

## How can I verify that the DJ Console 4-MX is working correctly as a MIDI controller?

There is many ways to test the **DJ Console 4-MX** as a MIDI controller. The first one is included with MAC OS:

- Open **Audio/MIDI Setup** (Application > Utilities). Under **MIDI**, you should find **Hercules DJ Console 4-MX**.

- Click on



Press a button on the DJ Console. You should normally obtain de following result, indicating that the console correctly transmits a signal:



Even though it might not be very precise, this is an easy way to verify the transmission of MIDI Messages.

Although it is possible to test the **DJ Console** from within most applications that can use MIDI controller (such as Traktor DJ), we'll use a MIDI test program available from the following website:

### **MIDI Monitor**

<http://www.snoize.com/MIDIMonitor/>

The first thing to do when launching MIDI Monitor, is to check under **Sources**, that port 1 of the DJ Console is enumerated:



Start by pressing a button on the DJ Console. Under column **Data**, you will notice a value of **127** (when pressing the button) and **0** (when releasing the button).

Data	
F-1	127
F-1	0

For knobs and sliders, who are incremental controls, you should normally get values **between 0 and 127**, depending on the position of the controller.

Data	
Foot Control (fine)	24
Foot Control (fine)	25
Foot Control (fine)	26
Foot Control (fine)	27
Foot Control (fine)	28
Foot Control (fine)	29
Foot Control (fine)	30
Foot Control (fine)	30

This test can also help determine if some of the controls of the DJ Console are not working correctly. For example, if the Crossfader is only halfway to his course but already displays its maximum value of 127.