

## miniMusic MixPad 1.0

### Installation

Install "MixPad.prc" and any sample songs (ending with ".mid.pdb") onto your handheld or phone during your next HotSync. See the instructions that came with your Palm Desktop software to see how to best install new applications onto your handheld.

### Playback Options

MixPad supports several playback options. To change the playback format choose 'Preferences' from MixPad's Options menu. On the Preferences screen you will see a "Play To:" pop-up menu.

"Play To: Basic Sound" is not currently enabled. It only allows a single note to play at a time, missing majority of most MIDI files.

"Play To: Serial Port" will send playback to attached electronic music hardware (like a sampler, synthesizer or keyboard) using MIDI. Your handheld must allow for a serial connection (it cannot host a USB connection).

"Play To: Sound Card" will use either the Beat Plus Springboard module for polyphonic playback, or the sound chip built into some Sony Clie models (T, TG, NR, NX, and NZ models) or the Tapwave Zodiac.

"Play To: Kriket Synth" will use a built-in software synthesizer to play polyphonically (many notes played simultaneously). See the Kriket Synth section on page 4 for more details.

### Support

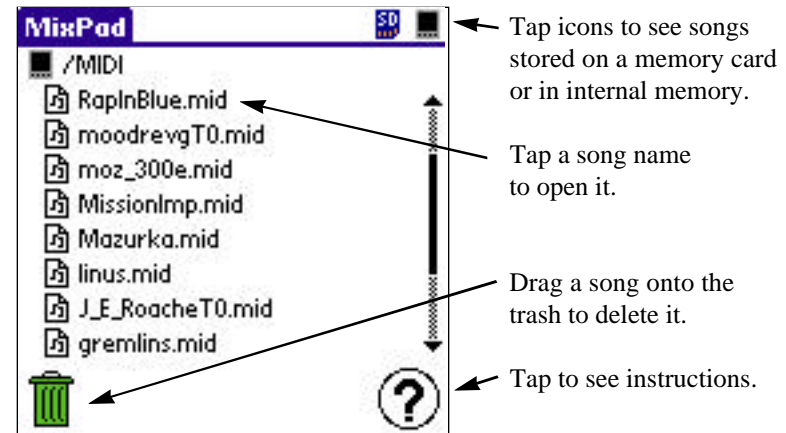
If have any questions or problems with MixPad, please let us know at [support@minimusic.com](mailto:support@minimusic.com).

### Sample Songs

Feel free to install the sample songs: Barcelona, Cool Thing, Deadend Street and Air On A G-String. These sample MIDI files were provided by MidiMart.net and many more can be found on their website ([www.midimart.net](http://www.midimart.net)) and elsewhere.

## MIDI Files

MIDI is an industry standard format for sending music performance information between electronic devices. MIDI files do not contain any recorded sound, just precise instructions about how to perform the music. Many free MIDI files you will find on the internet contain very basic instructions, but more sophisticated files contain subtle nuances captured by a trained musician: the air pressure applied to a wind instrument, how hard a piano key is struck, or the slight bending of a guitar string. MIDI files continue to be used in professional music concerts and other live performances.

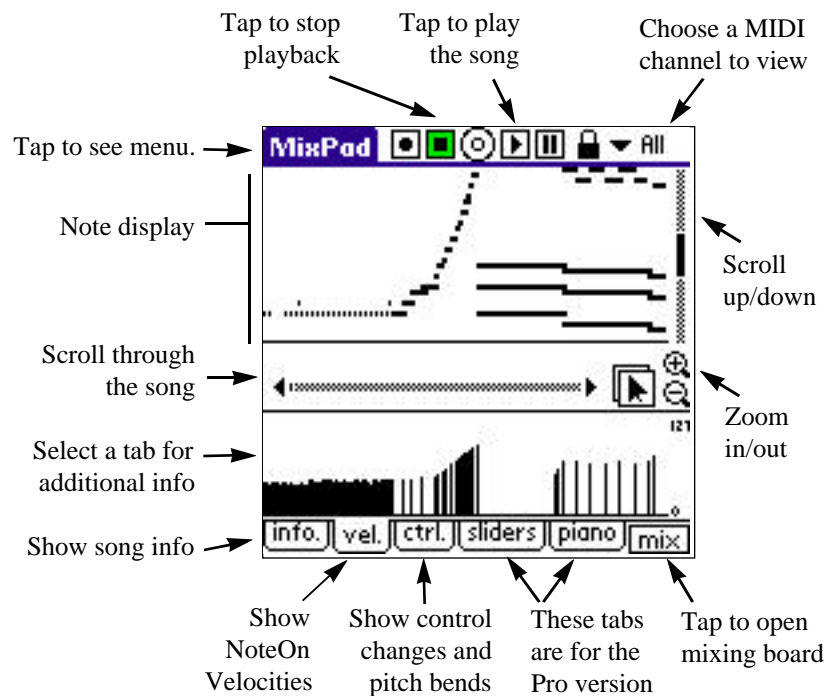


### Library Screen

When you first launch MixPad it will open in the Library Screen showing all of the MIDI files available. If you have a memory card inserted, MixPad will create a "MIDI" folder on the card. You should put your MIDI files into this folder for MixPad to find them.

You can also have MIDI files in the internal memory, or "RAM", of your handheld or phone. The sample songs included with MixPad can be installed into RAM. Tap on the icons in the top right corner to switch between the memory card and RAM.

Tap on a song name to open it. Drag a song stored on a card onto the RAM icon to copy it (not available in the free demo).

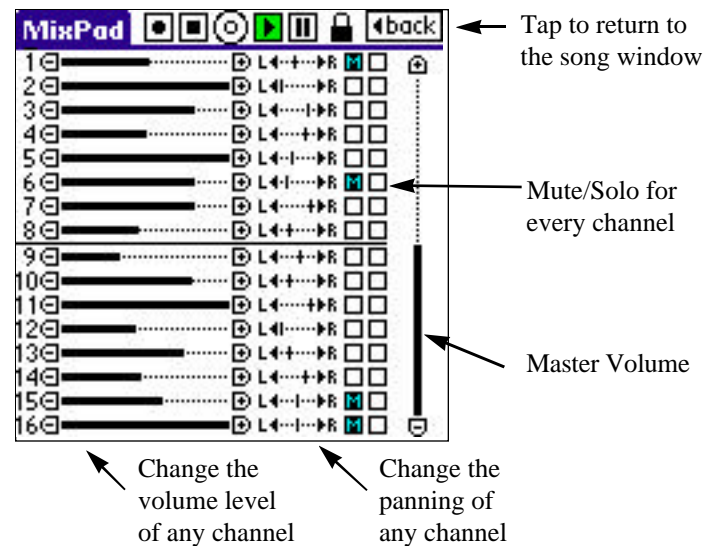


## Song Screen

When you open a song, MixPad displays the notes and other MIDI events graphically. You can scroll through the song, scroll up and down through the pitches, zoom in or out and control playback of the song from here.

The Tool icons, lock icon, record button, "sliders" and "piano" tabs are only usable in the Pro version of MixPad. The pause button will only work in "Play To: Kriket Synth" mode.

You can change the Playback Mode by choosing "Preferences" from the Options menu.



## Mixing Board

MIDI data is always divided into 16 channels. Each channel can be set to a different volume and panning. Drums are usually on channel 10.

The mute and solo controls will send temporary channel volume changes for the desired effect. If a file contains channel volume changes, these will override your settings. The master volume slider on the right only affects playback on the Kriket Synth.

## Kriket Synth

Oscillators are used to generate the rich polyphonic sound. Faster handhelds can handle more oscillators. Choose "Kriket Settings" from the Options menu to change the number of oscillators or other settings for the synthesizer. If your handheld or phone has over a 200mhz CPU it should be able to run 32 oscillators (the default), but older handhelds will need to be set lower (16 oscillators or fewer) for smooth audio. Please listen with headphones for the best experience.