

VoiceRevoicer Version (2.0)

A software to change voices of voice files for YAMAHA keyboards

1. Introduction

If we play live with a keyboard the sound usually will be generated by the keyboard itself, but if we use the keyboard as Master, which is connected by a MIDI cable with another equipment (Slave), the sound is generated at the Slave. Slave devices are other keyboards, synthesizers or expander. It is not necessary to direct the sound of all MIDI channels to the Slave; some tones may be generated at the Slave, some by the Master.

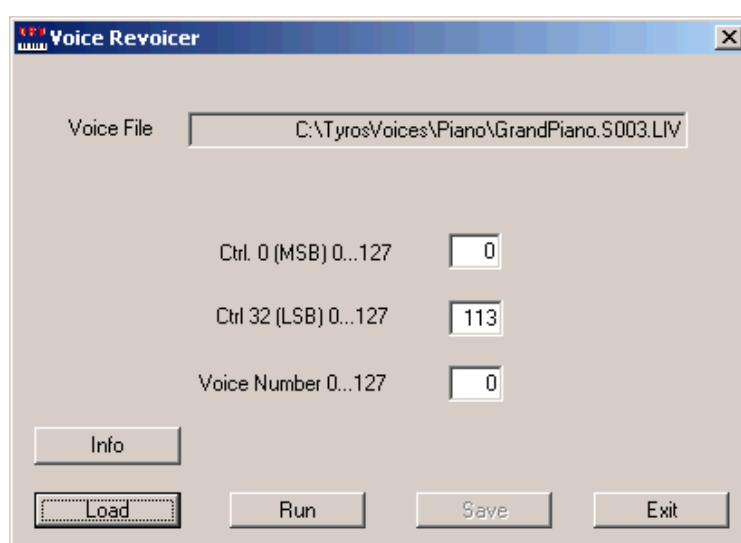
If we use a Yamaha keyboard as Master and a synthesizer as Slave, we get a problem, if voice events are sent from the Master and the Slave cannot perform the voice changes because the Master voice is not implemented. Our aim is, to induce the Master to send voice events of native Slave voices.

The software VoiceRevoicer solves the problem for Yamaha keyboards as Tyros and later models. These keyboards allow to copy native voices into files, the voicefiles, which can be used as uncopied voices. The files contain effect controller, effect SysEx and events to address the basic voice by MSB (Ctrl. 0), LSB (Ctrl. 32) and voice#. It is possible to change the effects with the SoundCreator of the keyboard but not the voice. Sequencer software is not able to save correct voice files; except the old Yamaha sequencer XG Works.

The VoiceRevoicer is able to exchange in voice files the basic voice of the Master by a specific voice of the Slave. The new voice file is selected for a voice part, for example RIGHT1. In the MIDI setup RIGHT1 has to be assigned to external play via MIDI. Then a live play at the Master results in sound-generation of a sequencer specific voice.

2. Operating Instructions

The first step is to load a voice file, which is created by a copy of a voice at the Master keyboard. After this the program window looks like the picture.



Here we have used a copy of the Live!GrandPiano from the Tyros. MSB, LSB and Voice number of this voice are displayed in three input boxes. If we want to exchange this voice for example by the Slave voice MSB=63, LSB=1,voice#=1 , we have to overwrite the content by the new values. "Run" performs the action and "Save" creates the new voice file. It is recommended to use a new file name and the file extension .vce.

While the new voice is connected with old effect events we want to change the effects. This can be done by the SoundCreator or by XG Works.

3. Final Remarks

The VoiceRevoicer is Freeware.

The software can be downloaded from <http://www.heikoplate.de/mambo> only.

VoiceRevoicer may not be published for download on other web sites. Commercial firms are not allowed to produce storage media with the software without any contact to the author.

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