, and the currently selected Core MIDI destination for each channel in the Output Channels column.

Click on the name of a device to get a pop-up menu listing all inputs or outputs.

In addition to sources and destinations that might reflect your MIDI hardware and/or other currently running applications, M provides you with two virtual inputs (called **to M 1** and **to M 2**) and two virtual outputs (called **from M 1** and **from M 2**). These names can be chosen in other applications to send MIDI to and from M. If another application you're working with has virtual inputs or outputs, you can choose those devices from the pop-up menu to send or receive MIDI.

### Midi Assignment

Input Channels		Output Channels		1st Send	
Port/Device	Chan	Port/Device	Chan	Pgm	Msg...
1	Port A	1	Port A	1	
2	Port A	2	Port A	1	
3	Port A	3	Port A	1	
4	Port A	4	Port A	1	
5	Port A	5	Port A	1	
6	Port A	6	Port A	1	
7	Port A	7	Port A	1	
8	Port A	8	Port A	1	
9	Port A	9	Port A	1	
10	Port A	10	Port A	1	
11	Port A	11	Port A	1	
12	Port A	12	Port A	1	
13	Port A	13	Port A	1	
14	Port A	14	Port A	1	
15	Port A	15	Port A	1	
16	Port A	16	Port A	1	

#### MIDI Conducting

↔ Ctrl# 1
↕ Ctrl# 2

#### Send Sync      Latency

None      37 ms

#### MIDI Messages

Omni On
Omni Off

Mono Mode
Poly Mode

Local Control On

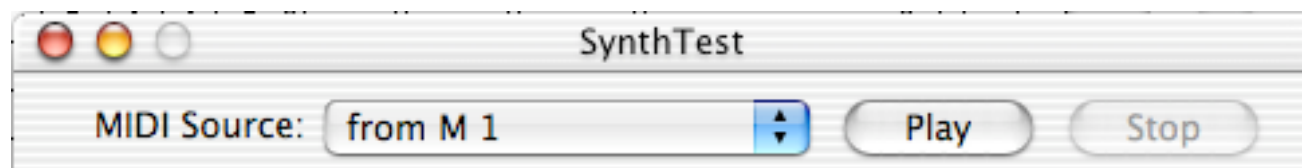
Local Control Off

System Reset

All Notes Off 🎹.

Panic

For instance, you might want to use the free OS X application SynthTest with M so it can play the internal Quicktime synthesizer. In the SynthTest application, choose **from M 1** as the MIDI Source.



## **Send Sync**

This feature is disabled.

## **Output Latency**

The Latency numerical allows you to delay M's output by a specified number of milliseconds in order to prevent timing problems with certain USB MIDI interfaces. By default the value is 0, which works fine for software synthesizers. The maximum latency is 999ms. If you need to increase the latency, you'll probably want to use a value of at least 100ms, perhaps something like 250ms. The latency value you enter will be restored the next time you launch M if you choose Save State as Startup from the File menu.

## **Other Differences**

The Quit item is now in the M menu instead of the File menu.