

## MM-401 Addendum

### How to Change the Address and IRQ Settings

Recent updates to the MM-401 have necessitated changes in how the I/O address and IRQ are set. The instructions on this page supercede the instructions in the manual.

The MM-401 supports 4 different IRQs and 4 different port address settings. The two left jumpers on the card control the port address setting. The MM-401 comes set to port address 330 and IRQ 5. This should work with most systems and is the most common setting for MPU-401 compatible cards. However, if your system includes a SoundBlaster or compatible soundcard, it will generally have the same default settings for its MIDI/Joystick port. In this case, you will have to change the IRQ and Port Address on your MM-401 using the chart below. "In" means that both pins are covered by the plastic jumper. "Out" means that the pins are uncovered or that the jumper is only covering one of the two pins. The address pins on the MM-401 are labeled 20 and 10. The IRQ pins are labeled 3, 5, 7 and 2. The factory defaults of address 330 and IRQ 5 are shown below.

#### ADDRESS

<u>Port Address</u>	<u>20</u>	<u>10</u>
300	out	out
310	out	in
320	in	out
330	in	in

#### IRQ

<u>Interrupt</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>2/9</u>
2/9	out	out	out	in
3	in	out	out	out
5	out	in	out	out
7	out	out	in	out