

MIDI

Musical Instrument Digital Interface

What MIDI Is :

MIDI, which stands for “Musical Instrument Digital Interface,” is a system that allows electronic musical instruments and computers to send instructions to each other. It sounds simple, but MIDI provides some profound creative opportunities .

The General MIDI sound set allows you to instantly play back pre-recorded music on many MIDI instruments, or on a computer.

One MIDI device can control another, letting you use the most convenient tool for any job. Edit MIDI instrument sounds on your computer, operate an audio recorder from a MIDI beat box, and on and on.

A MIDI device that controls another is referred to as a MIDI “controller.”

Various controllers are:

Keyboard

Guitar

Drums

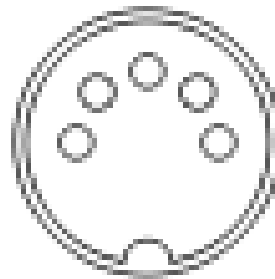
MIDI and Video

MIDI doesn't have to be simply about music. Some MIDI devices allow performers—called “VJs”—to manipulate video images onstage, creating exciting visuals.

MIDI Connections

MIDI Cables

MIDI devices are typically connected to each other using MIDI cables. All MIDI cables use the same wiring and have the same type of 5-pin-DIN-type connector on each end.



A typical MIDI device provides MIDI jacks, or “ports,” into which you can plug a MIDI cable’s connector. There are three types of MIDI ports, and a device may offer one, two, or all three, depending on what the device does:

MIDI IN• —A MIDI IN jack receives MIDI data from some other MIDI device.

MIDI OUT• —A MIDI OUT jack sends MIDI data produced by the device out to another MIDI device.

MIDI THRU• —A device's MIDI IN port receives MIDI data and passes it back out unchanged through the MIDI THRU port.

Compose Music

If you've ever had an original song idea in your head and wished you could have it performed, MIDI is the way to do it. All you need is a *MIDI Sequencer* , plus a MIDI instrument to enter notes with.

You can start with just a melody and then add backing chords, bass, and rhythm later, or add instruments in any order you like.

If you make mistake, you can change it without having to play the part all over again. You can also make entire sections repeat without playing them again. And you can rearrange and re-orchestrate your song as many times as you like.

Source used:

www.MIDI.ORG