Tutorial

A quick guide to using TEC MIDI Breath Controller with Cubase Elements 7

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1 INTRODUCTION

This tutorial will show how to configure **Cubase Element 7** for use with the TEControl Breath Controller. It does not cover the installation of the TEC MIDI Breath Controller itself, as this is covered by other documents found on the support page of our website.

2 CONFIGURING CUBASE FOR USE WITH THE BC

After opening Cubase Element 7, go to: **Devices/Device Setup/MIDI Port Setup** where the Breath Controller should be visible.

- For the In, check the “Visible” and “In All MIDI”
- For the Out, un-check “Visible”

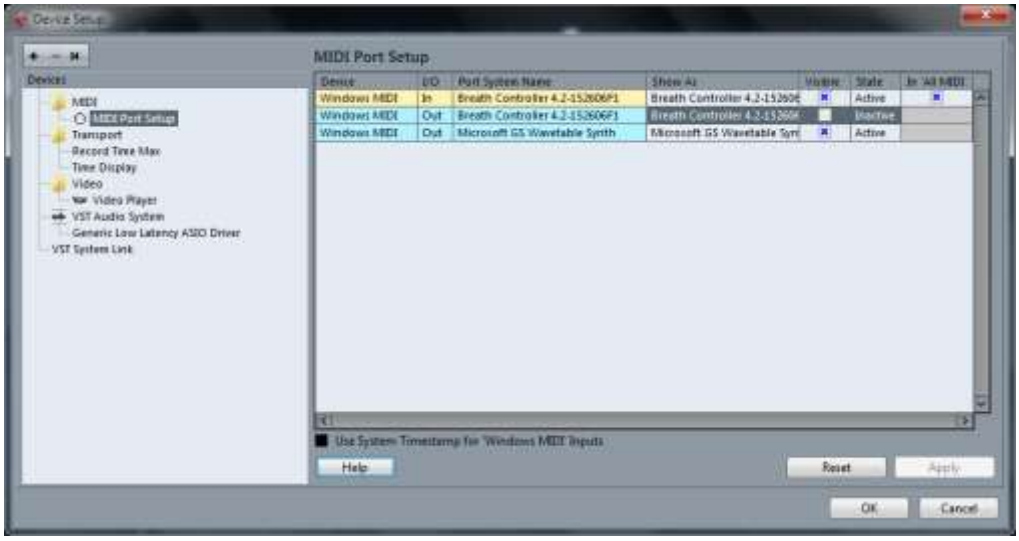

Figure 1 - Device Setup

Click OK to close the Device Setup.

3 SETTING UP YOUR RECORDING TRACK

Add a MIDI track and make sure the “Input Routing” is set to **All MIDI Inputs.** This will allow Cubase to record both to your normal MIDI controller(s) and the Breath Controller at the same time. You should be able to see activity on the meter when you blow into the mouthpiece of the Breath Controller.

Figure 2 - MIDI track Input routing

Arm the MIDI track for recording and you will see the Breath Controller output being recorded.

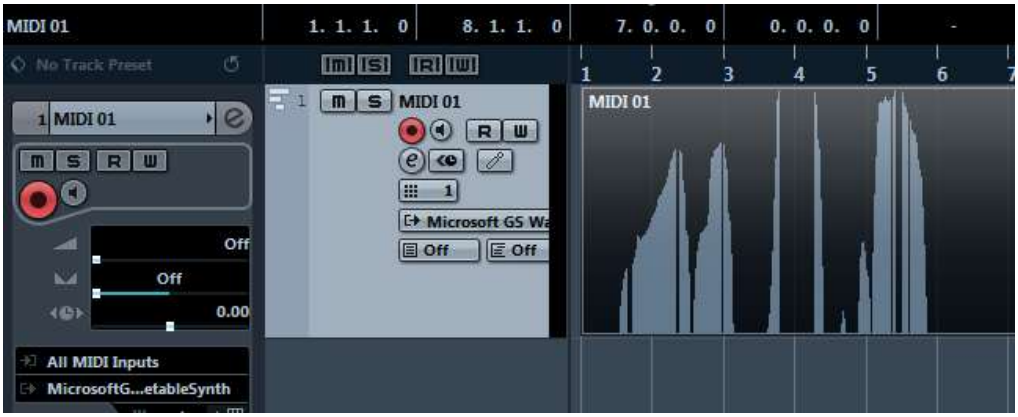

Figure 3 - Recording the Breath Controller

The MIDI CC being recorded is the one currently set in the Breath Controller (factory default is CC2 – Breath Control). Most MIDI instruments or samplers (but not all) recognize the breath control as MIDI CC2. If you want the BC to control other functions, you must change the MIDI CC number using the **TEC Configuration Utility**.

4 SETTING UP YOUR VIRTUAL INSTRUMENT

In Cubase, under **Devices/VST Instruments,** select a virtual instrument to be used. In this example we have used **Halion Sonic SE** (supplied with Cubase Elements 7).

Make sure to set the “output routing” of the MIDI track to **Halion Sonic SE**.

Now you must match the CC number sent by the Breath Controller to the CC of the parameter you want to control in your virtual instrument. This can be done in two ways:

1. If the manual of your virtual instrument has information on which CCs it is using, you can use the **TEC Configuration Utility** to change the CC of the breath controller to the CC number you need.

2. Many virtual instruments have a “learn” function which is sometimes easier to use. Right click on e.g. the “Level knob” in the Halion and in the pop-up window select “learn CC”, then blow into the mouthpiece of the Breath Controller and the “Level knob” will be assigned to the breath input.