

Musical Instrument Digital Interface

MIDI PinOut



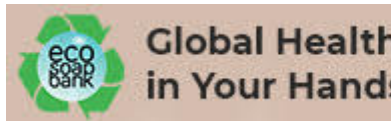
5-pin MIDI

MIDI Interface Bus; [**Musical Instrument Digital Interface**]:

MIDI defines the electrical and physical interface over a 5-pin [DIN connector](#), on a 64 ohm cable.

MIDI also defines the protocol used over the interface, which happen to be digital instructions and not music.

The MIDI interface uses three different pinouts which are all defined on a 5-pin DIN connector; MIDI In, MIDI Out, and MIDI Thru.



MIDI Pin Out

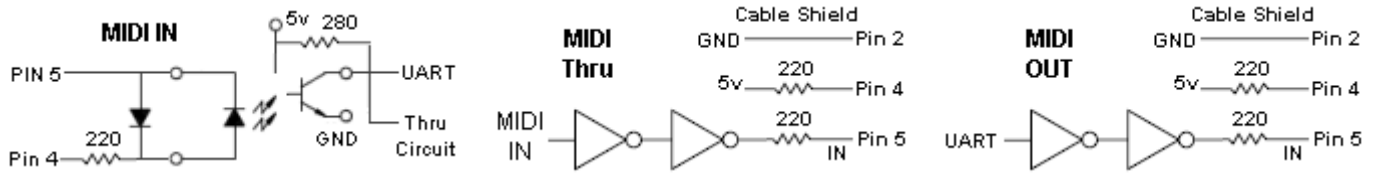
Pin No.	IN Signal name	THRU Signal name	Out Signal name
1	No Connect	No Connect	No Connect
2	No Connect	Shield	Shield
3	No Connect	No Connect	No Connect
4	IN+	+5v	+5v
5	IN-	IN	IN

The MIDI port used with [Personal Computers](#) when found on sound cards uses a 15pin D [connector](#)

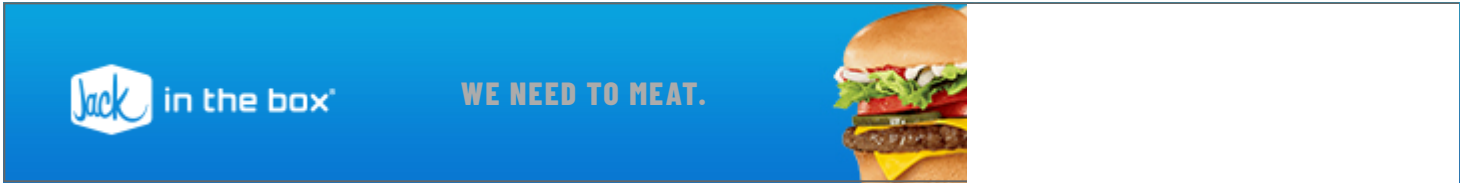
The 15-pin MIDI connector has the following pin out; [Joystick pinout](#).

There really is no 15-pin D defined in the current [Motherboard](#) standards used as a game port.

The Joystick connector is found on sound cards



IC Circuitry for the MIDI In, MIDI Thru and MIDI Out Interfaces



MIDI Connectors

Addition [Personal Computer Buses](#).

Listing of [PC Gear](#) Manufacturers

MPU401: [Midi Processing Unit 401], Developed by Roland.

The board-side MIDI connectors are the plugs and the cable ends are the male Jacks.

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