

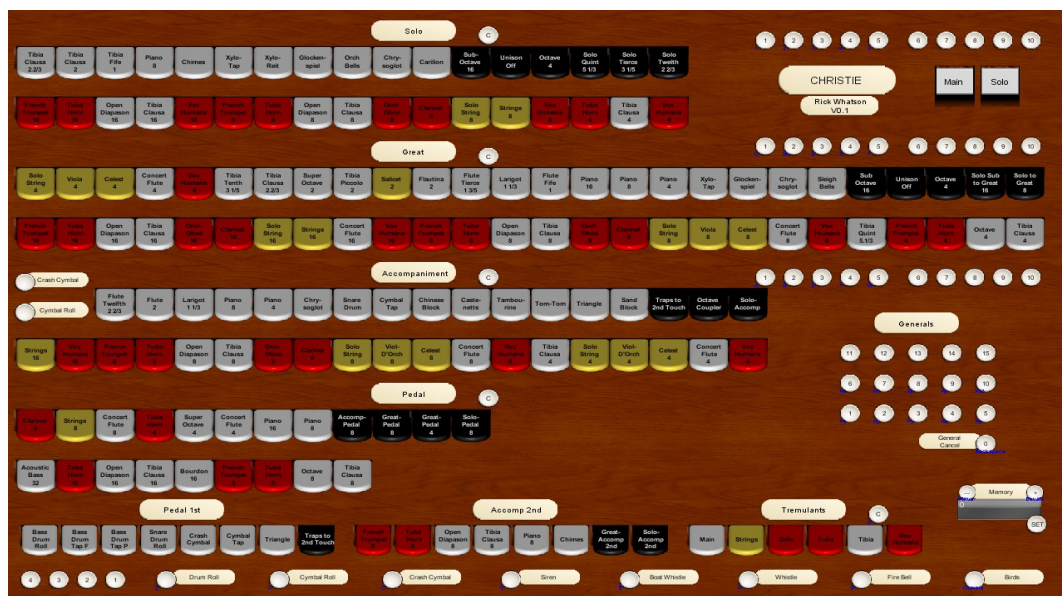
# jOrgan “Christie” Install Instructions

## TOSA-QLD Kelvin Grove Brisbane Australia

by Rick Watson

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This documentation is to assist with the installation of this jOrgan disposition file. There is also a second document aimed at highlighting customised features of the disposition. This disposition is an attempt to create a Virtual Organ replication of the TOSA-QLD “Christie” Unit Orchestra, housed in the school hall at Kelvin Grove (Brisbane) Queensland Australia. [www.tosa-qlld.org](http://www.tosa-qlld.org)



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## Acknowledgements

I would like to acknowledge Sven Meier for the creation and continued development of jOrgan. This software is not just a Virtual Organ, it allows the creation of any organ you know of to replicate, or could dream up as a specification. <http://jorgan.sourceforge.net/>

The main digital sound file used in this disposition was created by Bruce Miles <http://milestones.me.uk/> and is used with permission. I have also learned the majority of how to build this jOrgan disposition from a help document written by Bruce and from dissecting a couple of Bruce's jOrgan dispositions.

There is also a GM (General Midi) Soundfont file used from <http://www.personalcopy.com/sfarkfonts1.htm> offering free Soundfont files for non commercial use.

Further support and inspiration has come from the jOrgan (Forum) mailing list [http://sourceforge.net/mailarchive/forum.php?forum\\_name=jorgan-user](http://sourceforge.net/mailarchive/forum.php?forum_name=jorgan-user)

## Introduction

This document does not intend to be a tutorial for installing jOrgan or using the jOrgan software. It is only to assist in getting the Christie disposition installed in jOrgan on your computer. You will however find the principles involved translate to installing other disposition files for jOrgan. This disposition is written for jOrgan Version 3.7 and requires a complete and functioning installation of that program on your computer. For assistance with installing and using the jOrgan software see the following links <http://billskeesrecordingartist.com/jOrganBegUMvol-1.pdf>  
<http://billskeesrecordingartist.com/jOrganBegUMvol-2.pdf>

There is a further document written to assist in using the “Christie” disposition. Its aim is to outline the unique customised functions in the Christie disposition.  
[http://www.tosa-qld.org/vtpo/docs/Christie01\\_user\\_notes\\_091006.pdf](http://www.tosa-qld.org/vtpo/docs/Christie01_user_notes_091006.pdf)

## Package Contents

To run the “Christie” Virtual console in jOrgan you will need three files. These are:-  
“Christie01alpha.zip” (40KB), <http://www.tosa-qld.org/vtpo/docs/Christie01alpha.zip>  
“corg\_c111.sfArk.exe” (3.2MB) [http://www.tosa-qld.org/vtpo/docs/corg\\_c111.sfArk.exe](http://www.tosa-qld.org/vtpo/docs/corg_c111.sfArk.exe)  
“PCLite.sfArk.exe” (16MB). <http://www.tosa-qld.org/vtpo/docs/PCLite.sfArk.exe>

## Instructions

These instructions are written for users of Windows XP.

### Download and Save

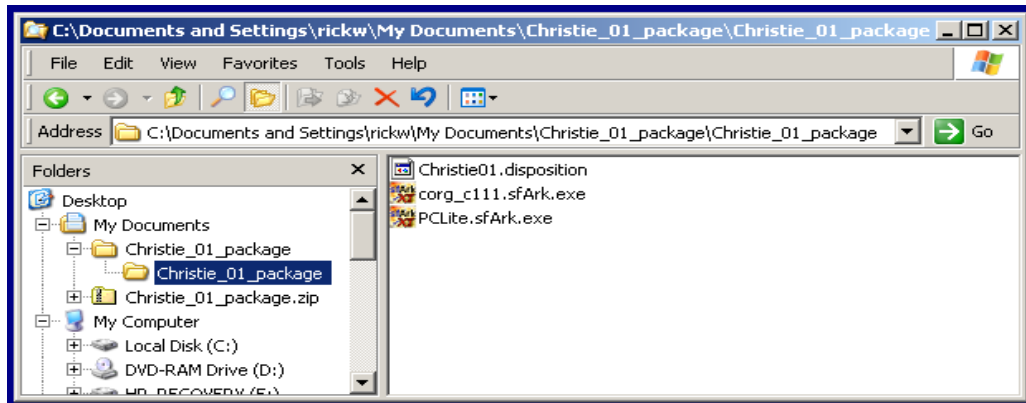
Download the three files to a place on your computer where you know where to find them, (eg. My Documents, Desktop or a place you nominate like a USB stick).

## Extract ZIP file

Right click on the “Christie01alpha.zip” file and select “Extract All...”

Follow the prompts clicking “next” till it has finished.

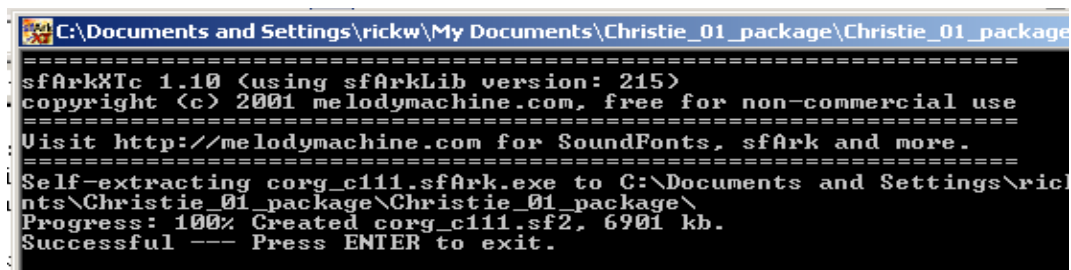
If you look for the files using Windows Explorer you should see something like this.



## Extract Soundfont Files

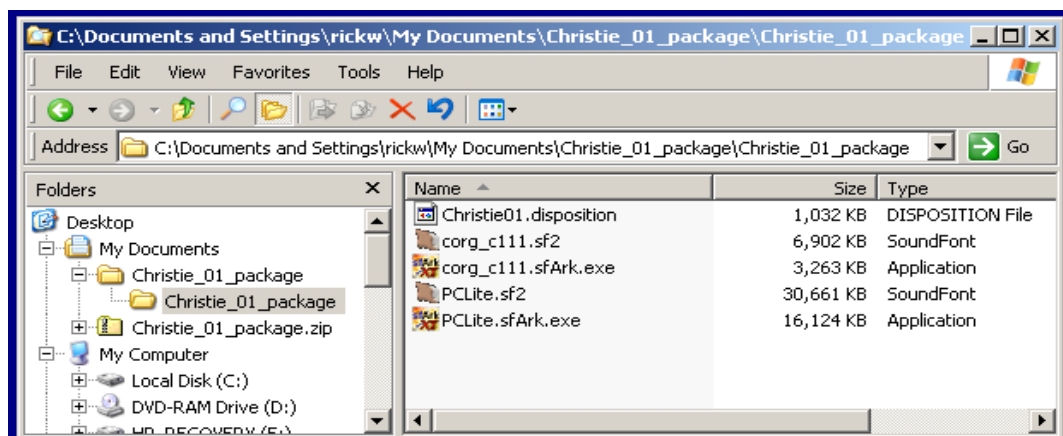
Next you will need to extract the 2 Soundfont files.

Double-click on the first .sfArk.exe file. You will see a black DOS box like the following, and when it is finished you will be asked to “Press ENTER to exit”



Do the same for the second file. The PCLite.sfArk.exe file will take longer than the smaller first file.

Having extracted both files you should now see something like this.

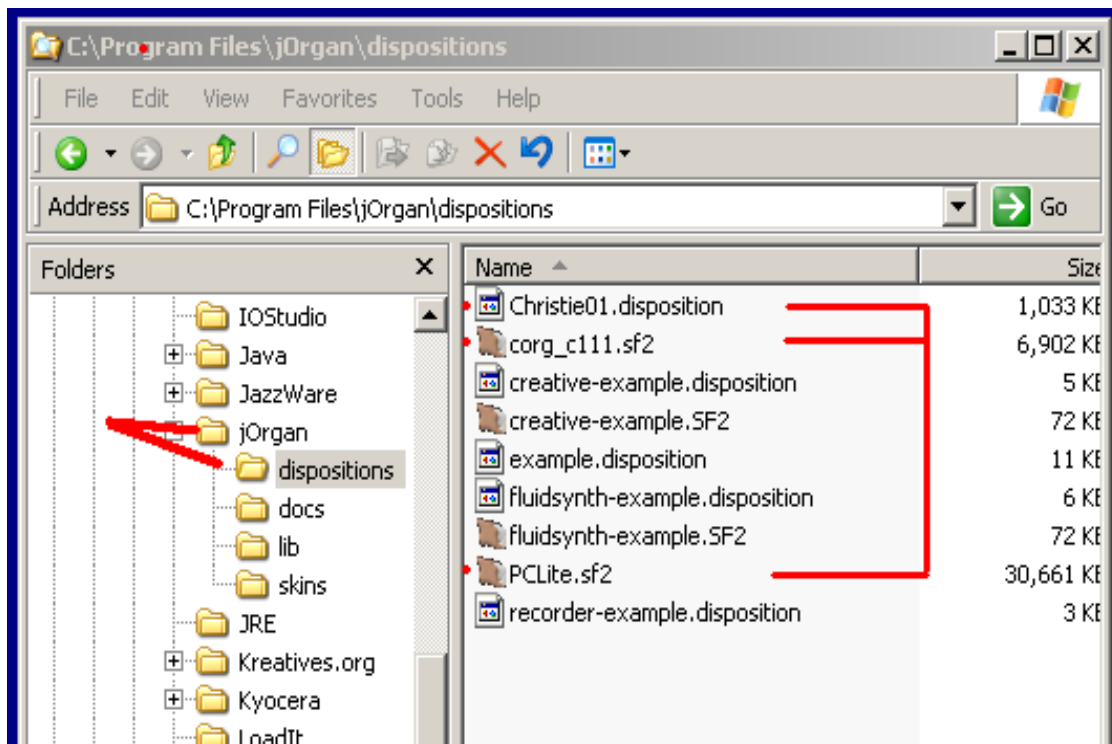


## Position Files

Now “copy” and “paste” three of these files to the “dispositions” folder of your jOrgan installation. Copy across the “Christie01alpha.disposition”, “corg\_c111.sf2”, and “PCLite.sf2” files.

(You don't need the 2 “sfArk.exe” files.)

If you have a complete default new installation of jOrgan, you should see something like this in Windows explorer.



Verify that you have the 3 specific files in your “C:\Program Files\jOrgan\dispositions” folder.

(The positioning of these files as just explained is critical to the successful function of this disposition. The only alternative is the reallocation of file path details in the “Construct” section of the program.)

All jOrgan fluidsynth dispositions require:-

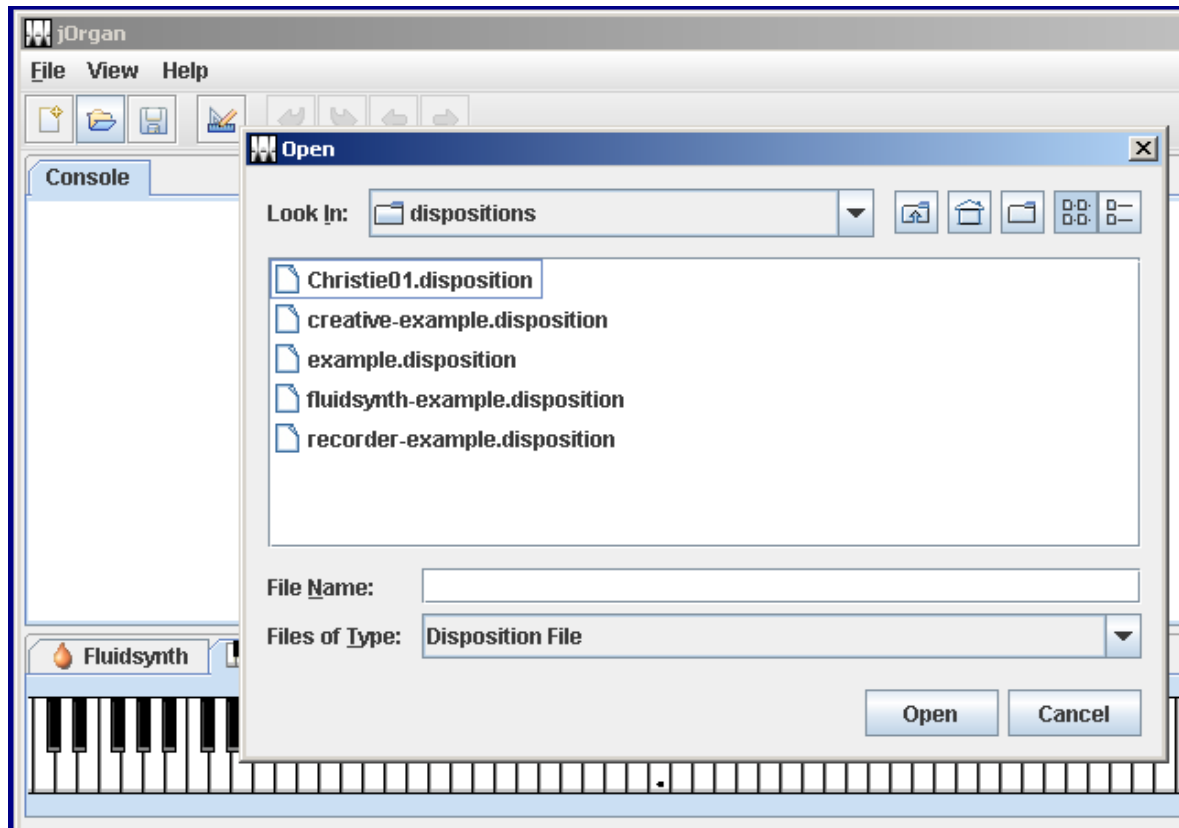
- 1/ a disposition file
- 2/ one or more Soundfont files
- 3/ a skin file

In this case the “Christie” disposition uses the default “theatre.zip” skin file which is included in the Windows installer for jOrgan V3.7. Some dispositions use customised skin files, in which case they must be added and in the correct position. (The skin files provide the graphical items seen on the jOrgan console.)

The Windows path positioning and naming of these files is critical to the configuration of each jOrgan disposition.

## Start jOrgan

You are now ready to start jOrgan. (We will assume that you have previously run jOrgan and have verified that you have sound coming from at least the “fluidsynth-example.disposition”, or regularly play other dispositions.)



### ***Find and Open the Christie disposition***

Click the “Open” folder icon, or go to “File” then “Open”

That will bring up the find file dialogue box as seen above.

With a “first time” installation it is most likely that this find file dialogue box will be looking at your “My Documents” folder by default.

Click the down arrow to the right of the “Look in:” window, and navigate your way to where jOrgan was installed. Most likely “C:\Program Files\jOrgan”. (This “Open” dialogue box will remember this position once you get there the first time.)

Once you get to the “dispositions” folder you will see the file “Christie01.disposition”

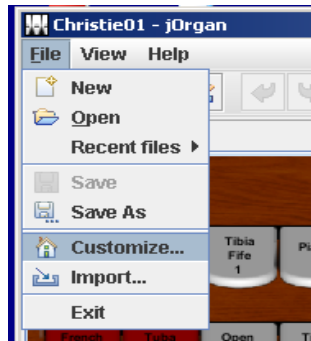
Either double click on this file, or single click on it then click the “Open” button at the bottom right of this dialogue box.

The Christie disposition should now open. (It may take a some time as it loads the Soundfont files into RAM). You should see part of the console come up on your screen.

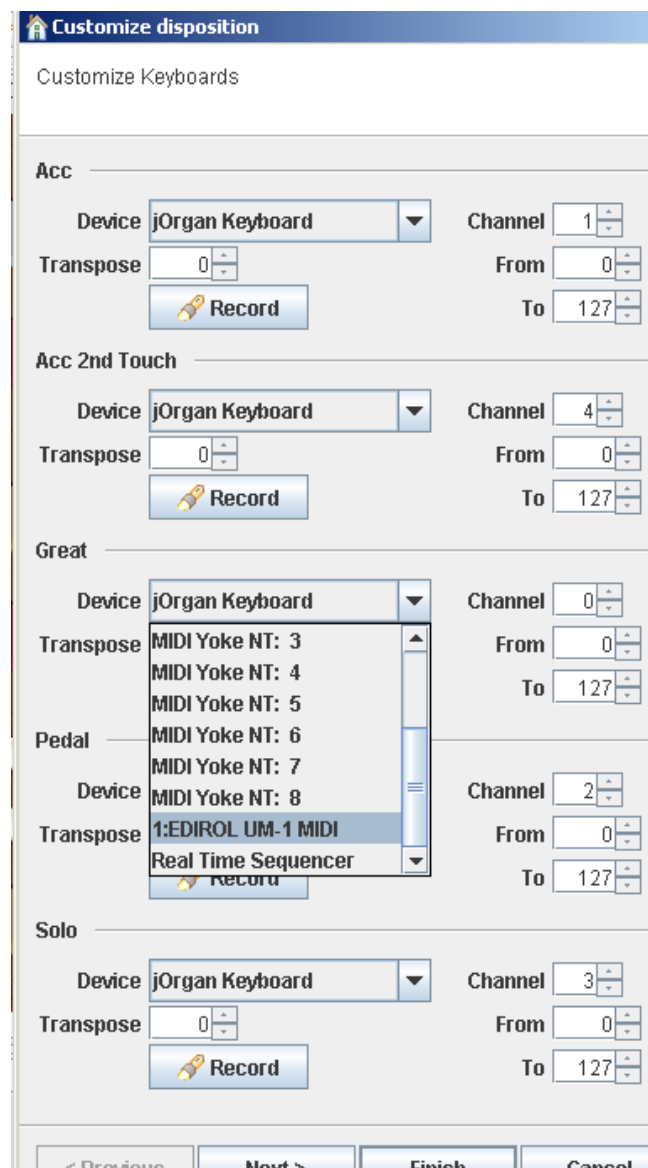
## Customise Midi Input Settings

You are almost ready to play. We just need to “Customise” the MIDI input device settings for your system and you will be ready to go.

Click on the “File” drop-down menu. Then select “Customise”



Now go to the next page. You will now see:



You will only need to do these settings once for your computer and Midi hardware for each disposition. These settings will be remembered when next opening this disposition.

## ***Midi Keyboard Settings “Customize Keyboards”***

This dialogue box enables you to set your Midi input device(s), Midi channels, and even keyboard splitting if you need or want to. Each keyboard available in the disposition is shown here in alphabetical order.

Each keyboard has a drop-down box to select the Midi “Device”. In my case I use the device “1:EDIROL UM:1 MIDI”. Your equipment is probably different. You will notice another option shown is jOrgan Keyboard. This option allows you to experiment with a jOrgan disposition using a keyboard displayed on your computer screen and played single note at a time by your mouse, therefore not needing to connect a Midi keyboard for an initial experiment.

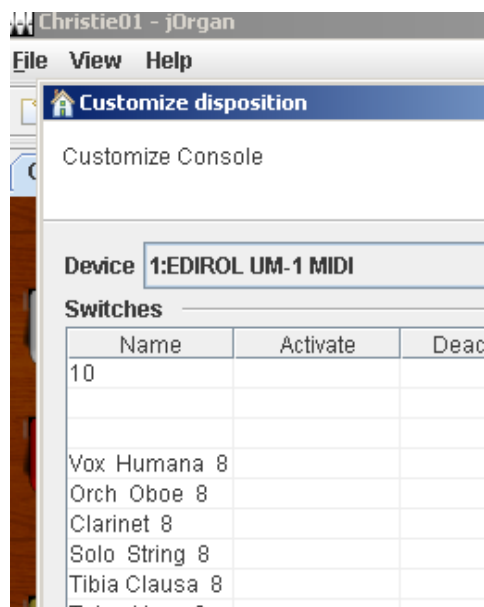
After setting the “Device” you need to set the Midi “Channel” number. Please note that jOrgan shows Midi Channel “1” as “0”, so each channel you think of with its logical number will be one digit less in these jOrgan settings.

The “Record” function is where jOrgan will detect the next Midi input message to automatically allocate a Midi device, channel and range. I believe you need to play every note on the keyboard for it to correctly detect the note range.

It is possible to set the note range manually. This will allow the splitting of a single keyboard to be allocated to two of the disposition keyboards. In this case it is also possible to transpose the pitch of a section of a keyboard up or down to be in a useful, playable range.

## ***Midi Console Controls “Customize Console”***

Click the “Next” button at the bottom of that window to move to the second of three Customisation pages.



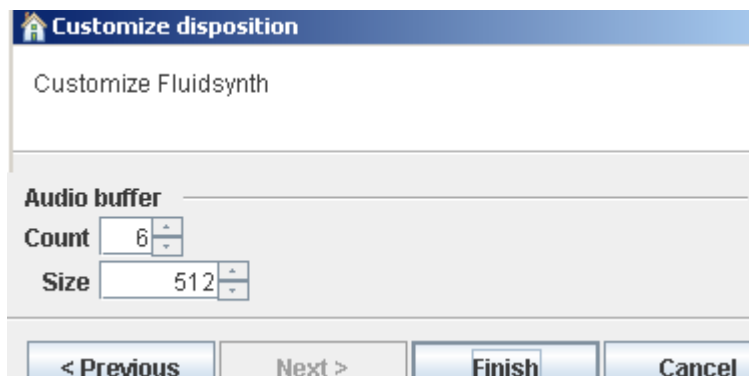
This page allows the set-up of Midi input to “Console” controls. If you have a console set-up with Swell and/or Pistons for another generic Virtual Organ this allows you to select your Midi input device. Don't worry about any other functions on this page at this stage.



Click “Next” again.

## **Fluidsynth settings “Customize Fluidsynth”**

This brings up the third and last Customise page. I have compressed it to fit here. This simply allows two parameters of the Fluidsynth to be set.



I would suggest setting the Audio buffer “Count” value to “6”. Don't change the “Size” from “512”.

Now click “Finish”.

## **Start Playing “Christie”**

The main things should now be in place for the Christie disposition to function on your computer using your external Midi equipment.

Now see the next document for using the unique customised functions in the Christie disposition.

[http://www.tosa-qld.org/vtpo/docs/Christie01\\_user\\_notes\\_091006.pdf](http://www.tosa-qld.org/vtpo/docs/Christie01_user_notes_091006.pdf)

Still to Complete.....

## **Troubleshooting**

### ***Errors detected by jOrgan***

### ***Midi Input Errors***

### ***Keyboards***

### ***Console Functions, Pistons, Swell***