

# 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

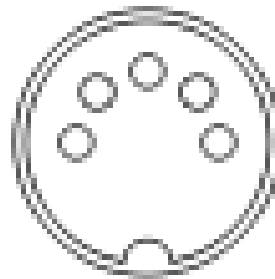
## **MIDI and Video**

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 a 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](http://www.MIDI.ORG)**