

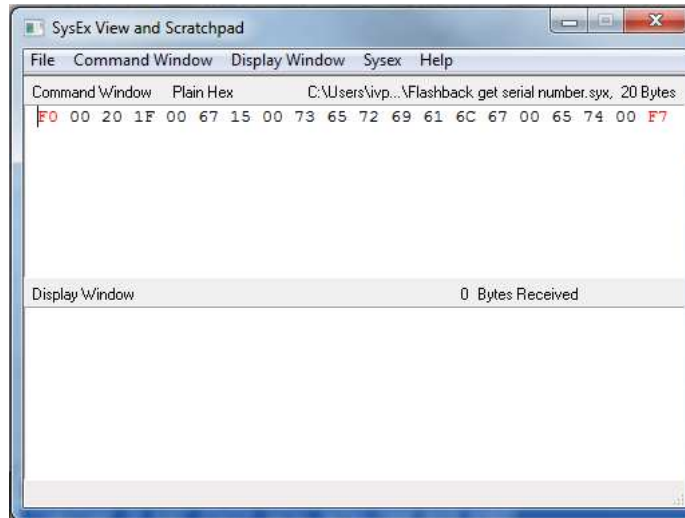
Service Note		
Product	Description:	Service note no.
<b>Ditto X2 looper</b>	<b>How to retrieve serial number</b>	<b>SNo-T0190</b>

## Reason for note:

How to retrieve serial number if the sticker has been removed or is unreadable.

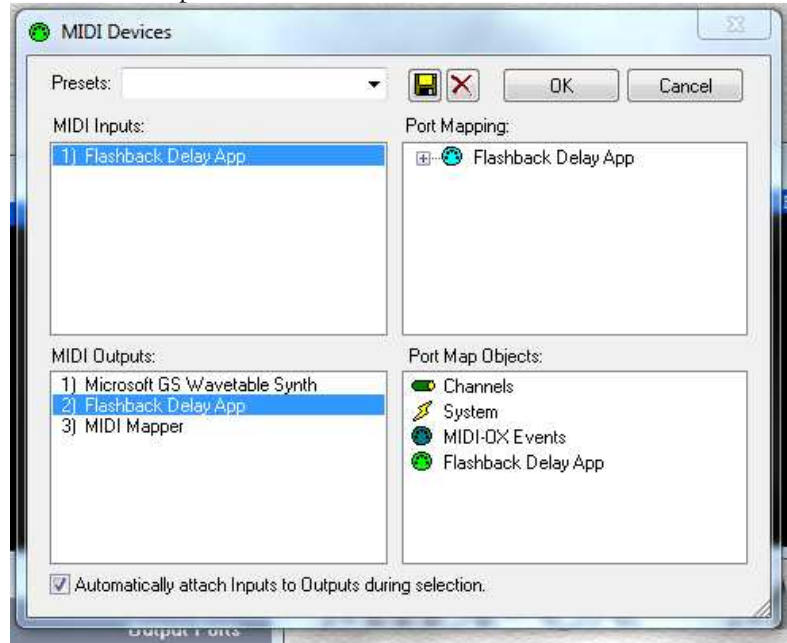
## Actions:

1. Preparations
  - a. download the sysex file for your pedal
  - b. download and install midi-ox from here: <http://www.midiox.com/>
  - c. open a web-browser, go here: <http://www.string-functions.com/hex-string.aspx>
2. power up **Ditto looper x2** in “midi-mode” like this
  - a. **attach USB cable**
  - b. **Press and hold FX footswitch**
  - c. **Apply power**
  - d. **If the pedal is booted up in “midi-mode”, it is possible to select Ditto Looper in the MIDI Devices list in Midi-OX**
3. setup software
  - a. double click the downloaded sysex file (sys-ex files should be associated with midi-ox), the SysEx View and scratchpad should open in Midi-ox:

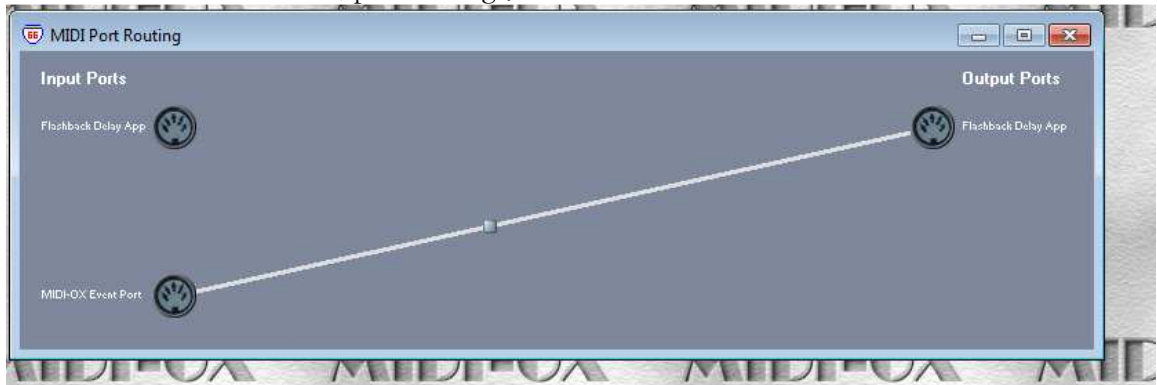


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- b. midi-ox options/MIDI Devices: select your pedal in MIDI inputs and select your pedal in MIDI outputs:

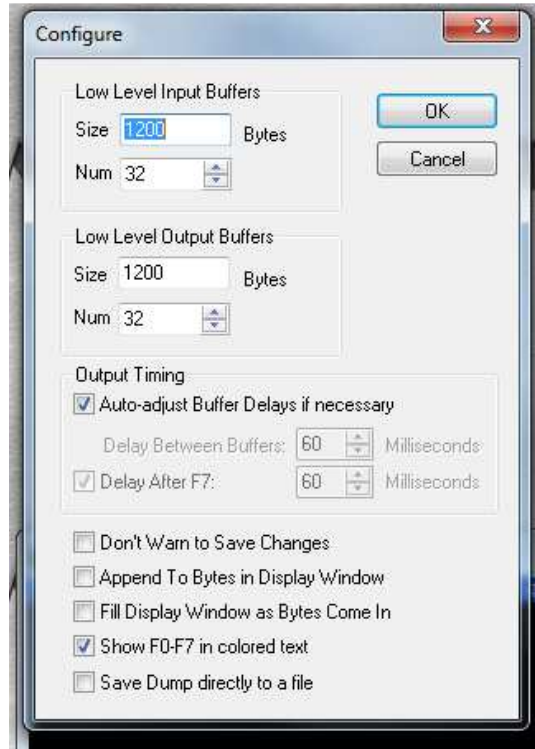


- c. midi-ox view/port routings, should look like this:

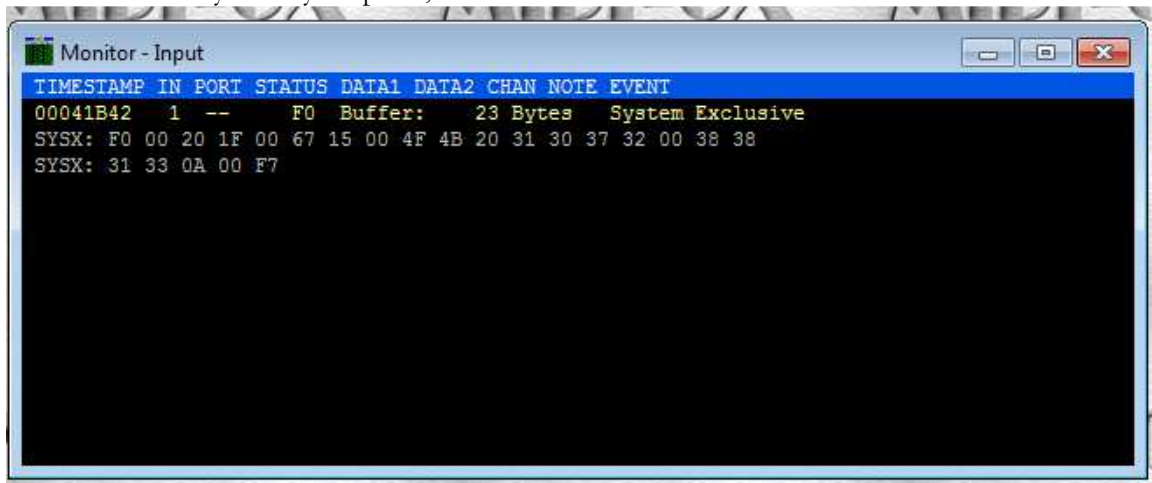


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d. sysex/Configure should look like this:



4. send the sysex to your pedal, the answer should look like this:



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5. Translate, using a web-browser
  - a. right click the Midi-OX monitor input and select copy all
  - b. paste in the web-browser and trim the string so it looks like this:

## Hex to string converter

Enter the hexadecimal text to decode, and then click "Convert!":

4F 4B 20 31 30 37 32 00 38 38 31 33 0A

- c. hit convert, and the decoded serial number should look like this:

