How to configure MIDI-OX to transform MIDI CC to Note-on

Connect the BBC2 and the USB MIDI cable

## Open MIDI-OX



In the "Options" menu, select "MIDI devices"

MIDI Devices									
Presets:	- 🛛 🗙 🛛 OK 🛛 Cancel								
MIDI Inputs:	Port Mapping:								
<ol> <li>Breath Controller 5.0-1815FFFF</li> <li>4- SD-90 PART A</li> <li>4- SD-90 PART B</li> <li>4- SD-90 MIDI IN 1</li> <li>4- SD-90 MIDI IN 2</li> <li>Vienna Instruments MIDI</li> <li>MIDISPORT Uno In</li> </ol>	■ MIDISPORT Uno Out								
MIDI Outputs:	Port Map Objects:								
<ul> <li>6) MIDISPORT Uno Out</li> <li>1) Microsoft GS Wavetable Synth</li> <li>2) 4- SD-90 PART A</li> <li>3) 4- SD-90 PART B</li> <li>4) 4- SD-90 MIDI OUT 1</li> <li>5) 4- SD-90 MIDI OUT 2</li> <li>7) MIDI Mapper</li> </ul>	<ul> <li>Channels</li> <li>System</li> <li>Breath Controller 5.0-1815FFFF</li> <li>MIDI-0X Events</li> <li>_M0XSYSMAP1.oxm</li> </ul>								
Automatically attach Inputs to Outputs during selection.									

In the MIDI Inputs, select the Breath Controller and in the MIDI Outputs, select your USB MIDI cable.

Click OK.



Select "MIDI Data Mapping Transforms"

Translation Map		×
Turn On Computer Piano Keys Mapping (after OK)	Turn Map On (after OK) 🔍	ОК
Input Value 1 Value 2	Uutput Value 1 Value 2	Cancel
Chan Message Min Max Min Max Clone	Delay Chan Message Min Max Min Max	
	<b>^</b>	Insert
		Edit
		Delete
		Clear
	-	1 t
Wait for complete NRPN Data Entry (Ctrl 38)	Send Full NRPN (4 MIDI messages)	Load
🔲 Map NRPN Data Increments (Ctrl 96,97)	Reverse Data Entry (Ctrl 38, 6 - APS)	Save

Click "Insert".

And configure like this:

Define Mapping							×
When Input mate Channel Any 👻	hes: Event Type Ctrl	Min ] 1	Ctrl #	Max	Min 127	Amount	Max
Pass original v Set Output to: Channel	alue on (Clone) Event Type	Min	Note #	Max	Min	Velocity	Max
Match Input 👻	NoteOn -	) 36	🚔 36		127	🚔 [127]	
Delay (ms): Input number fields Output number field	U : -1 means "Any". Is: -1 means use Input	field value.	out value 2 (l	-ull)	OK	ut value 1 (Pi	Cancel

The value 36 defines the Note #. Change it to get the drum you want.

Click "OK"

T	ranslation Map												×
	Turn On Computer Piano Keys Mapping (after OK)					0.4-		Turn Map On (after OK) 🛛 📝				<b>V</b>	ОК
		Val	Value 1 Value 2		ουίραί		Value 1		Value 2			Cancel	
	Chan Messag	e Min	Max	Min	Max Clone	Delay	Chan Message	Min	Max	Min	Max		
	Ctrl	1	1	127	127		NoteOn	36	36	127	127	*	Insert Edit Delete Clear
	Wait for complete NRPN Data Entry (Ctrl 38)					<ul> <li>Send Full NRPN (4 MIDI messages)</li> <li>Reverse Data Entry (Ctrl 38, 6 - APS)</li> </ul>						Load Save	

Make sure to check "Turn Map On (after OK).

Now, when you bite, the note 36 will be sent with 127 velocity to your USB MIDI cable.