Gloria 3 MIDI Instructions

GLORIA MIDI Files Specs :
If someone wants to just add a few random songs, they can do anything they want, and download it into Gloria.
If they want it to play with the normal Gloria features, they need to assign various parts to the proper channels. See Bernie's email from June 23. If someone wants to compile a complete hymnal, like the Romanian project, there is a lot more involved, to include the intros, key changes, and final stanzas, etc.
The files used are **Type 1 MIDI**
We will begin with creating new MIDI files of the hymns in the Celebration Hymnal. The primary or "p" version of the song will be the orchestrated (or modern) version of the song. The alternate or "a" version of the song will be the traditional piano/organ version. Usually both versions shall be created. The default will be the "p" version.
The music will dictate the file size required for a song and could grow to 80-100K or more for some longer or more complex songs. Average size per hymn will most likely be around 40K.
The MIDI channels will be mapped as follows:

MIDI Channel	Description	User can modify patch	Gloria Button assignment	Variable Pitch
1	Soprano (S)	Yes	Soprano	Yes
2	Alto (A)	Yes	Alto	Yes
3	Tenor (T)	Yes	Tenor	Yes
4	Bass (B)	Yes	Bass	Yes
5	Piano/Organ	Yes	Accompaniment	Yes
6	Orchestra	No	Accompaniment	Yes
7	Orchestra	No	Accompaniment	Yes
8	Orchestra	No	Accompaniment	Yes
9	Orchestra	No	Accompaniment	Yes
10	Drums	No	Drums	No
11	Orchestra	No	Accompaniment	Yes
12	Orchestra	No	Accompaniment	Yes
13	Orchestra	No	Accompaniment	Yes
14	Orchestra	No	Accompaniment	Yes
15	Orchestra	No	Accompaniment	Yes
16	Orchestra	No	Accompaniment	Yes

Any MIDI channels assigned to a particular Gloria button can be separately soloed or muted. The volume can be adjusted separately for each button, or for the song as a whole. The default volume will be 100% and be adjustable downward. The tempo will be determined by the MIDI song files

and can vary within each song's files. The overall tempo adjustment will change the tempo up or down for the entire song by a user selected amount.

Whenever an Intro is used, it will contain MIDI data on tracks 1-4 to assist the singers' entrance. A special MIDI control (22) event will be inserted in the last tick of the last bar of each MIDI file for proper looping. This event will be replaced with the end of track marker during final compile. The file naming convention will be as follows:

The filename will contain exactly 8 alphanumeric characters followed by a 3 letter extension. The first two characters shall specify the hymnal (Celebration = CE, Celebramos = CS, Military = MI). Characters 3-6 shall designate the 4 digit hymn number with leading zeroes. Character 7 shall be either P (primary) or A (alternate). Character 8 shall be I (intro), M (main), P (penultimate), L (last), F (fanfare or other) or K (keychange). The 3 letter extension shall be "mid" for MIDI.

An example file name of the orchestral main stanza for hymn 346 in the Celebration Hymnal would be: ce0346pm.mid

When you connect Gloria to the USB, sometimes a window pops up. Otherwise, in the Start menu click on Computer, and then on Removable Disk (G:).   '[Might be some other letter, depending on your system,]

You should see a MIDI folder. Copy your MIDI file into that folder.

The file should be named according to the name you want to show up on the LCD when you select USER SONGS.

It can be up to 20 characters long, since that is what the LCD can show.

Remember that if you want the SATB/Chords keys to work right, the MIDI file needs to be recorded with the SATB notes recorded on tracks 1-4, and the chords on track 5.

The file will play regardless of which tracks the notes are assigned to. You just won't have the usual options.