

Editing and Saving Sounds in the Cakewalk TTS-1.

Many Sonar Users will have applications for using and tweaking the high quality General Midi sounds of the Cakewalk TTS-1. This Roland powered Sound Canvas Soft Synth gives great sounds, plus a heap of flexibility to customize the sounds of individual instruments. Here's how you can create user sounds and drum sets by editing the sounds that are built into TTS-1.

To Edit a Preset Sound

1. Click the **Edit** button in the Mixer window.



2. Click the sound name, and select a sound from the menu that appears.



Note that this version of selecting presets shows all of the variation sounds as well as the basic instruments from the 128 in general midi listing.

This is a great time saver, and helps get you the closest sound to what you are looking for, and then you can edit from there.

3. Edit the parameters in the Part Edit window or Rhythm Edit window to create the desired sound.



In this case, I was looking for a slightly sharper sounding clavinet. Adjustments were as follows:

+3 on the **Character** gave a brighter sound

+17 on the Cut off of the low pass **Filter** set a fairly high frequency, and +12 on the **Resonance**, gave an emphasis around that high frequency

+4 on **Bass** gave a little more warmth, and +4 on **Treble** gave the extra cut in the mix.

4. Click the **Preview** button to audition the sound you've created.

This plays a phrase that would be typical of the preset Instrument you have chosen, and helps test out your sound editing.





5. Double-click the sound name.

6. Input a name for the sound into the dialog box that appears. **Note** : The sound name can consist of up to 12 characters. In this case I used abbreviations to get an idea of the sound for future reference.

7. Click OK.

To Save a User Sound

8. Click the WRITE button to access the menu.



9. In the menu that appears, click the location where you want to save your sound.

When the dialog box appears, click OK.

Note that this saving procedure will allow you to use the sound in this session, but there are several steps you may need to follow to have it available in future sessions – see saving and loading banks further down this tutorial.

10. To use the sound in the file you are currently working in, you now have to choose the appropriate bank and patch change from the track view. (If you fail to do this, it is likely that the sound on that channel you have been working on will revert to the original sound when you press play)



To Load a User Sound



1. Click the name field of the Mixer window.

2. Choose either **User Normal** or **User Rhythm** from the menu that appears, to select a user sound that's been saved.

The user sound has now been loaded.

To Save a User Bank to a File

If you wish to save the new sounds you have made using the above process so that they will be available in future, the **User Bank needs to be saved** in a suitable folder on your computer. I suggest establishing a folder where your Sonar Projects are saved, so that saved banks can easily be found for future sonar sessions.



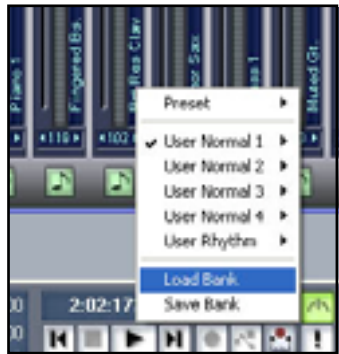
1. Click the name field in the Mixer window.
2. From the menu that appears, choose **Save Bank**.
3. When the dialog box appears, select either User Bank 1, User Bank 2, User Bank 3, User Bank 4, or User Rhythm to choose the bank you intend to save.
4. Click OK.



5. When a dialog box appears, allowing you to specify the location at which the file will be saved, specify the saving location and input a filename.
6. Click Save.

The user bank has now been saved.

To Load a User Bank



1. In the Mixer window, click the name field.
2. From the menu that appears, choose Load Bank.
3. When the dialog box appears, select the file that you want to load.

4. When the Bank Select dialog box appears, select either User Bank 1, User Bank 2, User Bank 3, User Bank 4.



5. When the confirmation dialog box appears, click OK.

The user bank has now been loaded. This means that any sounds you saved into the banks in your folder are now available for use. Because there is no limit to the number of bank files you name and save in your folder, you can save an unlimited number of banks which can be loaded up to five at a time (including a saved User Rhythm Set. In reality, a couple will probably do you for years if managed well.