

# MYCO USER MANUAL

## installation

Download the main folder **myco.zip**, unzip it and move it anywhere in your hardisk (for ex. in C:/program files)

Download the file **1154.zip** and unzip

Move the folder **1154** (can be renamed 001154) in the Hauptwerk folder containing your other sample-sets.

Download additional stops files (if there are), unzip and move them to the new **1154** folder.

Myco is written in Microsoft Visual Basic 2008. It runs with Windows XP, VISTA and SEVEN if the Framework 3,5 is installed in the computer. The Framework consists in some small programs, like DLL. The Framework is certainly installed yet in your PC; If not, d not worry, The Framework is free and can be downloaded on Microsoft official web site.

Myco Lite can create custom organ using his small sample-sets (001154), Ste Anne Moseley (000002) or a mix of both sample-sets.

Advanced users may replace Myco sample-sets by their own sample-sets,

Myco full version (in progress) will allow the users to design organs with almost any sample-sets and will have tools to help merging sample-sets.

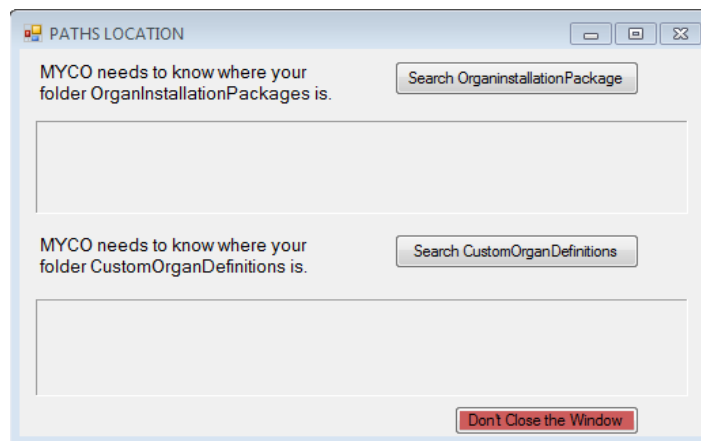
## Starting

Open **Myco** folder and double-click on **MakeYourCustomOrgan.exe**.

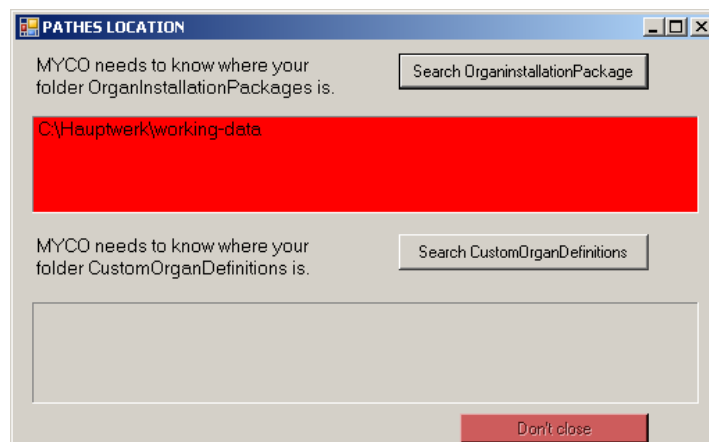
You will see the splashscreen. Click on the OK button.



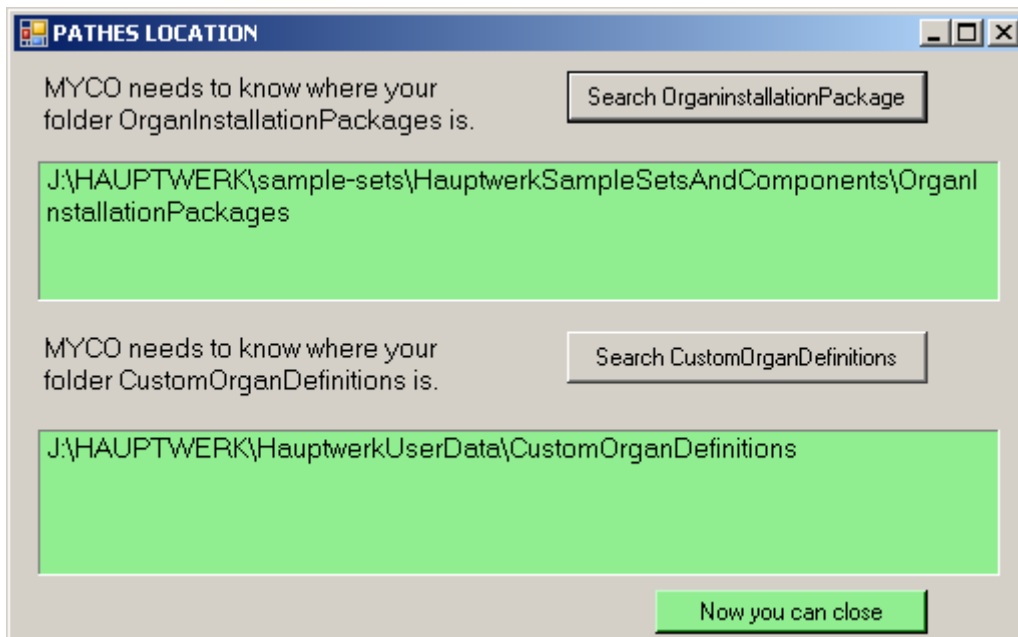
The first time you will use Myco, you will get also this window :



If the background colour gets red, it means that you have not found the good paths.

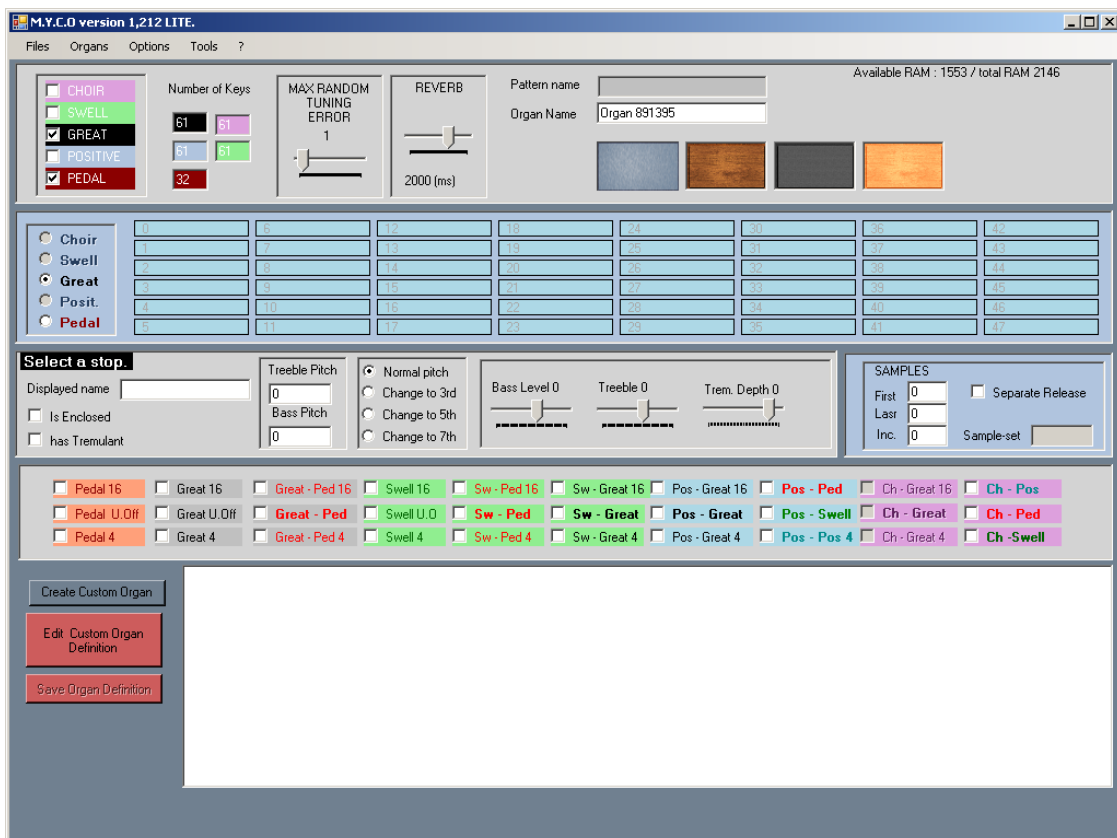


Once all is OK, the boxes are green and you can close the window.  
 Infos will be stored in your computer in 2 files : custom\_path.txt and package\_path.txt



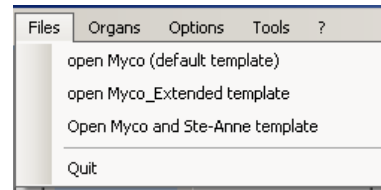
Once all is OK, the boxes are green and you can close the window.  
 Infos will be stored in your computer in 2 files : custom\_path.txt and package\_path.txt

Now you can see the main window. Most of the fields are empty.



## Opening a template

For example open the default template,  
This will fill some boxes of the blue panel,  
showing you ranks of pipes available with this  
template.



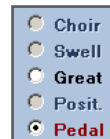
<input type="radio"/> Choir	01 Bourdon 16	07 Trompette 8	13 Nasard 2 2-3	19 Hautbois 8	25 Mixture IV	30	36	42
<input type="radio"/> Swell	02 Montre 8	08 Clairon 4	14 Tierce 1 3-5	20 Soubasse 16	26 Cor de Chamois	31	37	43
<input type="radio"/> Great	03 Bourdon 8	09 Bourdon 8	15 Larigot 1 1-3	21 Flute 8	26	32	38	44
<input type="radio"/> Posit.	04 Prestant 4	10 Salicional 8	16 Cromorne 8	22 Flute 4	27	33	39	45
<input type="radio"/> Pedal	05 Doublette 2	11 Flute Cheminee	17 Voix Humaine 8	23 Bombarde 16	28	34	40	46
	06 Plein Jeu IV	12 Quarte 2	18 Cornet V	24 Trompette 8	29	35	41	47

Select the pipes you want for your manual Great.  
You can use any of these stops, even the red ones which are pedal stops.  
Use left click to select and right click to unselect

<input type="radio"/> Choir	01 Bourdon 16	07 Trompette 8	13 Nasard 2 2-3	19 Hautbois 8	25 Mixture IV	30	36	42
<input type="radio"/> Swell	02 Montre 8	08 Clairon 4	14 Tierce 1 3-5	20 Soubasse 16	26 Cor de Chamois	31	37	43
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When the samples are 24 bits, you can hear them when selecting.

Select the pedal-board with the radio button and  
choose your stops for the pedals.



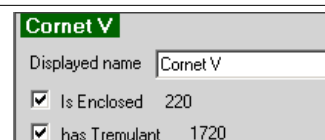
<input type="radio"/> Choir	01 Bourdon 16	07 Trompette 8	13 Nasard 2 2-3	19 Hautbois 8	25 Mixture IV	30	36	42
<input type="radio"/> Swell	02 Montre 8	08 Clairon 4	14 Tierce 1 3-5	20 Soubasse 16	26 Cor de Chamois	31	37	43
<input type="radio"/> Great	03 Bourdon 8	09 Bourdon 8	15 Larigot 1 1-3	21 Flute 8	26	32	38	44
<input type="radio"/> Posit.	04 Prestant 4	10 Salicional 8	16 Cromorne 8	22 Flute 4	27	33	39	45
<input checked="" type="radio"/> Pedal	05 Doublette 2	11 Flute Cheminee	17 Voix Humaine 8	23 Bombarde 16	28	34	40	46
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Add a manual, for example Swell,  
check Swell (check box)  
select swell (radio button)  
and choose your stops for swell








<input type="radio"/> Choir	01 Bourdon 16	07 Trompette 8	13 Nasard 2 2-3	19 Hautbois 8	25 Mixture IV	30	36	42
<input type="radio"/> Swell	02 Montre 8	08 Clairon 4	14 Tierce 1 3-5	20 Soubasse 16	26 Cor de Chamois	31	37	43
<input type="radio"/> Great	03 Bourdon 8	09 Bourdon 8	15 Larigot 1 1-3	21 Flute 8	26	32	38	44
<input type="radio"/> Posit.	04 Prestant 4	10 Salicional 8	16 Cromorne 8	22 Flute 4	27	33	39	45
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	06 Plein Jeu IV	12 Quarte 2	18 Cornet V	24 Trompette 8	29	35	41	47

Tremulant and enclosure can be set individually  
for each stop.

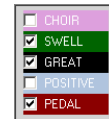


Select the couplers you need. Take care not to use a coupler for positive when you have no positive, and idem for other manuals.

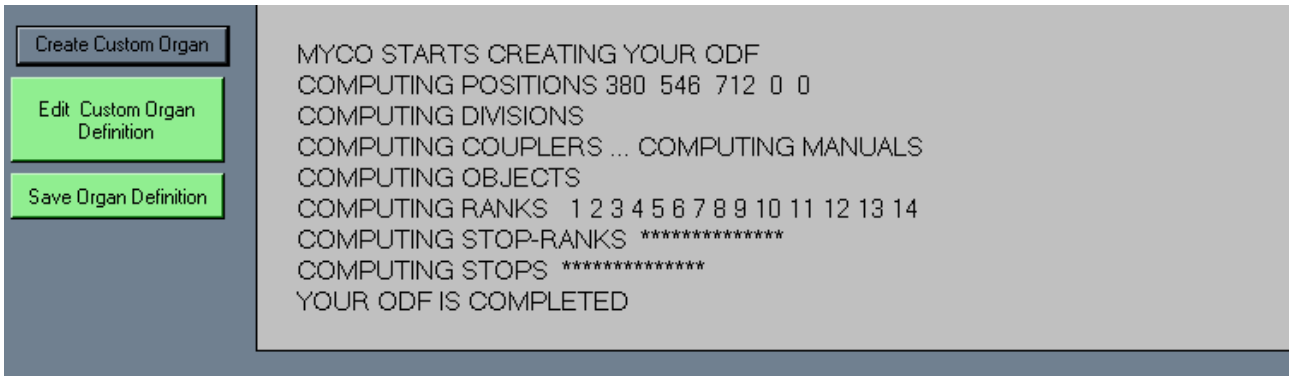
<div style="border: 1px solid black; padding: 5px;"> <input type="checkbox"/> Pedal 16   <input type="checkbox"/> Great 16   <input type="checkbox"/> Great - Ped 16   <input type="checkbox"/> Swell 16   <input type="checkbox"/> Sw - Ped 16   <input checked="" type="checkbox"/> Sw - Great 16   <input type="checkbox"/> Pos - Great 16   <input type="checkbox"/> Pos - Ped   <input type="checkbox"/> Ch - Great 16   <input type="checkbox"/> Ch - Pos  <input type="checkbox"/> Pedal U.Off   <input type="checkbox"/> Great U.Off   <input checked="" type="checkbox"/> Great - Ped   <input type="checkbox"/> Swell U.O   <input checked="" type="checkbox"/> Sw - Ped   <input checked="" type="checkbox"/> Sw - Great   <input type="checkbox"/> Pos - Great   <input type="checkbox"/> Pos - Swell   <input type="checkbox"/> Ch - Great   <input type="checkbox"/> Ch - Ped  <input type="checkbox"/> Pedal 4   <input type="checkbox"/> Great 4   <input type="checkbox"/> Great - Ped 4   <input type="checkbox"/> Swell 4   <input type="checkbox"/> Sw - Ped 4   <input checked="" type="checkbox"/> Sw - Great 4   <input type="checkbox"/> Pos - Great 4   <input type="checkbox"/> Pos - Pos 4   <input type="checkbox"/> Ch - Great 4   <input type="checkbox"/> Ch - Swell         </div>	
<p>Set the number of keys and pedals, Each manual has its own colour : red for pedal, black or grey for Great ...</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Number of Keys</p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">61</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">61</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">61</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">61</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">32</div> </div> </div>
<p>Remove the reverb if you want a dry organ (it is not always possible)</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">REVERB</p> <div style="text-align: center;">  </div> <p style="text-align: center;">2000 (ms)</p> </div>
<p>Choose a name for your organ</p>	<div style="border: 1px solid black; padding: 5px;"> <p>Pattern name <input style="width: 80%;" type="text" value="MYCO.pat"/></p> <p>Organ Name <input style="width: 80%;" type="text" value="Organ 897161"/></p> </div>
<p>Choose a background image</p>	
<div style="display: flex; justify-content: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px;"></div> <div style="border: 1px solid black; padding: 5px;"></div> <div style="border: 1px solid black; padding: 5px;"></div> <div style="border: 1px solid black; padding: 5px;"></div> </div>	
<p>Then you are ready to create your CODF (Custom Organ Definition File)</p>	

# CREATING THE CODF

Check that your manuals are correctly checked

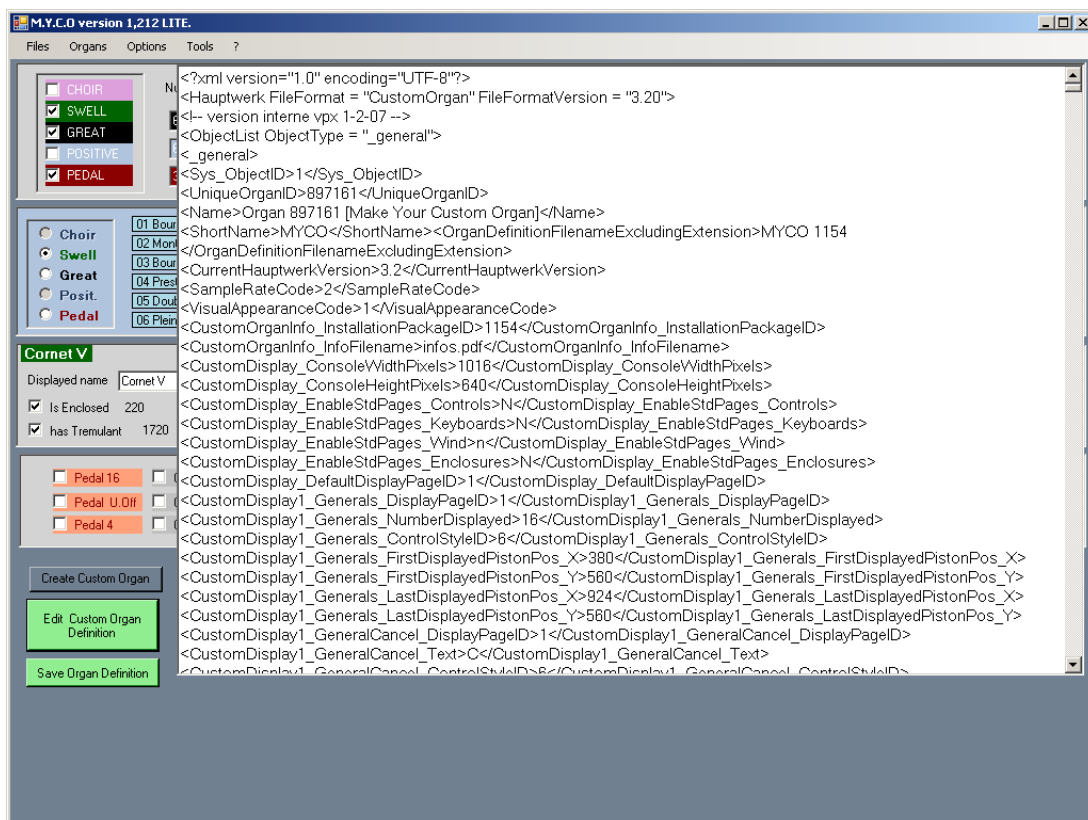
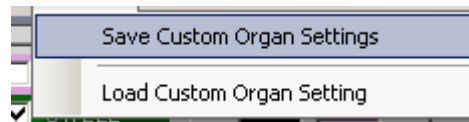


Press the button and wait until you get such a message.



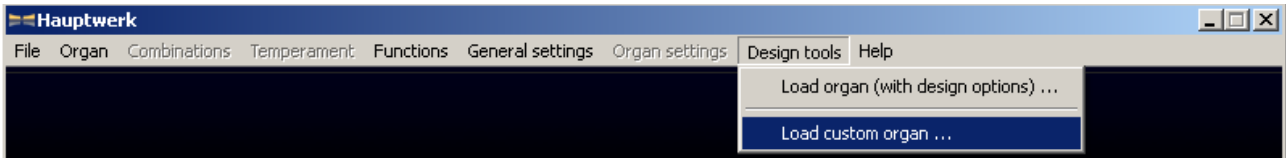
Now you can save your ODF on your hard disk, but you can also read or edit it before saving. Once the ODF saved, the button save becomes dark green.

If you want to continue designing this organ later, save it as an « organ setting ».



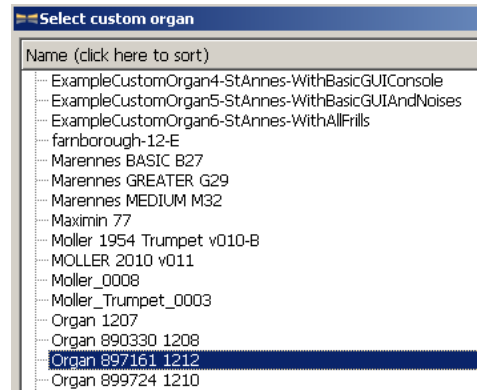
# Using the organ

Run Hauptwerk and load the CODF with the last line of this menu.

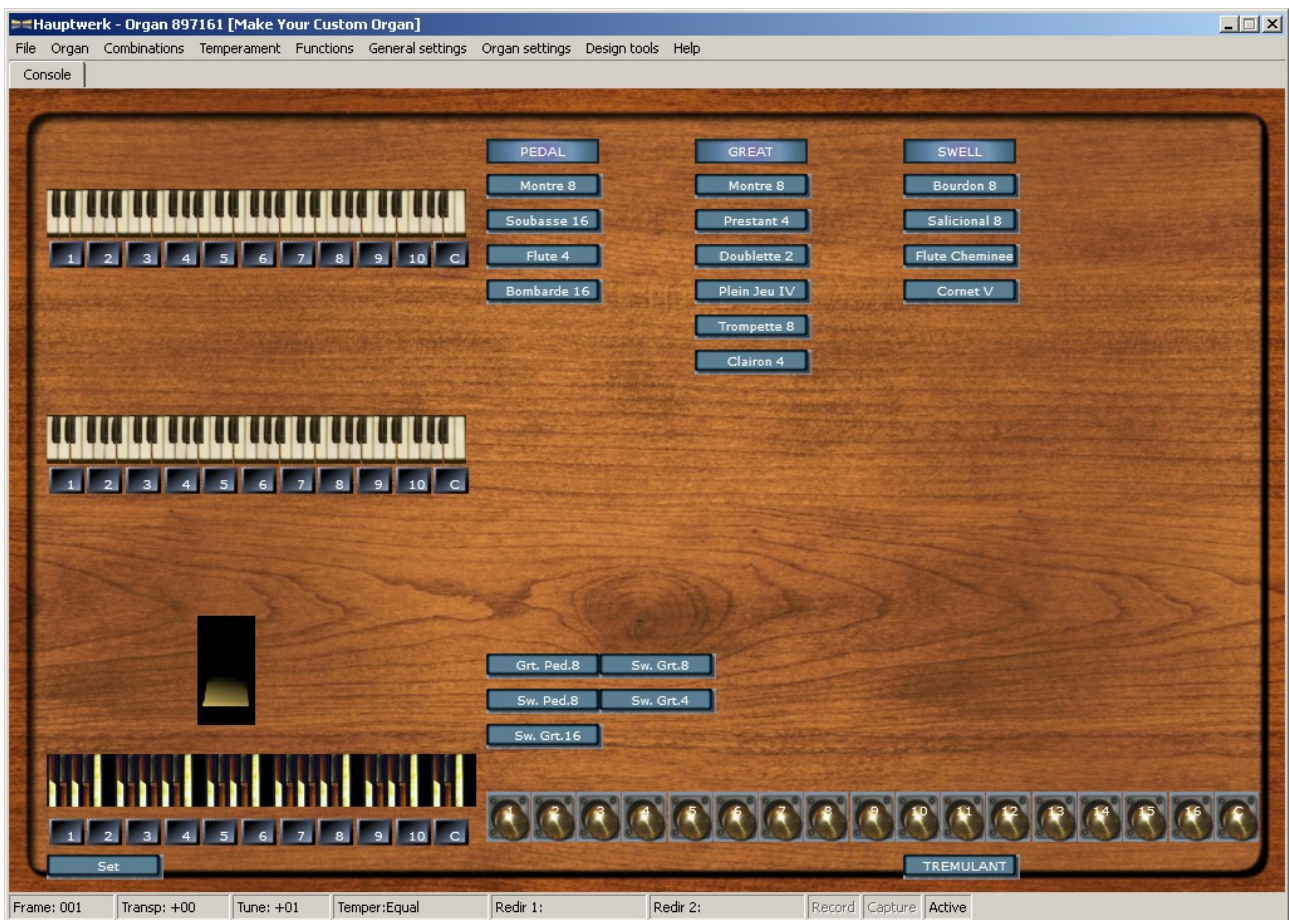


Select the organ you have designed.  
The number 1012 you can see on the right of the name is added by Myco (n° of version),

If you have not set correctly the paths ( fields are grey or red) your organ will not appear in the list.

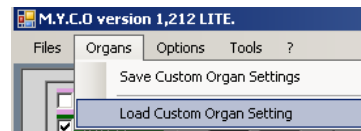


You will get this organ :

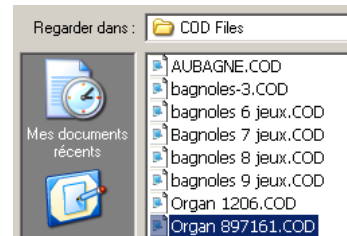


## Resuming our work

While Myco is open, we can resume our work, add a manual, add or remove a stop, tune or detune a trumpet, remove the reverb.... then save again the ODF.



If Myko has been closed, we can do the same by loading a Custom Organ Setting previously saved.



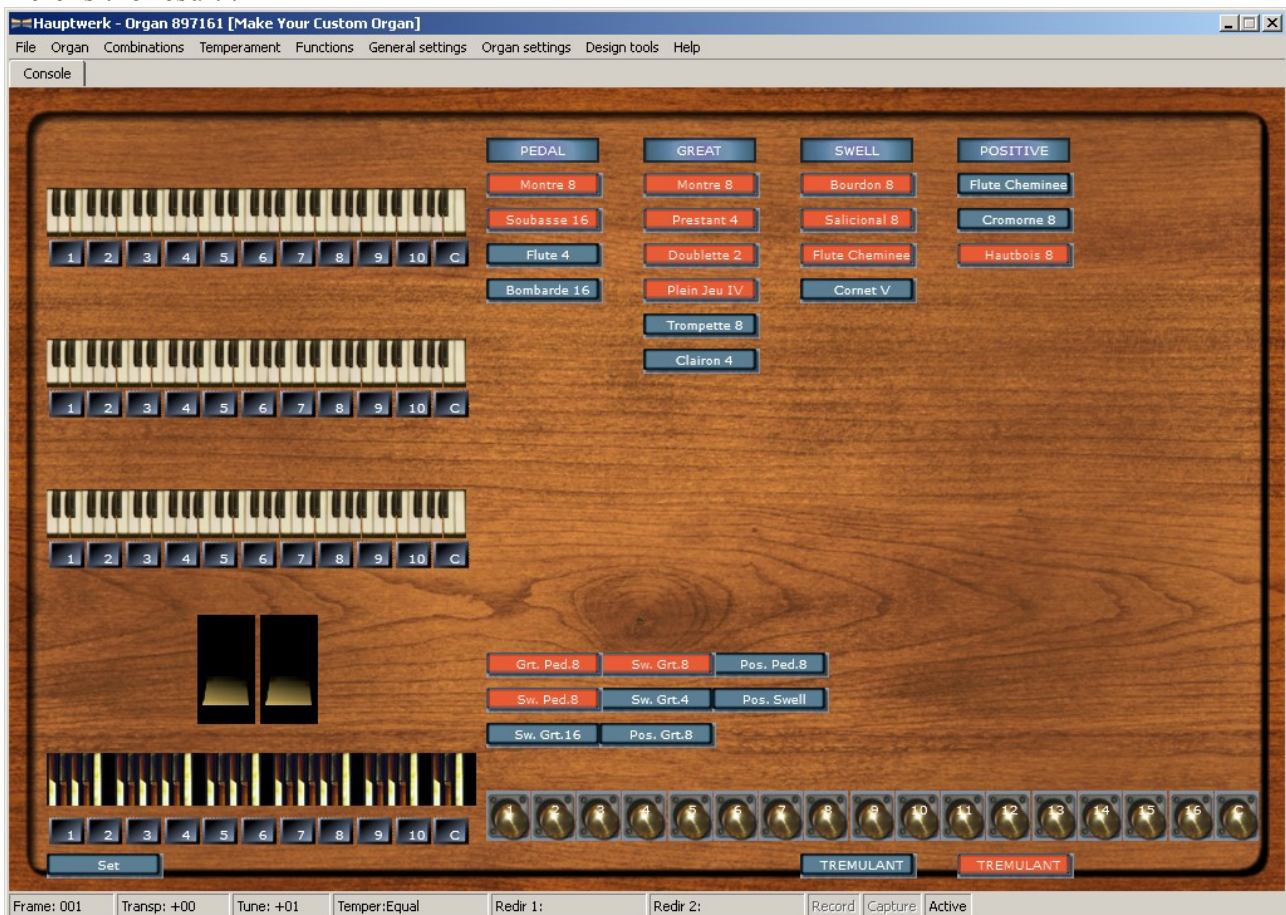
## EXEMPLE

We add a Positive manual and some couplers.



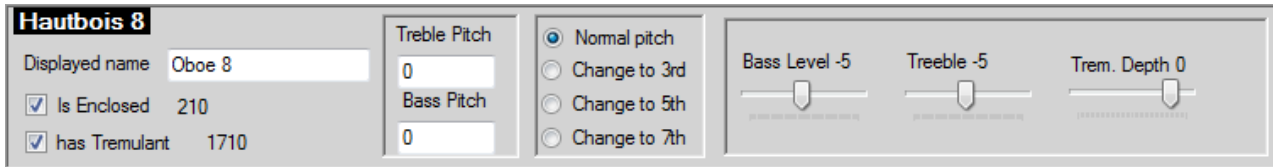
<input type="radio"/> Choir	01 Bourdon 16	07 Trompette 8	13 Nasard 2-2-3	19 Hautbois 8	25 Mixture IV	30	36	42
<input type="radio"/> Swell	02 Montre 8	08 Clairon 4	14 Tierce 1-3-5	20 Soubasse 16	26 Cor de Chamois	31	37	43
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Here is the result :



# ADVANCED EDITING

For each stop you can change some parameters :



**Normally, you should only edit the following :**

**Name**, for example you can change **Hautbois 8** for **Oboe 8 ft**

**Is enclosed** if you wish the stop to be enclosed. This will create automatically the expression pedal for the relative manual or remove it if no stops are enclosed..

**Has Tremulant**, if you want the stop to be with tremulant.

**Bass Level**. This is very important, it allows you to increase or decrease the amplitude level of the bass notes of a stop. Use it for instance if bass are too loud VS treble or if Bourdon 8 is too low.

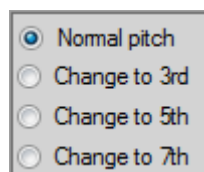
**Treble Level**, do the same for high notes.

**Tremolo Depth** allows to change the tremolo depth. Zero doesn't mean no tremolo but no change.

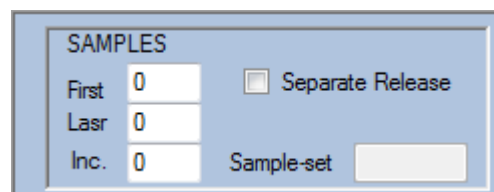
**Normally, should not be edited the following controls :**

**Treble Pitch** : can be used to adjust tuning, adjust diapason when merging sample-sets, creating special effects like Celeste 8' or creating mutations.

**Bass Pitch** : idem, but for the lowest notes of the stop. Bass and treble value should be usually the same.



**Normal pitch**. Other values are reserved for creating mutations.



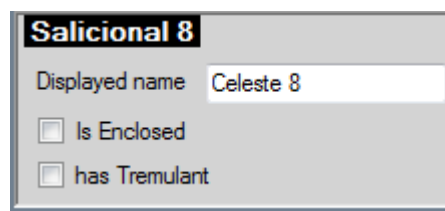
Use it only if you change the sample set. With Myco Lite, only sample-sets 02 and 1154 are allowed.

## Creating stops

### **Celeste**

To create a celeste effect, use two similar stops (for example a gamba and a salicional or two salicios). Change the pitch of one of them + or – 11 , 12 or 13 for bass and treble.

Bass value may be smallest than values for high notes.



**Salicional 8**

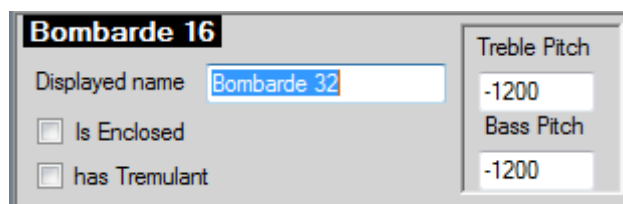
Displayed name

Is Enclosed

has Tremulant

### **Create a 32' stop with a 16'**

Change pitch by -1200 and rename the stop.



**Bombarde 16**

Displayed name

Is Enclosed

has Tremulant

Treble Pitch

Bass Pitch

### **Creating a mutation.**

Take a stop of 8' for ny mutation between 8 and 4' or 4' for any mutation between 4 and 2' and so on. Use the preset radio buttons

Example : create a nasard 2 2/3.

It will be often necessary to decrease the amplitude level.



**Prestant 4**

Displayed name

Is Enclosed

has Tremulant

Treble Pitch

Bass Pitch