How can I verify the Hercules P32DJ is working correctly as a MIDI controller (PC)?

Although it is possible to test the **Hercules P32DJ** from within most applications that can use MIDI controller, we'll use a MIDI test program available from the following website:

MIDI Monitor

http://obds.free.fr/midimon/

<u>NOTE</u>: When used under Windows 10/8/7/Vista, be sure to run the software as **Administrator**.

The first thing to do upon launching **MIDI Monitor** is to configure it so the **Hercules P32DJ** is used as **MIDI Input**:

- From the Left column, click SETUP

- Using the drop down menu for **MIDI In Device and MIDI Out Device**, select **Hercules P32DJ** if this is not already the case.

🔼 M	idi Monitor						_		×
	Setup Data Monitor	Setup							
9	Sysex Monitor Clear	<mark>Open </mark> Hercules	Midi In Device P32 DJ	Ţ	Midi 1/0 Thru As Input	•	Midi Out Device Hercules P32 DJ	oper	

By default, the **MIDI In Device** should be **Open**. This is necessary for the software to be able to read the incoming data from the controller.

Once done. Click on **Data Monitor**, which will bring you to the test page.

Start by pressing a button on the DJ Control. Under column **Data2**, you will notice a value of **127** (when pressing the button) and **0** (when releasing the button). This is also displayed under **Event History**.

- 36		Data Monitor	Status	Data1	Data2	Channel
Setup		Binary	10110000	00000110	00000000	00000000
Da	Data Monitor	Hexadecimal	НВО	H06	HOO	HOO
Sy:	sex Monitor	Decimal	176		0	0
Cle	Clear	Explicit Event Value	Control Change	Data Entry MSB	0	Channel 1
				Events History		

For incremental controls, such as knobs and sliders, you should normally get values **between 0 and 127**, depending on the position of the controller. The **Event Value** should also display the relative position of the control being used according to the value.

En:	Setup	Data Monitor	Status	Data1	Data2	
	Data Monitor	Binary Hexadecimal	10110000 HB0	00101011 H2B	01000001 H41	
NO.	Sysex Monitor	Decimal	176	43 Europe LSP	65 65	
E	Clear	Explicit Event Value	Control Change	Expres. LSB		
				Events History		
1	Record Sysex	B0 2B 3A B0 2B 3B	Control Change Control Change	Expres. LSE Expres. LSE	3 58 3 59	Cha Cha
<u>10</u>	Send Sysex	B0 2B 3B B0 2B 3C	Control Change Control Change	Expres. LSE Expres. LSE	3 60	Cha Cha
	Multi Out	BO 2B 3C BO 2B 3D BO 2B 3D BO 2B 3E	Control Change Control Change Control Change Control Change	Expres. LSE Expres. LSE Expres. LSE Expres. LSE	3 61 3 61	Cha Cha Cha Cha
		B0 2B 3E B0 2B 3F B0 2B 3F	Control Change Control Change Control Change	Expres. LSE Expres. LSE Expres. LSE	3 62 3 63	Cha Cha Cha
Г Мі	idi Data	B0 2B 3F B0 2B 40 B0 2B 40	Control Change Control Change Control Change	Expres. LSE Expres. LSE Expres. LSE	3 64	Cha Cha Cha

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