Apple MIDI Interface: Specifications

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These are the specifications for the Apple MIDI interface:

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Size
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- Depth 1.31 in. approx.
- Width 2.08 in. approx.
- Length 2.92 in. approx.


Connectors and cables
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Port              Connector        Cable Length

MIDI In           DIN 5            2 meters
MIDI Out          DIN 5            2 meters
Serial            Mini Circular 8  46 cm

MIDI DIN 5 Pinouts
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  Connector      Pin #          Description

  MIDI IN         1             No Connect
  MIDI IN         2             Shield Ground
  MIDI IN         3             No Connect
  MIDI IN         4             Interface Enable
  MIDI IN         5             Data In

  MIDI OUT        1             No Connect
  MIDI OUT        2             Shield Ground
  MIDI OUT        3             No Connect
  MIDI OUT        4             +5 Volts
  MIDI OUT        5             Data Out


  NOTE: The Apple MIDI interface does not support MIDI THRU. However, a
  MIDI musical instrument may have a MIDI THRU port which can be used.


Power
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The Apple MIDI interface requires no external power supply or power cable.
Power for the Apple MIDI interface is supplied through the serial port from
the system.

Connecting the Apple MIDI Interface to a Computer

The Apple MIDI interface may be connected to either the PRINTER or MODEM
ports of the Macintosh or Apple IIGS. However, depending on the software
used, it may be necessary to use only one of the two ports. Consult the
current software manual for the proper port selection.

To connect one MIDI device to your computer:

- Run one MIDI cable from the IN port on the MIDI interface to the OUT
  port on the MIDI device

- Connect the other MIDI cable from the MIDI Out port of the MIDI interface
  to the In port of the MIDI device.

- WITH THE COMPUTER TURNED OFF, connect one end of the mini circular-8
  cable to the computer and the other end to the Apple MIDI interface.
  When the MIDI interface is being used with the Apple IIGS it may also be
  necessary to reconfigure some parameters in the systems control panel.

To connect two MIDI devices to your computer:

- Connect the first device (the one with a keyboard) as in the directions
  above for one device.

- Run a third cable from the Thru port on the first MIDI device to the
  In port on the second MIDI device.

To connect a third (or more) MIDI device:

- Run a fourth cable from the THRU port on the second device to the IN
  port on the third MIDI device.

- This process can be continued with a cable from the third MIDI device
  to the IN port on the fourth MIDI device, and so on, as you continue to
  string MIDI interfaces.

  NOTE: Only the FIRST device, the one with an outbound line back to the
  computer, can send information back to the computer. The other devices
  can only respond to signals generated by the computer, or by the first
  device as relayed by the computer. Some MIDI software has a keyboard
  select feature or a command for PATCH THROUGH which lets you send
  signals generated from the first device to other devices.

As an alternative, if you have a keyboard controller and one other MIDI
device, you can run one cable from the OUT port on the controller to the
IN port on the Apple MIDI interface, and then run the other MIDI cable
from the OUT port on the Apple MIDI interface to the IN port of the second
MIDI device.

There is no reason to connect a cable from the Apple MIDI interface to the
IN port of the controller -- a controller does not play music.
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