

# **Traces IV by Martin Matalon for Marimba and Electronics**

Production Team: Martin Matalon, Thomas Goeper, Robin Meier - Christophe Hausser- Ircam - La muse en circuit 2007 - 2008

## **VERSION TEMPS DIFFÉRÉ**

### **Computer Equipment:**

- 1 Apple MacBook Pro, 2GB RAM, CPU 2.33 GHz or more - Intel Core 2 Duo

### **Software:**

- OSX 10.4
- DP5 or Protools or Logic or other Sequencer

### **Audio Equipment:**

- 2 Microphones for amplification of Marimba : 2 DPA 4061 - they should be placed on the rists of the player - (better if the mics are HF).
- Audio Interface 8 in 8 out (preferably ADAT)
- Sound Board 8 in (computer), mic inputs, 8 out (6.2 to P/A) + 1 out to computer (mix of French Horn)
- reverb - Lexicon or TC electronic or equivalent

### **P/A:**

6 speakers placed around the audience. 2 Subbass units

Channel 1 ---> front Left

Channel 3 ---> middle Left

Channel 5 ---> rear. Left

Channel 2 ---> front right

Channel 4 ---> middle right

Channel 6 ---> rear right

## **REAL TIME VERSION**

### **Equipment**

#### **Computer Equipment:**

- 1 Apple MacBook Pro, 1.5GB RAM, CPU 2.33 GHz Intel Core 2 Duo

#### **Software:**

- OSX 10.4
- MaxMSP 4.6

#### **Audio Equipment:**

- 1 Microphone for amplification and recording of French Horn.
- Audio Interface 8 in 8 out (preferably ADAT)
- Sound Board 8 in (computer), mic inputs, 8 out (6.2 to P/A) + 1 out to computer (mix of French Horn)

#### **P/A:**

6 speakers (DAC number 1-6) placed around the audience. 2 Subbass units

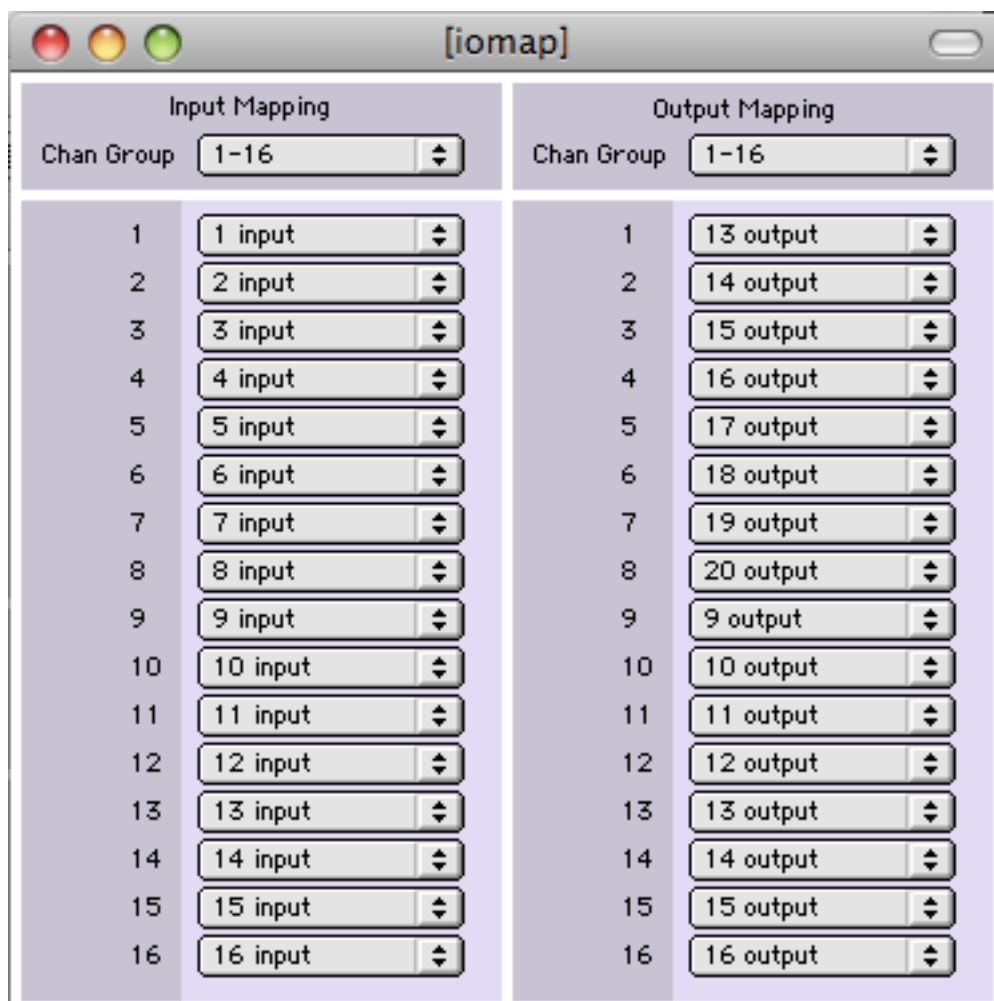
#### **other**

- sustain pedal (trigger) (0/1) type piano MIDI.

### **Installation**

on the Macbook

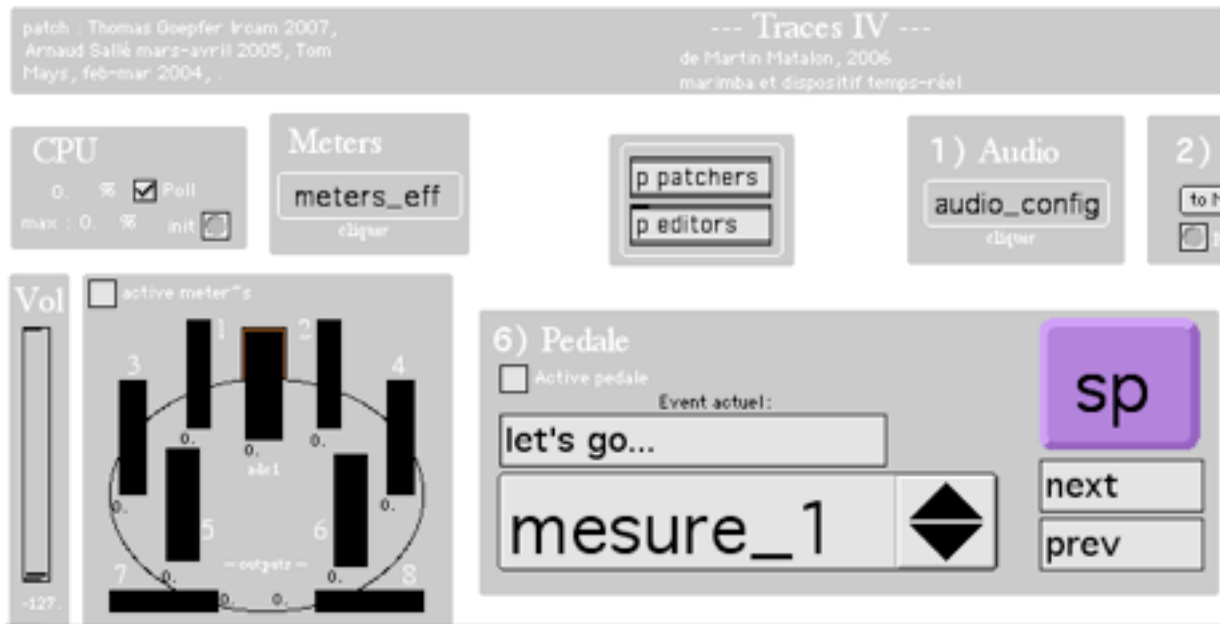
- copy the folder called TracesIV\_click to your hard drive.
- launch MaxMSP
- in the options menu, click on file preferences. Then add the folder TracesIV\_click to your searchpaths
- quit MaxMSP
- launch the files called TracesIV-events-7.1.pat and TracesIV-patchConcert-5.1.pat in this order.
- in the options menu, click on DSP Status, then click on I/O Mappings. The electronics are on DAC 1-6, the clicktrack is on DAC 7. If this doesn't suit your setup you can change the output mapping here.



*Input and output mapping for MaxMSP*

## Performance

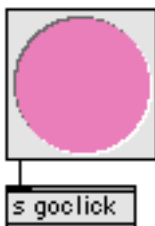
Follow the 7 steps documented in the main patch:



*main patch. step 6: just click on "Active pedale" and make sure "mesure\_1" is selected in the menu*

In order to start the performance, start the clicktrack by clicking on the button inside the "clicktrack" box (step7)

start clicktrack  
and go.....



*Button to start clicktrack. After a count-off of four beats event 1 is automatically triggered. All following triggers are automatic also and are synched with the clicktrack.*