

User Manual

SongBook+



Version 4.0

(Document Revision 2)



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1 SongBook+ settings

1. Press this button to go to settings.

2. Some important settings can be found right at the top of the first section.

3. Other settings grouped by the topic can be found below.

4. When you switch on the "Live Mode" switch, most of the settings will be hidden and many controls not necessary during live operation will be deactivated. This way SongBook is secured against accidental editing during the gig.

SongBook + automatically adjusts the language to the language set in the iPad.

If you prefer a different language, you will find a corresponding setting in the 'Other' section.

2 Inserting files into SongBook+

Before getting started, the files (PDF, TXT, ChordPro, music, midi or video files) that you want to use in SongBook+ have to be copied into the SongBook+.

Various ways to can copy files into SongBook+ are shown below:

2.1 With the Finder (Mac Computer)

On newer Mac computers (after introduction of the macOS 10.15 "Catalina" operating system version) the "Finder" program is used for inserting the files into the SongBook+.

If you have a Windows PC or a Mac with an older operating system, please see in the next chapter how it is done using "iTunes".

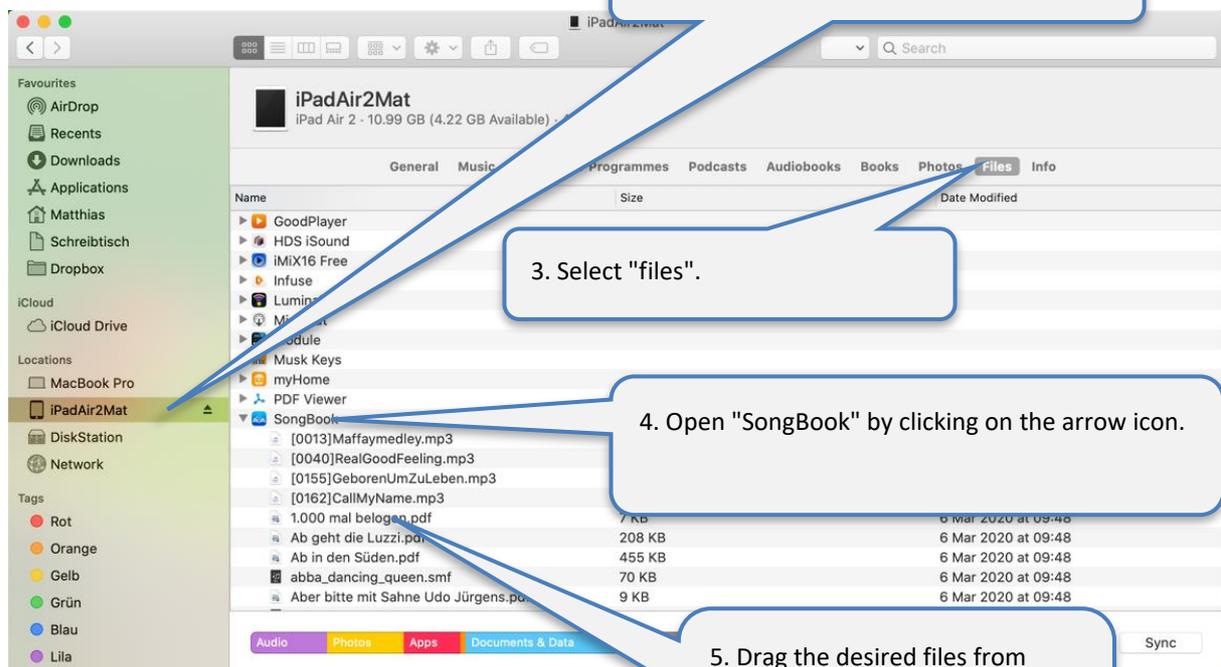
1. Connect the iPad to your Mac using the USB cable and start the "Finder" on your Mac

2. Press on the iPad/iPhone.

3. Select "files".

4. Open "SongBook" by clicking on the arrow icon.

5. Drag the desired files from another Finder window to this area.



2.2 With iTunes (Windows PC and older Mac computers)

With Windows PC or older Mac computers, you can use the iTunes program to insert files into SongBook+ as follows:

1. Connect the iPad to your Mac using the USB cable and start the iTunes program on your computer

2. Press on iPad/iPhone.

3. Select "File Sharing".

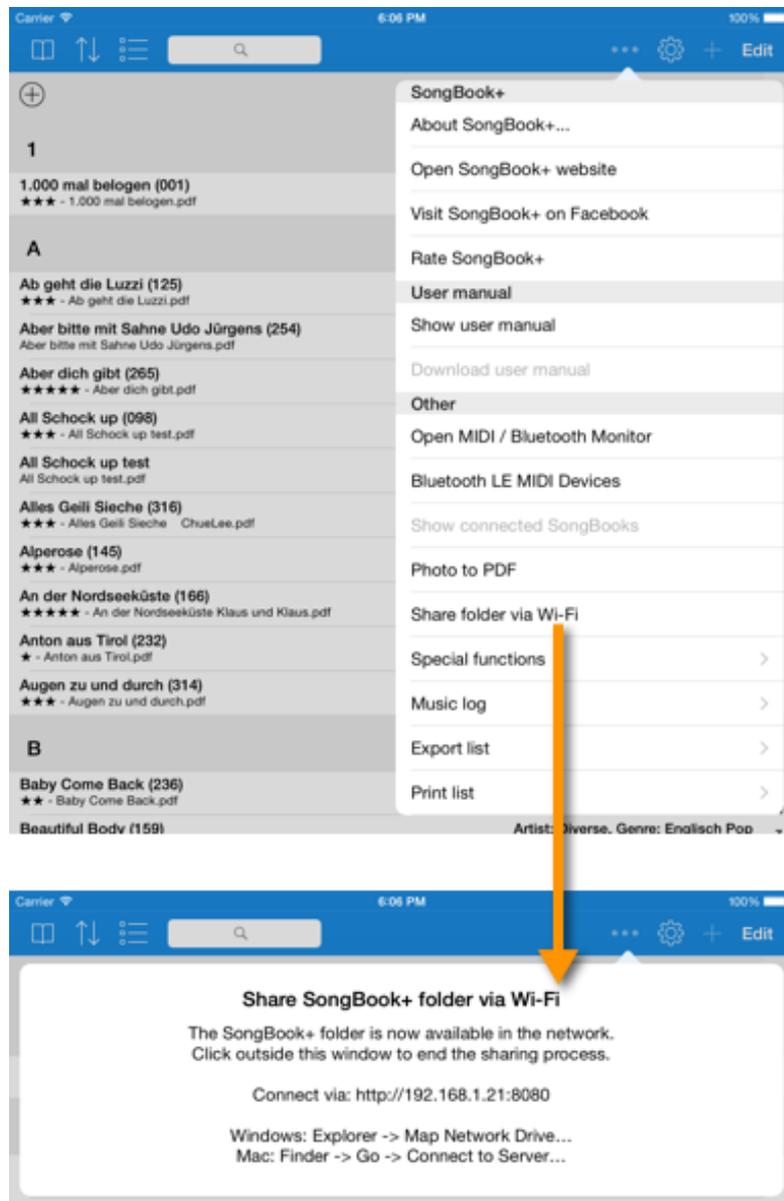


4. Select "SongBook"

5. Press "Add..." and then select the files on your computer that you want to add.

2.3 With Wi-Fi-sharing (Windows PC, Mac Computer)

You can temporarily share the SongBook+ folder via Wi-Fi and then wirelessly access it from a computer without iTunes on it.



2.4 Without using any additional computer, via “Import files”

Using the “Import files” function, files can be imported into the SongBook from a USB stick, your preferred cloud app or even a server directly from SongBook+.



Note on the use of USB sticks:

Depending on the iPad model and USB stick, you may receive an error message that the USB stick requires too much power and cannot be used.

In such cases, an active USB hub with power supply may be used.

2.5 Without additional computer, using the "Files" app

With the Files app, you can copy files to SongBook from a USB stick, your favorite cloud app, or even from a server.

1. Open the "Files" app. (Preferably keep the iPad in landscape orientation.)

3. Select "On my iPad".

2. Select the "Browse" tab.

4. Long press "SongBook" and then select "Open in new window".

The window divides in half. On the right you can see the content of SongBook+.

5. On the left side, open the folder in which the files to be copied can be found (in your preferred cloud app, a USB stick or on the network).

Drag the files to be copied onto the right side of the SongBook.

Note on the use of USB sticks:

Depending on the iPad model and USB stick, you may receive an error message that the USB stick requires too much power and cannot be used.

In such cases, an active USB hub with power supply may be used.

2.6 Importing files from mail or other applications

You can import PDF, music, or video files from any other apps that can create or download such files and use "Open in..." to transfer it to another app.

The following illustration shows as an example how you can import a PDF from an mail attachment:

Note:
If SongBook is already running in the background, it should be in normal list view and should not show a song or a dialog window!

1. Press on the PDF continually until a popup appears; then select "Open in SongBook".

2. SongBook+ appears. Change the file name if necessary and then press "Import".

3. The imported file appears in the "Unused files" section.

3 Inserting unused files into the song list

After inserting PDF, music or video files into SongBook, they appear as “Unused Files”.

3.1 Inserting files manually

By following the steps below you can transfer them into the song list and provide additional information like title, artist, genre and MP3 file to play in the background.

1. Press “Edit”.

2. Press the “+” sign.

3. If necessary, change the title.

4. If you have numbered your songs, enter their numbers here.

5. You can enter here some short additional information that, for example, will be displayed during the preview of this song.

6. Enter the name of the artist and the genre or select the existing ones from the list.

7. If you want to playback one or more audio files, and/or a midi or video file, select them here.

8. Press “Save”.

9. Insert another song using the “+” sign or press “Done” to finish.

4 Using the song list

The screenshot shows the SongBook+ app interface. At the top, there is a blue header bar with a search bar and an 'Edit' button. Below the header, the main content area displays a list of items. The first section is 'Unused Files', which contains PDF documents. Below this, the song list is displayed, grouped by the first letter of the title, artist, or genre. A vertical index on the right side allows for quick scrolling and alphabetical access. Callouts provide instructions on how to use various features, such as selecting the order of the song list, searching for songs, toggling between document views, and using the index.

Carrier [signal strength] [Wi-Fi] [battery icon] 100%

Tap here to select the order of the song list.

If you type text into the search bar, only songs containing this text in the title are displayed.

Unused Files

Du entschuldige.pdf

1

1.000 mal belogen (1.000 mal belogen.pdf)

★★★ - 1.000 mal belogen.pdf

A

Ab geht die Luzzi (125)

★★★ - Ab geht die Luzzi.pdf

Udo Jürgens (254)

Jürgens.pdf

Alles Geili Sieche (316)

★★★ - Alles Geili Sieche ChueLee.pdf

Alperose (145)

★★★ - Alperose.pdf

An der Nordseeküste (166)

★★★★★ - An der Nordsee Klaus und Klaus.pdf

Anton aus Tirol (238)

★ - Anton aus Tirol.pdf

Augen zu und durch (314)

★★★ - Augen zu und durch.pdf

B

Baby Come Back (236)

★★ - Baby Come Back.pdf

Blue Spanish eyes (15)

★★★ - Blue Spanish eyes.pdf

C

The section "Unused Documents" contains PDF documents added with iTunes but not yet added to the song list.

The other sections contain the song list grouped depending on the selected order (first letter of the title, artist or genre).

You can use the "+" to toggle between "Unused Documents" and "All Documents".

The index on the right side allows quick scrolling and quick alphabetical access in the song list.

Tip: Try to tap and move your finger here.

Press and hold a line for a long time to open a context menu with actions that can be performed on the selected entry.

Deutsch Pop

11 Nrpn 1/2-3/5

Deutsche Schlager

Deutsche Schlager

04:01, MIDI ↓ Ch1 Bnk 0/0 Pg 1

Artist: Elvis Presley, Genre: Deutsche Schlager

MIDI ↓ Ch1 Bnk 7/3 Pg 11

Artist: Diverse, Genre: Deutsch Pop

MIDI ↓ Ch1 Bnk 1/1 Pg 71

Artist: Polo Hofer, Genre: Mundart

MIDI ↓ Ch1 Bnk 0/0 Pg 1

Artist: , Genre:

MIDI ↓ Ch1 Bnk 3/0 Pg 1

Artist: Ötzi, Genre: Deutsch Pop

MIDI ↓ Ch1 Bnk 8/3 Pg 16

Deutsche Schlager

D MIDI ↓ Ch1 Bnk 0/0 Pg 9

Genre: Englisch Pop

MIDI ↓ Ch1 Bnk 0/0 Pg 10

Genre: Englisch Pop

MIDI ↓ Ch1 Bnk 0/0 Pg 13

Artist: , Genre:

MIDI ↓ Ch1 Bnk 15/5 Pg 12

Artist: Paloma, Genre: Deutsche Schlager

MIDI ↓ Ch1 Bnk 0/0 Pg 14

Artist: , Genre:

MIDI ↓ Ch1 Bnk 7/6 Pg 6

5 Editing song details

1. Press "Edit".

2. Tap the song you want to edit in the list.

3. Edit the song details.

4. Press "Save".

5. Tap another song to edit or press "Done" to finish editing.

The screenshots show the following details:

- Screenshot 1:** Song list with 'Edit' button in the top right.
- Screenshot 2:** Song list with '1.000 mal belogen (001)' selected.
- Screenshot 3:** 'Edit song details' form for 'Aber bitte mit Sahne Udo Jürgens' with fields for Title, Artist, Genre, Code (254), and Quick song info.
- Screenshot 4:** Song list with 'Done' button in the top right.

6 Displaying a PDF document and scrolling in the document

A

Ab geht die Luzzi (125)
★★★ - Ab geht die Luzzi.pdf

Aber bitte mit Sahne Udo Jürgens (1957)
Aber bitte mit Sahne Udo Jürgens.pdf

Aber dich gibt (265)
★★★★★ - Aber dich gibt.pdf

Artist: Diverse, Genre: Deutsche Schlager
04:01, MIDI/CH

Tap a song in the list with your finger and the PDF will be displayed.

Press the "Play" button to play recorded page turns, finger pointer or mp3.

Tap the „X“ button to go back to the song list.

Tap anywhere in the document to show or hide the toolbar (button bar).

Tap the "...“ button to see the menu for more options like recording page turns or finger pointer.

Swipe your finger(s) to the left (or up):

One finger:
Go to next page.

Two fingers: (*)
Press "Play" button.

Three fingers: (*)
Go to next song in play list

Swipe your finger(s) to the right (or down):

One finger:
Go to previous page.

Two fingers: (*)
Press "Stop" button.

Three fingers: (*)
Go to previous song in play list

(*)
The swipe gestures with two or three fingers can be changed in the settings.

In addition, there are customizable gestures for tapping with two or three fingers.

Zoom in and out with two fingers.

Use the small scroll at a fast speed.

1 of 5

7 Preselecting next song without closing the current song

The screenshot shows the SongBook+ app interface. At the top, there's a blue header with the title 'Alperose >'. Below it is a search bar and a toolbar with several icons. The main area displays a list of songs, with the current song 'Alperose' highlighted in blue and marked with a play icon. The next song, '254: Aber bitte mit Sah...', is highlighted in green and marked with a play icon. A callout points to the 'Next song' section, explaining that it displays the next song and is highlighted blue with a pause icon. Another callout points to the '254: Aber bitte mit Sah...' entry, explaining that it is highlighted green with a play icon. A third callout points to the 'Alperose' entry, explaining that it is highlighted blue with a play icon. A fourth callout points to the toolbar, explaining that tapping a button opens a list with the same content in the same order as selected in the song list in the main overview. A fifth callout points to the 'Alperose' entry, explaining that when you select a song in the list, the list disappears and the button in the toolbar is set to this song. You can then jump to the next song by pressing this button. A sixth callout points to the 'Alperose' entry, explaining that when you are in a playlist, you can toggle between the playlist and the overall list by pressing this button to select also a song that is not in the current playlist yet. A seventh callout points to the toolbar, explaining that it is also possible to sort, filter and select a playlist here. At the bottom, there's a 'Next song: Alperose' indicator and a '1 / 5' page indicator.

If the next song is already known, it is displayed in the first line of the table and in this button in the toolbar.

In addition, it is highlighted blue and marked with a pause icon in the list.

The currently playing song is highlighted green and marked with a play icon in the list.

If you are using playlists, the next song is automatically set to the next song in the playlist.
(Optionally, this can be disabled.)

When you select a song in the list, the list disappears and the button in the toolbar is set to this song. You can then jump to the next song by pressing this button.

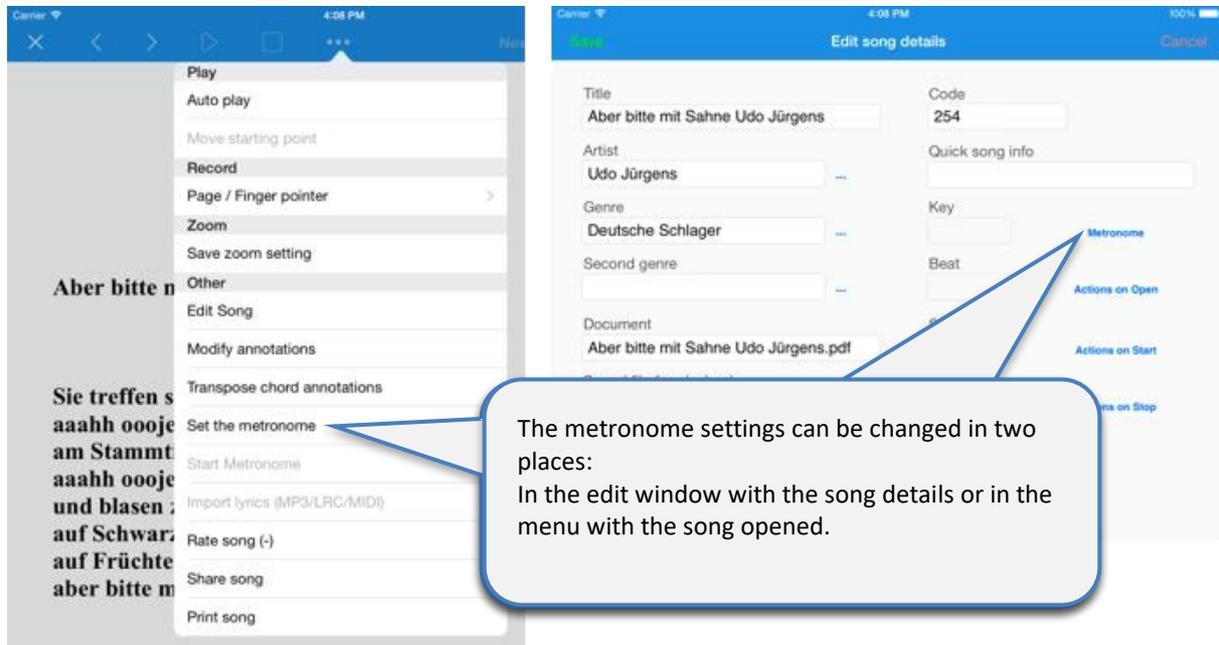
Depending on the settings, the next song will open automatically when the playback of the current song ends.

It is also possible to sort, filter and select a playlist here.

Tapping this button opens a list with the same content in the same order as selected in the song list in the main overview.

When you are in a playlist, you can toggle between the playlist and the overall list by pressing this button to select also a song that is not in the current playlist yet.

8 Using the metronome



You can enter the desired values directly in the text fields.

Metronome

Speed bpm (0 = OFF)

Accent every x beats (0 = no accent)

Start delay in milliseconds (0 = immediate start)

Automatic stop after x beats (0 = don't stop)

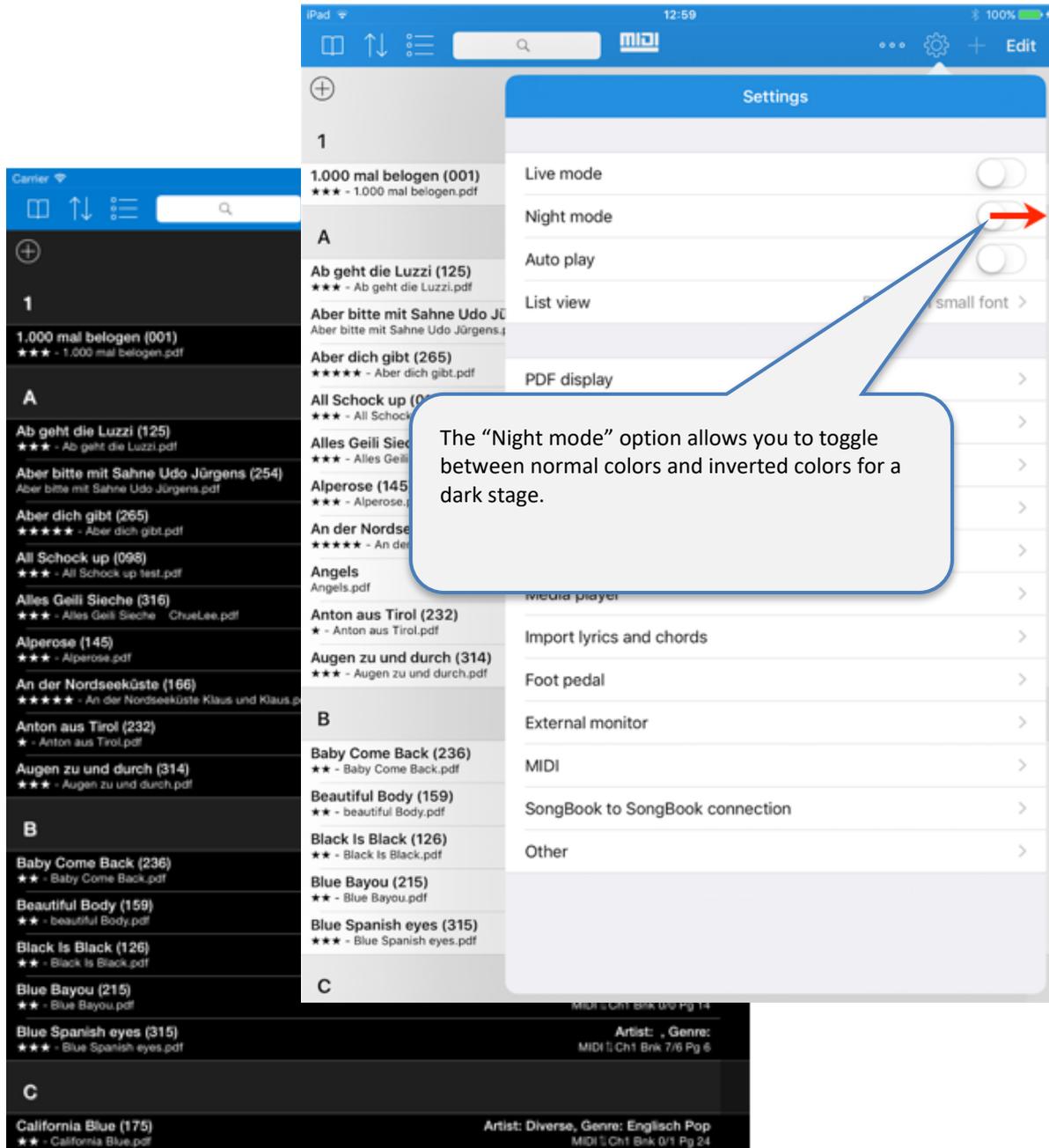
Clicks before start (0 = don't start in advance)

[Tap here to learn speed](#) [TEST](#)

Tap here to the beat of the music in order to learn the speed.

Press here to listen to the result.

9 Use of night colors



10 Recording scrolls automatically

In the document display, first press the “...” button, then select “Page / Finger pointer” and finally press “Record scrolls”.

Confirm and start recording using this button.

Use the arrow buttons or swipe your finger to scroll. You can also use a foot pedal to show the next page.

Important note:
 Page turns are always recorded in full page, even if you have configured SongBook+ for scrolling instead of page turns. SongBook+ then calculates the right speed for scrolling.

Press the “Stop” button to stop recording.

All Shook Up
 Presley, Elvis

A well I bless my soul
 Whats wrong with me?
 Im itching like a man on a crazy tree
 My friends say Im actin w... a bug
 Im in love
 Im all shook up
 Mm mm oh, oh, yeah, y...

11 Recording finger pointers in the “Karaoke style”

In the document display, first press the “...” button, then select “Page / Finger pointer” and finally press “Record finger pointer”.

Confirm and start recording using this button.

Press the “Stop” button to stop recording.

Point with a finger where you want to see later the red dot during playback.

You can define a small offset between your finger and the red dot in the settings.

12 Inserting/editing/deleting annotations

Carrier 10:59 AM

Next song

All Shook Up
Presley,
A well I b
Whats w
Im itchin
My friend
Im in lov
Im all sh

Play
Auto play
Move starting point
Record
Page / Finger pointer
Zoom
Save zoom setting
Other
Edit Song
Modify annotations

Press "Edit annotations" to begin inserting/editing/deleting annotations.

Carrier 11:02 AM 100%

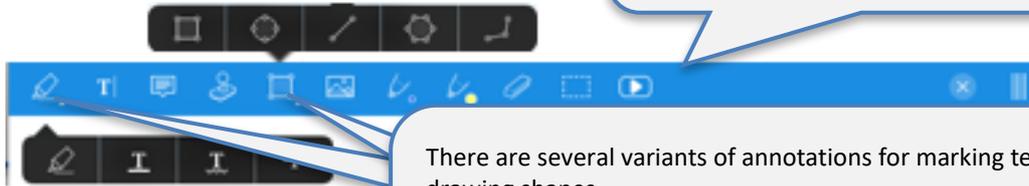
All Shook Up
Presley,
A well I b
Whats wrong with me?
Im itching like a man on a fuzzy
My friends say Im actin wild a
Im in love
Im all shook up
Mm mm
My hands
I cant see
Who do you
Im in love
Im all shook up
Mm oh, oh, yeah, yeah!
Please dont ask me whats on my mind
Im a little mixed up, but Im feelin fine
When Im near that girl that I love best

Press "x" to finish editing the annotations.

You can move the toolbar to this bar and then position it left, right or at the top.

12.1 Inserting annotations

First, select what you want to add as an annotation and then insert it at the desired position in the document.



There are several variants of annotations for marking text and for drawing shapes. (You can tell that from the small arrow in the corner of the button.)

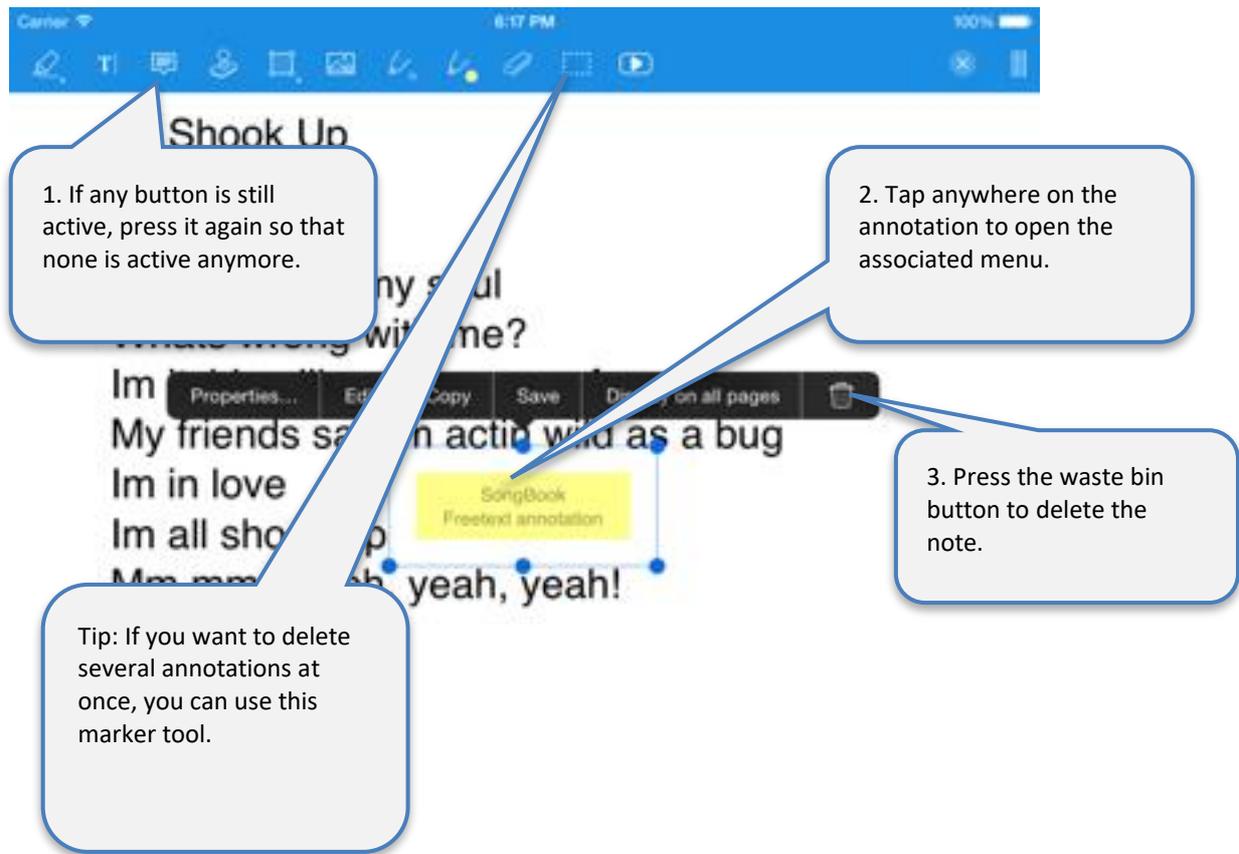
If you press and hold the button, a menu will open where you can select the desired variant.

The screenshot shows a page from a songbook with the following lyrics and annotations:

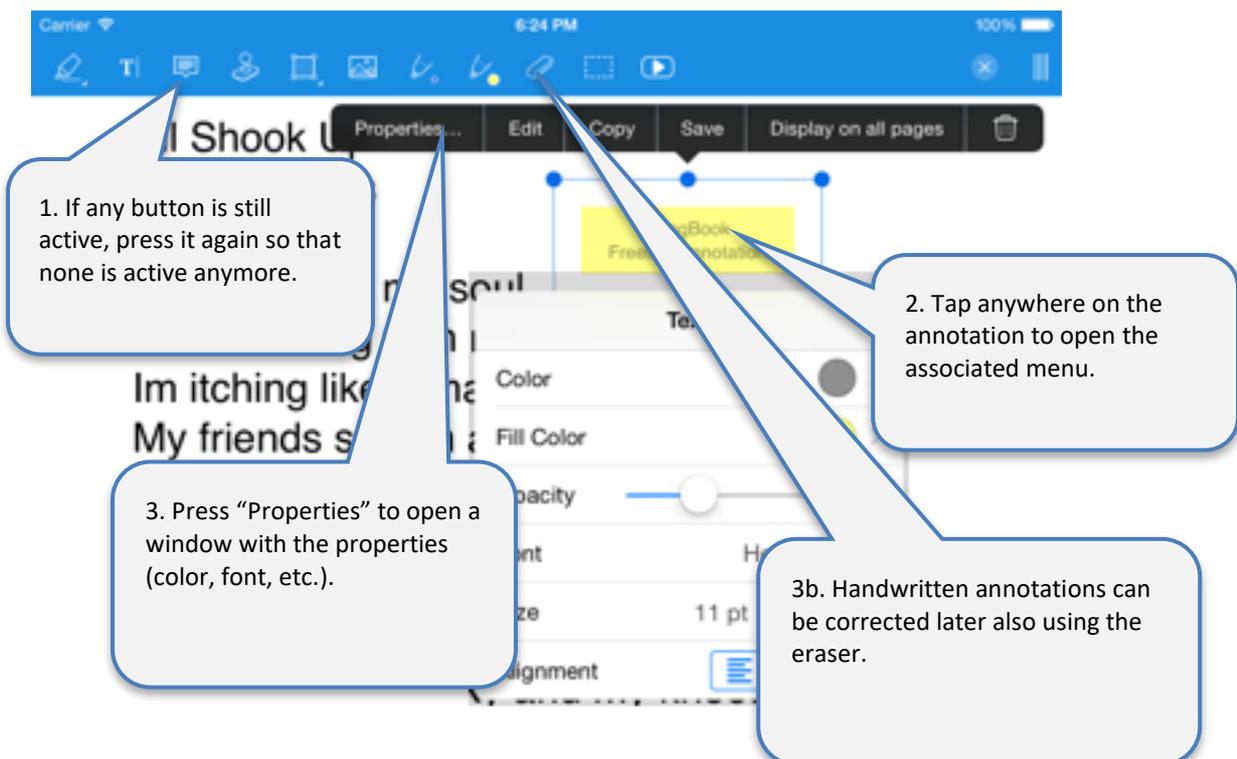
- 1: Points to the first line of lyrics.
- 2: Points to the second line of lyrics.
- 3: Points to the third line of lyrics.
- 4: Points to the fourth line of lyrics.
- 5: Points to a text annotation box containing "Text annotation SongBook".
- 6: Points to a pink star-shaped drawing annotation.
- 7: Points to a blue wavy line drawing annotation.
- 8: Points to a blue rectangular text annotation box containing "Im in love".
- 9: Points to a red circle annotation around the words "do you thank wh... you have such luck?".
- 10: Points to a green arrow annotation pointing to the lyrics.
- 11: Points to a purple star-shaped drawing annotation.
- 12: Points to a yellow highlight annotation on the words "Im itching".
- 13: Points to a blue highlight annotation on the words "actin wild".
- 14: Points to a yellow highlight annotation on the words "yeah, yeah!".
- 15: Points to a blue wavy line drawing annotation.

Other visible elements include a toolbar at the top with icons for drawing and text, a button labeled "My button", a treble clef, musical notes, and a grid.

12.2 Delete annotations



12.3 Editing Notes



Tip for chord annotations:

If you adjust a chord annotation this way (color, size, etc.), make sure that all other chord annotations in the same song look the same.

12.4 Copying annotations

Carrier 6:32 PM 100%

Shook U Properties... Edit Copy Save Display on all pages

1. If any button is still active, press it again so that none is active anymore.

2. Tap anywhere on the annotation to open the associated menu.

3. Press "Copy" to copy the annotation into the clipboard.

4. Press and hold in the position where you want to paste the annotation.
(It may also be another page or another song).

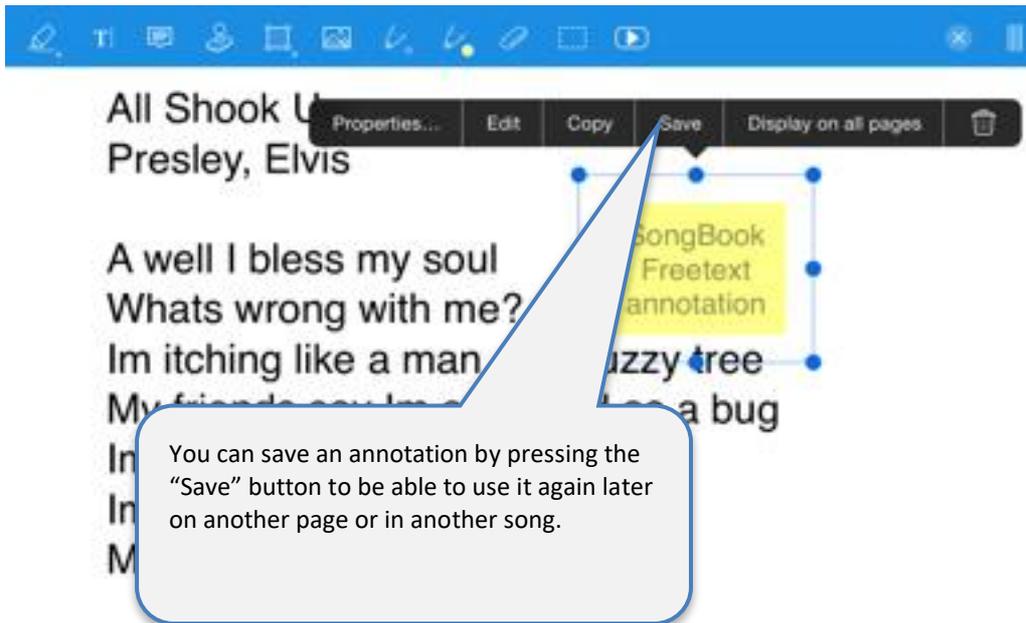
5. Press "Paste" to paste the annotation from the clipboard.

any soul
with me?
Im itching like a man on a fuzzy tree
My friends say Im actin w
Im in love
Im all shook up
Mm mm oh, oh, yeah, yeah!

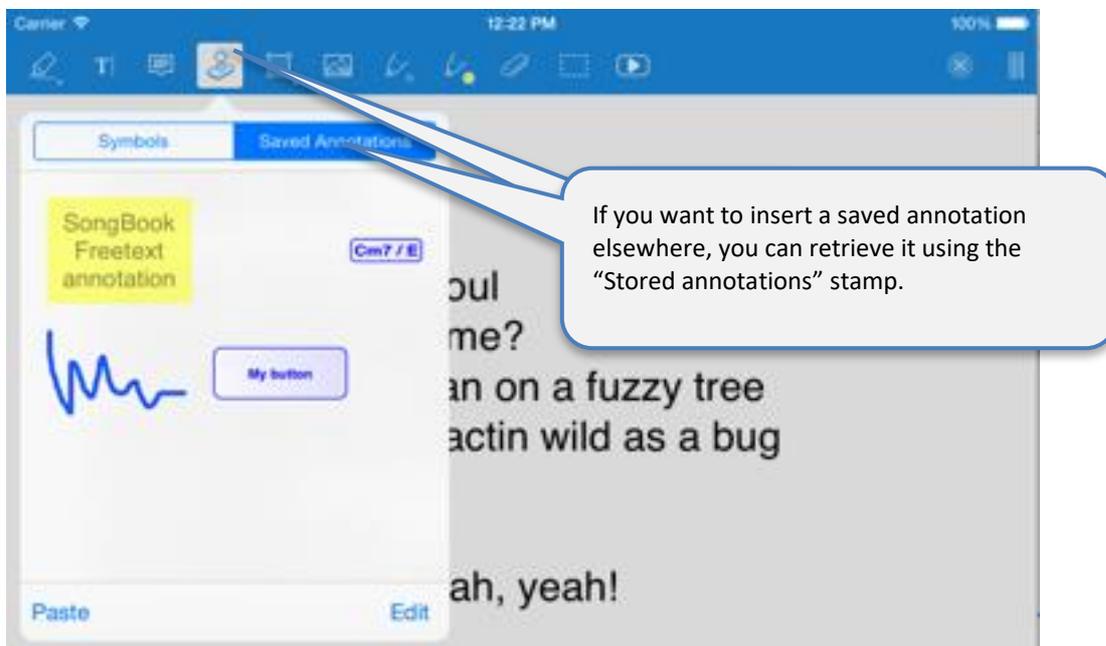
Paste T

My hands are shaky and my knees are weak
cant seem to stand
o do you thank
yea

12.5 Saving frequently used annotations



12.6 Using saved annotations again

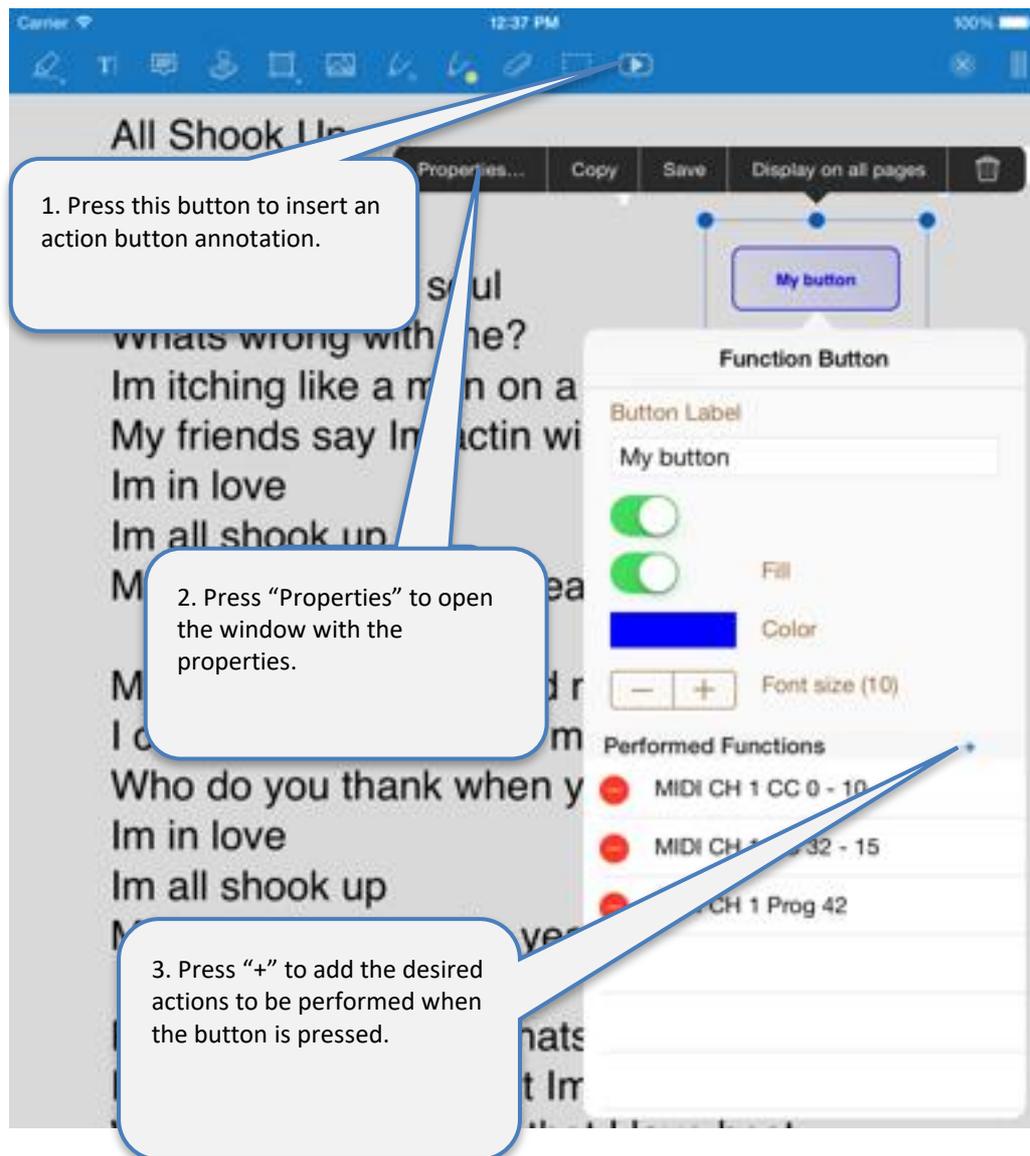


12.7 Action button annotations

Action button annotation is a very special annotation.

Using this feature, you can insert a button anywhere in the document and configure different actions to be performed when it's tapped.

Available functions include sending of various MIDI commands, jumping to a different page, starting or stopping playback, scrolling or launching the metronome, etc.



13 Using playlists

13.1 Selecting an existing playlist

1. Press this button to open the playlists menu.

2. Select the playlist you want to use.

3. The title of the selected playlist is displayed here.

4. The list contains only the songs of the selected playlist.

5. If your songs have a playing time, the playlist total playing time is displayed here.

Track	Artist	Genre
1. So ein Tag (212)	Mickie Krause	Deutsche Schlager
2. Alperose (145)	Polo Hofer	Mundart
3. Drei weiße Tauben (266)	Diverse	Deutsche Schlager
4. Don't you just (311)	Diverse	Englisch Pop
5. Grosses Walzer Potpourri	Diverse	Walzer
6. Leise rieselt der Schnee	Artist	Artist
7. 1.000 mal belogen	Artist	Artist

Attention:

If a playlist is selected, the “Edit” button is no longer used to edit the songs but to edit the content of the playlist!

13.2 Adding a new playlist

1. Press this button to open the playlists menu.

2. Press "Add new playlist".

3. Insert the name of the new playlist.

4. Press "Save".

5. The new playlist appears and is selected.

The new playlist does not contain any songs. You will learn how to add, remove, move or sort the desired songs in the list on the following pages.

13.3 Renaming or deleting playlists

1. Press this button to open the playlists menu.

2. Press "Rename or delete playlists".

3a. To delete an existing playlist press the red button.

3b. To rename an existing playlist, tap the playlist, then edit the name and press "Save".

4. When finished, press "End rename or delete".

13.4 Editing the content of the playlist

Press "Edit playlist" to start editing when the playlist is active.

While editing the songs in the playlist, you can sort and filter the existing songs to find the songs you want to add to the list.

Press the red "minus" button to remove a song from the playlist.

Press the green "plus" button to add a song to the playlist.

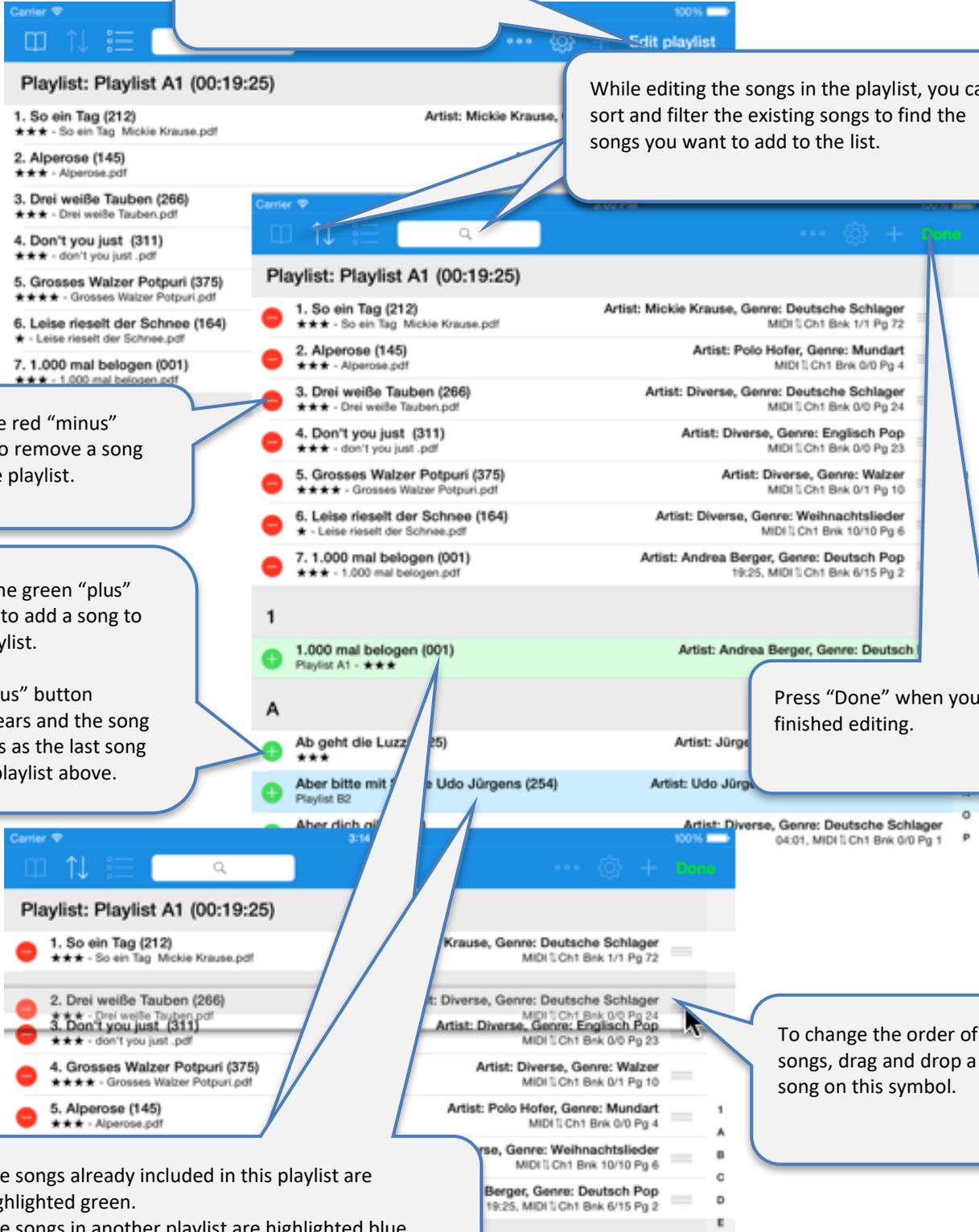
The "plus" button disappears and the song appears as the last song in the playlist above.

Press "Done" when you finished editing.

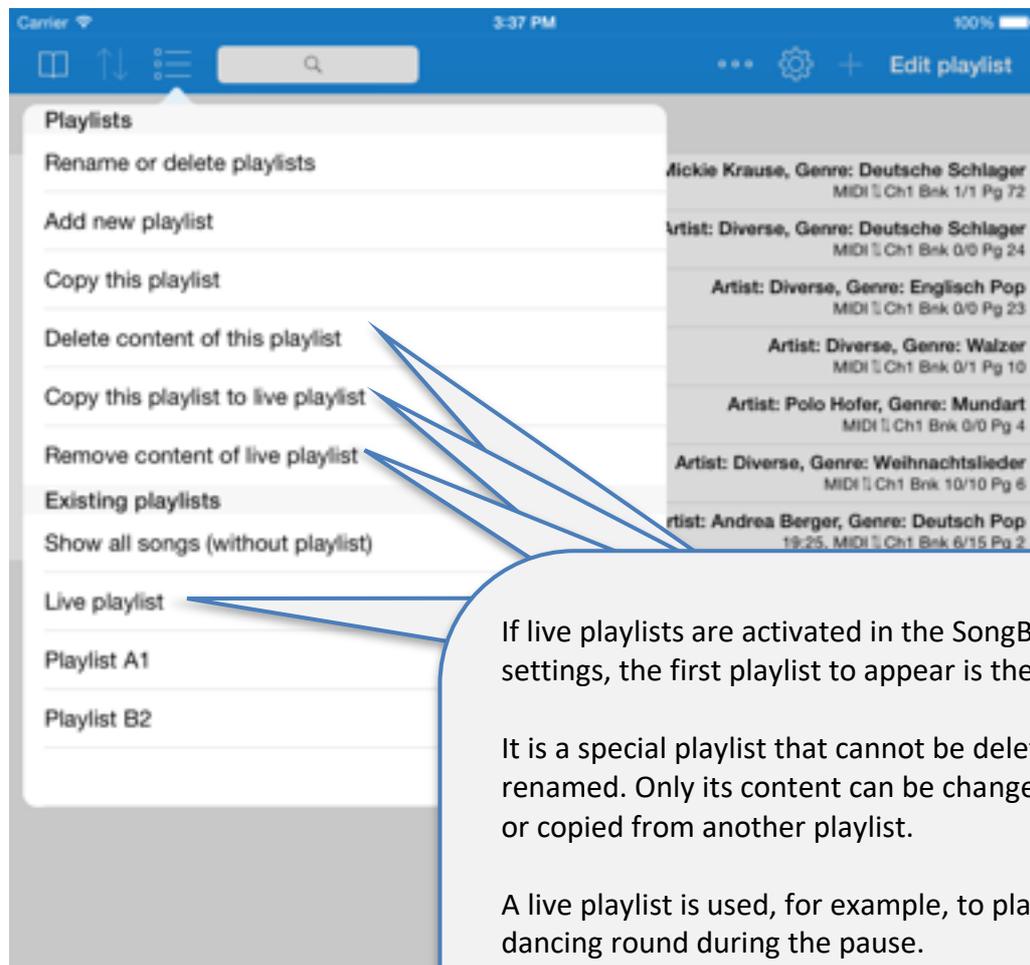
To change the order of the songs, drag and drop a song on this symbol.

The songs already included in this playlist are highlighted green.

The songs in another playlist are highlighted blue.



13.5 Live playlists



If live playlists are activated in the SongBook+ settings, the first playlist to appear is the live playlist.

It is a special playlist that cannot be deleted or renamed. Only its content can be changed, deleted or copied from another playlist.

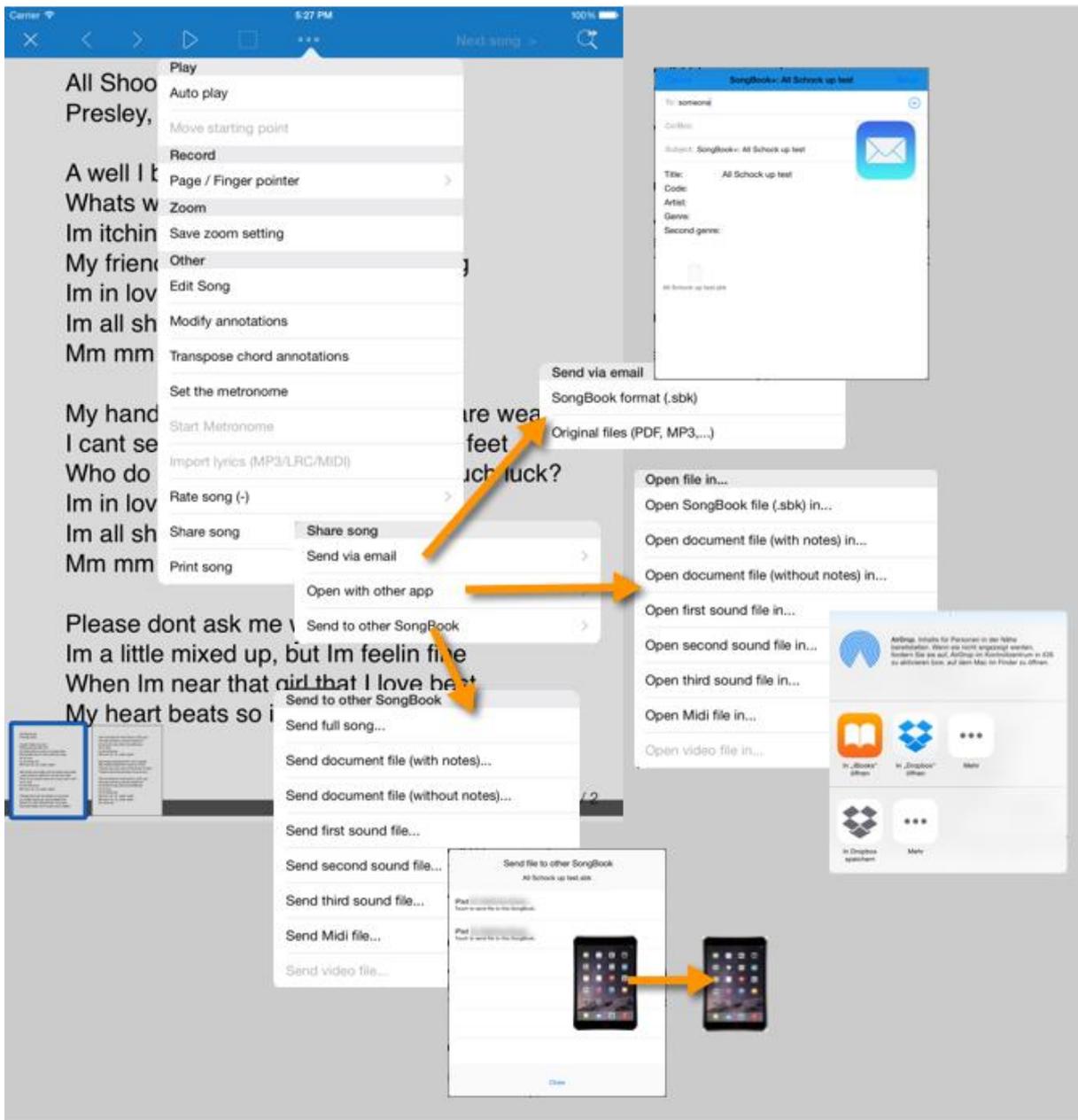
A live playlist is used, for example, to plan the next dancing round during the pause.

If SongBook+ is configured for synchronous changeover of songs on multiple iPads, the live playlist can also be automatically synchronized to the other iPads in the same way.

14 Sharing songs or files (export)

Using the “Share songs” feature, the whole song (.sbk) or single files as well (.pdf, .mp3, .mid, ...) can be:

- used as an attachment in an email
- transferred directly to another app (e.g., Dropbox, iBooks, ...)
- transferred to another Songbook in the range



15 Importing lyrics and chords

SongBook+ can import lyrics and chords from MP3 files, Midi files, LRC files and ChordPro files.

15.1 Importing song lyrics and chords from MP3 files

SongBook+ can import texts from MP3 files if they are included in the ID3 tag in the “Lyrics3 v2.00” format.

Chords can also be imported from MP3 files, if they are included in the lyrics in square brackets (similar to ChordPro format).

The importing of lyrics from MP3 files is carried out in two steps:

First, it is necessary to create a song used by the MP3 file.

After that, you need to open the song and the importing will start. The missing PDF file is then generated automatically.

15.1.1 Adding a song without PDF and selecting MP3

1. Press “Edit”.

2. Press the “+” button to add a song without a PDF.

3. Select the MP3 file by pressing the “...” button. The title is automatically populated with the file name, although it may be changed as desired.

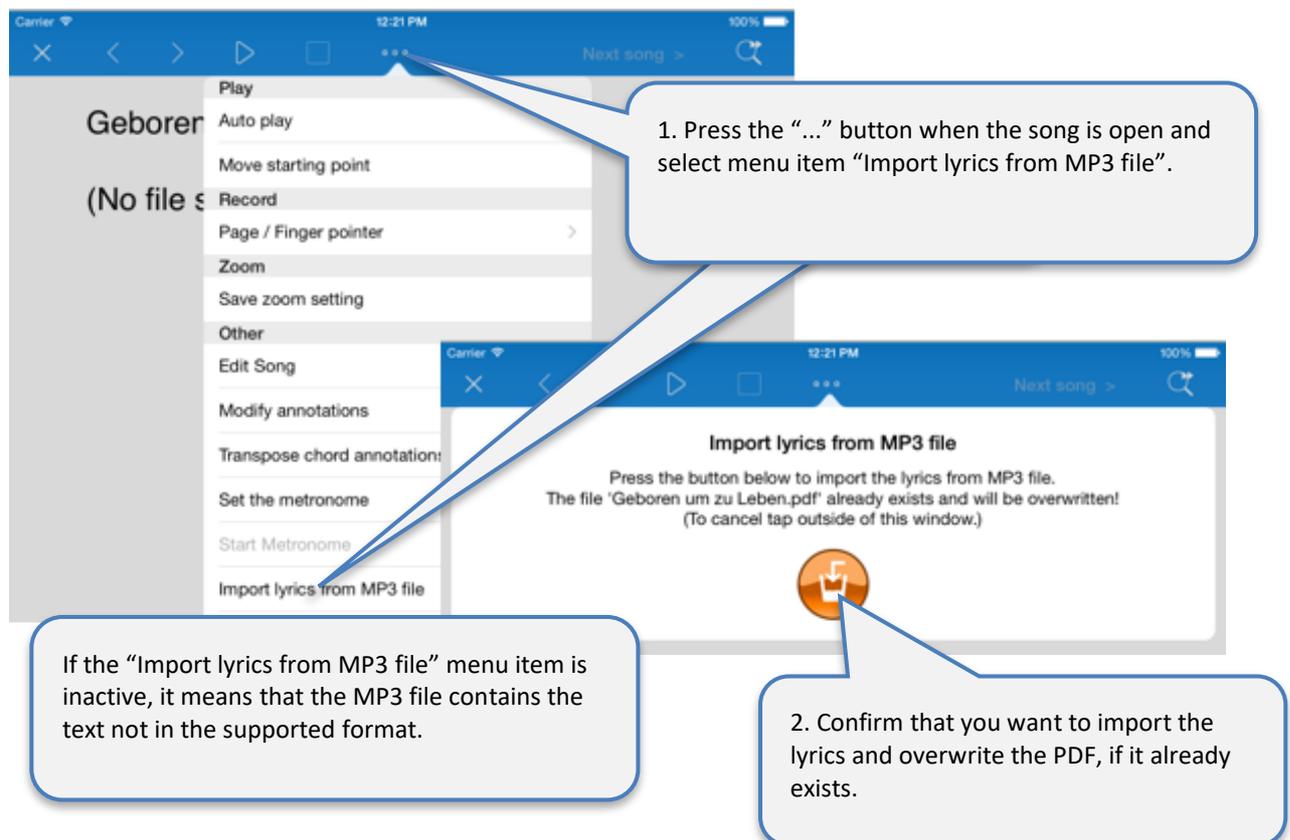
4. Press “Save”.

5. Press “Done”.

15.1.2 Create PDF from lyrics in MP3

If you then open the song for the first time and find SongBook+ text to import, you will be asked if you want to import the text.

Alternatively, you can start the import manually as before, as described in the following steps.



15.2 Importing song lyrics and chords from MIDI files

The importing of lyrics from MIDI files works just as described for MP3 files above. The only difference is that there is an own box for the selection of each MIDI file.

15.3 Importing song lyrics and chords from LRC files

The importing of lyrics from LRC files works in a similar way as described for MP3 files above. However, the LRC is not directly selected in the song. SongBook+ is rather searching for a file with the LRC extension which either has the same name as the lyrics or the assigned MP3 or MIDI file.

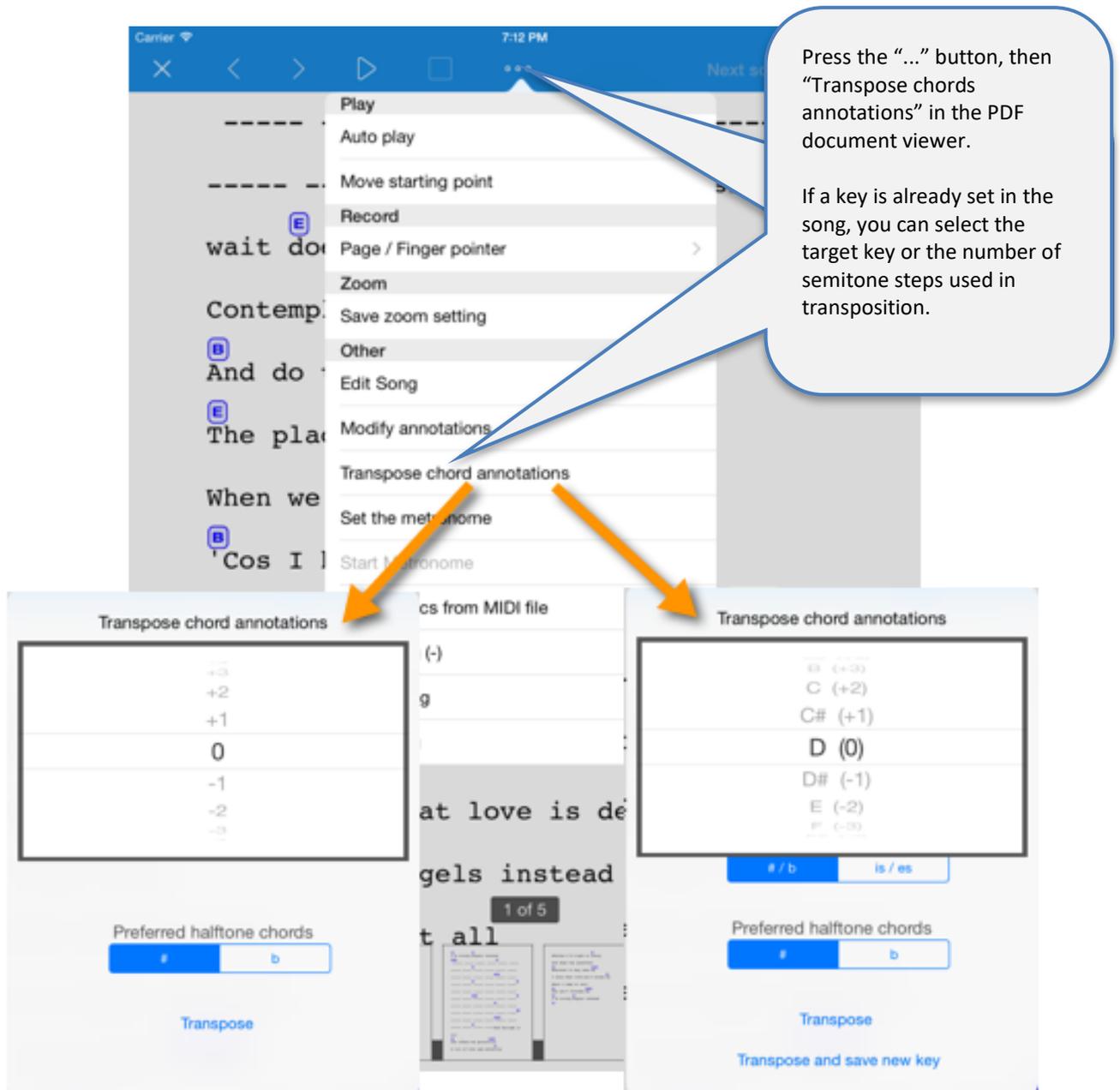
15.4 Importing song lyrics and chords from ChordPro files

Firstly, ChordPro files are entered in SongBook as usual text files or PDF files. After opening, indicate the unformatted original content of ChordPro file.

Using the “Import ChordPro file” menu item, it can be imported similar to MP3 files. The PDF file is generated then.

16 Transpose chords

Chord symbols inserted using the annotation feature (see page 22) or imported from Midi/LRC/ChordPro (see page 34), can be transposed later.



Tip:

You can also subsequently change the appearance of chord notes (color, size, etc.). If you customize only one of the chord notes in a song, all other notes in the same song take over the same look.

17 Scanning lyrics on paper with built-in camera

1. While in the song list, tap the “...” button and select “Photo to PDF”.

2. Add pictures using the built-in camera or select them from your library. Each picture will become a new page for the PDF file.

3. Change the name of the PDF file to be created.

4. Press “Save”.

18 Using the MIDI features

18.1 Connecting iPad to MIDI

There are several ways to connect the iPad with MIDI.

18.1.1 MIDI adapter and devices with USB MIDI interface

Many MIDI adapters and some devices (keyboards, etc.) have a USB interface for MIDI.

Since the iPad innately has no USB port, it an adapter to extend the iPad with a USB interface. Apple calls these adapters “iPad Camera Connection Kit”.

Then, USB MIDI adapters and USB MIDI devices can be connected if they are compatible with Apple.



Attention: With the USB adapter connected, the iPad cannot be supplied with power at the same time!

If the MIDI adapter (or the USB MIDI device) itself has no power supply, it even consumes the power to operate from the battery of the iPad, which can result in a short battery life or even an unreliable MIDI connection.

To prevent this, it is additionally advisable to use an active USB hub with power supply.

18.1.2 MIDI adapter directly connected to the iPad

Some MIDI adapters can connect to the iPad directly.

Some examples of those are:

- iConnectMIDI2+ by iConnectivity
- iRig MIDI Version 1+2 by IK Multimedia
- ioDock by Alesis
- iStudio is202 by Behringer
- ...

Using these adapters, the iPad can be partially supplied with power in MIDI operation (all the above except iRig MIDI version 2).

Also, there is a number of simple, small MIDI keyboards that can be connected directly to the iPad.



18.1.3 Wirelessly via Bluetooth or Wi-Fi

In the meantime, there are even wireless MIDI adapters that use Radio communication like Bluetooth or Wi-Fi to connect to the iPad.

Some examples of those are:

- mi.1 by QuiccoSound (Bluetooth)
- PUC wireless MIDI interface (Wi-Fi)
- Yamaha Tyros 5 keyboard with Wi-Fi stick
- Yamaha MD-BT01
- Yamaha UT-BT01
- Zivix PUC+



18.2 Playing back MIDI files

SongBook+ is able to play back normal MIDI files, but it does not have an integrated synthesizer to create sounds from.

In order to generate sounds from the MIDI files, additional external hardware connected via MIDI (such as a keyboard or an expander) or a third-party synthesizer app is required, running in the background and receiving the signals from SongBook via “Virtual MIDI”.

“bismark bs-16i” is an app that can be used to generate sounds directly on the iPad. If this app is running in the background with “Virtual MIDI” activated, you can listen to the music directly on the iPad, without any external hardware.



18.2.1 Opening song text on incoming MIDI commands

SongBook+ can listen for *ProgramChange* commands on the MIDI interface and then open a song. These commands normally select an instrument.

A typical use of this feature is that *ProgramChange* commands are sent from within a MIDI style, from within a played MIDI file, or from the keyboard when a registration was selected. SongBook+ then opens the corresponding song text. (A MIDI style can resend the same *ProgramChange* over and over again while looping; this will not lead to a problem.)

SongBook+ opens a song text, if it received *BankSelect* commands and a *ProgramChange* command as configured in the “Edit song details” window.

Please note that SongBook+ uses values from 0 to 127. If your keyboard uses numbers from 1 to 128 instead, you must subtract 1 to get the value to configure in SongBook+.

With these settings, the song will open if a MIDI device sends the command to select instrument 16 on bank 1 / 5 on MIDI channel 1.

Auto open on MIDI command

Send MIDI command on open

BankSelect		
MSB	LSB	PG change
	002	013
	003	014
000	004	015
001	005	016
002	006	017
003	007	018
004	008	019

Learn a MIDI command now

Use this button if you want to learn a command instead of configuring it using the wheels.

Restart MIDI Send MIDI all sounds off

Restart Bluetooth Clear

```
14:41:31.514: **** chan 01 program change 1/5/16 triggered
14:41:31.513: **** chan 01 program change 1/5/16
14:41:31.513: Channel 01: program change 16
14:41:31.513: Channel 01: bank select low 5
14:41:31.513: Channel 01: bank select high 1
```

In the MIDI monitor window you can see the following if these MIDI commands are received.

Please use the built-in MIDI monitor to find out what is actually received by the MIDI interface if it doesn't work as expected.

18.3 Sending MIDI commands when song text is opened

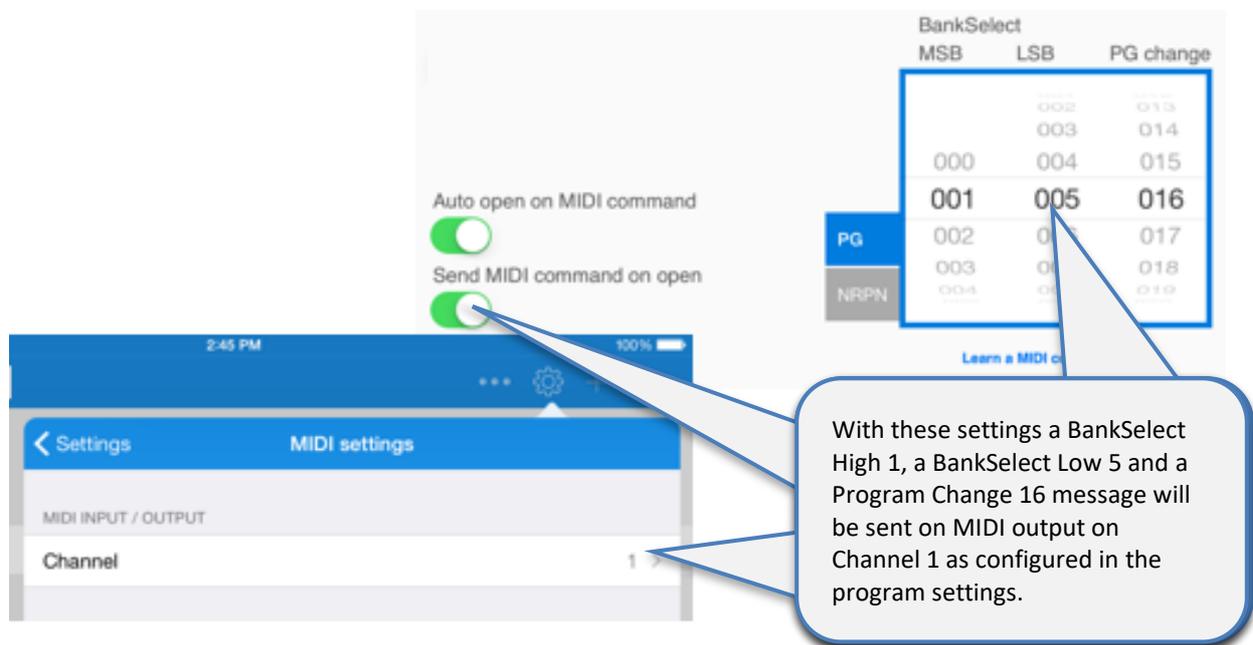
You can also enable SongBook to send MIDI commands when you open a song text. A typical use of this feature is to configure external devices like a keyboard upon selecting a song.

There are different ways to send MIDI commands:

18.3.1 Sending the configured BankSelect/ProgramChange commands

SongBook+ sends the *BankSelect* and *ProgramChange* commands as configured in the “Edit song details” window, if the “Send MIDI command on open” switch is set to on.

The MIDI channel that SongBook+ is sending these commands on is the same as configured for the MIDI input.



18.3.2 Sending the contents of a MIDI file upon opening the song

SongBook sends the contents of a MIDI file upon **opening** the song, if a .mid file with exactly the same name as the .pdf file extended with “_open.mid” exists.

(e.g. MySong.pdf → MySong_open.mid)

Only type 0 MIDI files (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment

18.3.3 Sending other configurable MIDI commands

Using the “Actions upon opening” button in the editing window of the song, you can define optional MIDI commands to be sent upon opening the song.

18.4 Sending MIDI commands when the song is started

18.4.1 Sending the contents of a MIDI file upon starting the song

SongBook sends the contents of a MIDI file upon **starting** the song, if a .mid file with the same name as the .pdf file extended with “_start.mid” exists.

(e.g. MySong.pdf → MySong_start.mid)

Only type 0 MIDI files (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment

18.4.2 Sending MIDI Start when the song is started

You can configure in the settings, if SongBook should send MIDI Start upon starting the song.

18.4.3 Sending other configurable MIDI commands

Using the “Actions upon starting” button in the editing window of the song, you can define optional MIDI commands to be sent upon starting the song.

18.5 Sending MIDI commands when the song is stopped

18.5.1 Sending the contents of a MIDI file upon stopping the song

SongBook sends the contents of a MIDI file upon **stopping** the song, if a .mid file with the same name as the .pdf file extended with “_stop.mid” exists.

(e.g. MySong.pdf → MySong_stop.mid)

Only type 0 MIDI files (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment

18.5.2 Sending MIDI Stop when the song is stopped

You can configure in the settings, if SongBook should send MIDI Stop upon stopping the song.

18.5.3 Sending other configurable MIDI commands

Using the “Actions upon stopping” button in the editing window of the song, you can define optional MIDI commands to be sent upon stopping the song.

18.6 Sending MIDI commands at a button touch

You can also send freely configurable MIDI commands from the song lyrics or musical notes at a single button touch with the help of the special “Action button” annotation.

To learn how you can insert and configure an action button annotation, see chapter [12.7](#).

19 Using foot pedals

19.1 Foot pedals that simulate an external keyboard

SongBook+ supports all foot pedals that are able to simulate an external keyboard and can send one or more of the following keys:



In the application settings, you can enable the use of foot pedals and assign the keys to the following actions:

- Do nothing
- Go one page forward/backward
- Press the Start/Stop/Pause/Continue button
- Jump to the next song
- Jump back to the song list
- Open song preselection list
- Start/pause/continue scrolling
- Scroll faster/slower
- Go the whole/half/third/quarter page forward or backward
- Turn automatic playback on/off/toggle
- Start/stop the metronome

You can see in the Midi and Bluetooth monitor which keys your foot pedal is sending.

To use this feature, you can use e.g. the following foot pedals:

- BT-105/BT-106/DIGIT/QUAD/DUO/PED/PEDpro/BT200S-x by Airturn (www.airturn.com) connected via Bluetooth
- Cicada/Firefly/Dragonfly/Butterfly by PageFlip (www.pageflip.com) connected via Bluetooth
- iRig BlueTurn by IK Multimedia (www.ikmultimedia.com) connected via Bluetooth
- BT-FP2 by Strich Music

19.2 Foot pedals that send MIDI commands

SongBook+ supports all foot pedals that can send one or more of the following MIDI commands:

- MIDI Start (used by Alesis io Dock pedal 1)
- MIDI Stop (used by Alesis io Dock pedal 2)
- MIDI Pause
- MIDI Continue
- MIDI Control-Change 63 to value (used by Alesis io Dock pedal 2)
- MIDI Control-Changes to an arbitrary value

In the application settings, you can enable the use of MIDI foot pedals (*) and assign the keys to the following actions:

- Do nothing
- Go one page forward/backward
- Press the Start/Stop/Pause/Continue button
- Jump to the next song
- Jump back to the song list
- Open song preselection list
- Start/pause/continue scrolling
- Scroll faster/slower
- Go the whole/half/third/quarter page forward or backward
- Turn automatic playback on/off/toggle
- Start/stop the metronome

Remark on Alesis io Dock: *The Alesis io Dock alternately sends MIDI Start and MIDI Stop on the first foot pedal. If you use this foot pedal you should assign in SongBook+ the same action for MIDI Start and MIDI Stop.*

Remark on Alesis io Dock 2: *Alesis io Dock 2 alternately sends the value 0 or 127 on the controller 14 (first pedal) or 15 (second pedal) with the pedals. If a pedal always performs the same action each time it is pressed, you must use two of the optionally configurable ControlChanges per pedal in SongBook+, one to respond when changing to 0, and another to respond when changing to 127, and assign the same action to both of them.*

Remark iRig BlueBoard: *The iRig BlueBoard alternately sends ControlChanges on the value 0 or 127. If a button always performs the same action each time it is pressed, you must use two of the optionally configurable ControlChanges per button in SongBook+, one to respond when changing to 0, and another to respond when changing to 127, and assign the same action to both of them.*

You can see in the Midi and Bluetooth monitor which commands your foot pedal is sending.

(*) Of course, the MIDI commands do not entirely have to come from a foot pedal. They can be sent by any connected MIDI device.

20 Connecting multiple iPads with SongBook+

You can connect multiple iPads with SongBook+, either via Bluetooth, Wi-Fi, MIDI (cable) or Wireless MIDI (wirelessly).

If you want to use the simple “short-haul connection”, select the “Server in short-haul connection” connection mode in “SongBook to SongBook connection” on one device and “Client in short-haul connection” on all the other ones.

Depending on availability, the operating system automatically chooses either Bluetooth or Wi-Fi for connection.

If you want to force a more reliable Wi-Fi connection, you can turn Bluetooth off completely in the general settings of the iPad.

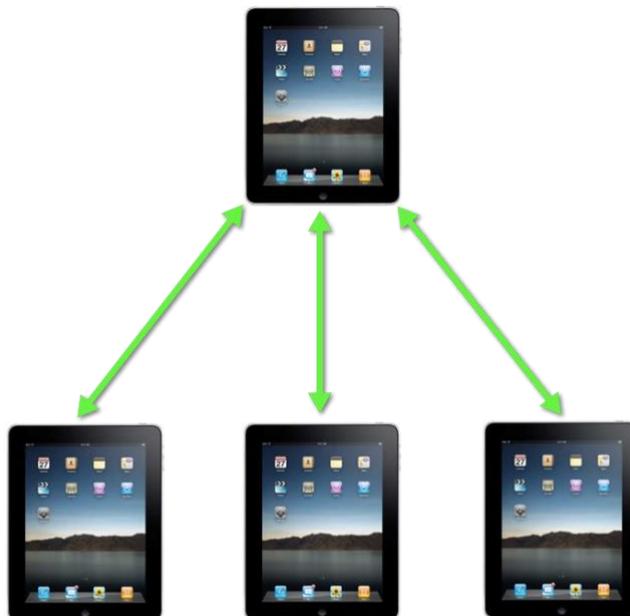
If you want to establish a MIDI connection (wireless or wired MIDI), select option “MIDI connection” as the connection mode in “SongBook to SongBook connection” on all devices. For wireless MIDI, you additionally need to configure one MIDI device as a wireless MIDI Server and the other one as a wireless MIDI client in the settings.

After this has been done, the following actions can be synchronized between SongBooks:

- Selecting a song
- Preselecting a song
- Scrolling:
- Start button
- Stop button
- Live playlist

If you want to build multiple SongBook groups using short-haul connection or protect yourself against connections from external SongBooks, you can set a common connection key.

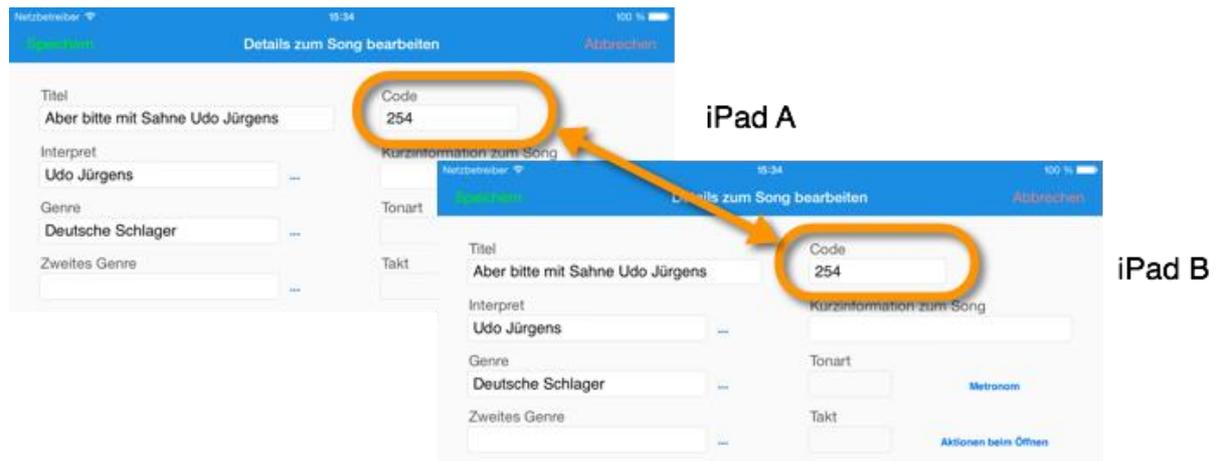
The devices connect automatically when you start SongBook+ if the feature is activated in the settings.



There are 2 methods to link the two associated songs on the various iPads via the code or the MIDI information of the song.
 Select the sync method to be used in the settings of “SongBook to SongBook connection” as “Key field for synchronization”.

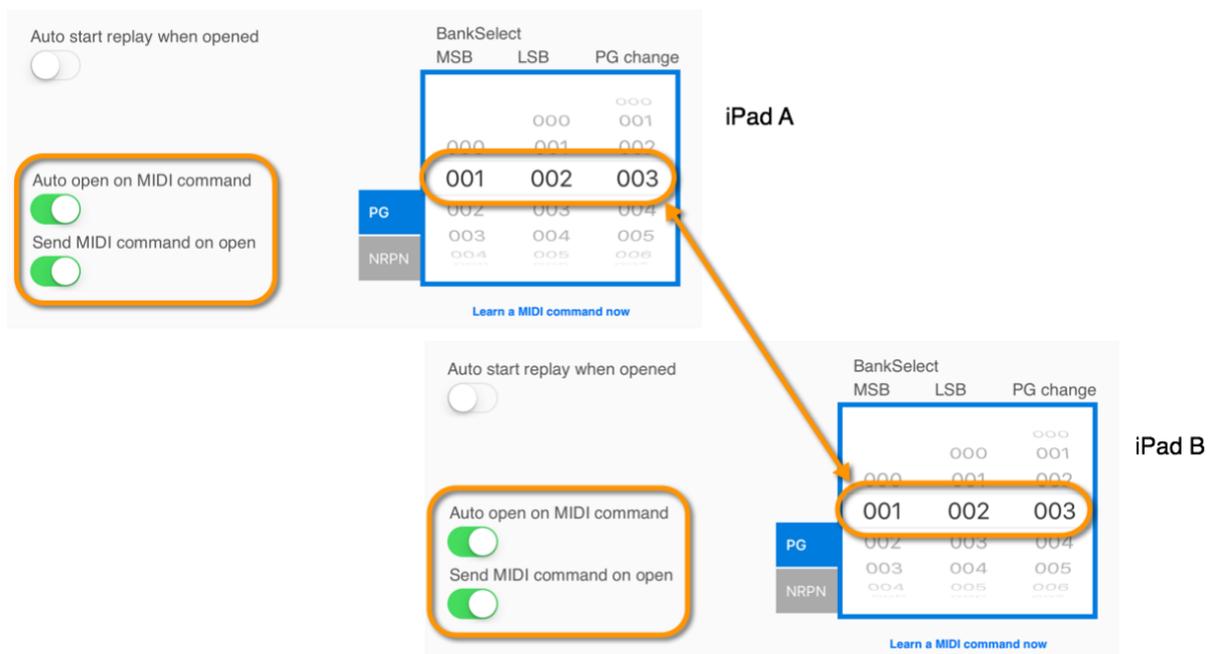
20.1 Synchronizing via code

Starting from SongBook+ version 2.1, a new method is available to provide an easier option to synchronously open songs on multiple devices. The content of the song's box “Code” is sent to the other iPads and a song with the same code is searched there.



20.2 Synchronizing via MIDI information

If you already use SongBook+ as remote control via MIDI with a keyboard or another external device, you can use the same MIDI settings to sync with other iPads. The 3 digits from the MIDI settings are sent to the other iPads and a song with the same 3 digits is searched there.



21 Using multiple books

If you want to use multiple books, press “Edit search” on the SongBook+ cover.

Then toggle the “Use multiple books” switch.

You will then see a list of 15 books on the cover. If you are no longer in the edit mode, tap to select the desired Book.

The image displays three screenshots of the SongBook+ app interface. The top screenshot shows the 'Book 1' selection screen with a search bar and an 'Edit' button. A callout bubble points to the 'Edit' button, stating: "Switch to book selection. The button also displays the title of the currently opened book." The middle screenshot shows the 'Use multiple books' toggle switch and a list of five books. A callout bubble points to the book list, stating: "Book titles can be directly changed here. You can easily change the order of the books by dragging their icons on the right side. Using the “...” button in the menu, you can delete or copy all books." The bottom screenshot shows a list of songs with artist and genre information. A callout bubble points to a song entry, stating: "If you want to copy or move an existing song to another book, press and hold the song for a long time until a menu with the corresponding selections appears."

Book	Songs	Menu
Book 1	102 Songs	...
Book 2	34 Songs	...
Book 3	-	...
Book 4	-	...
Book 5	-	...

The database, the directory with the files and the list of the artists and genres entered are shared among all books.

An even stronger data separation can be achieved by means of multi-client support with subdirectories. For more information, see chapter 25.

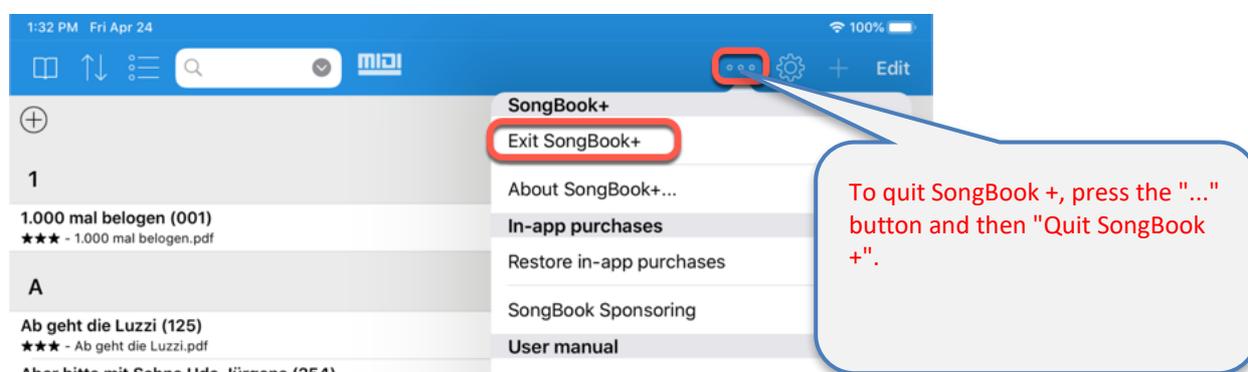
22 Backing up and restoring your data

The following chapters show how you can back up your data to your computer and how you can copy the backed-up data back to your SongBook+ (or to another device).

Always quit SongBook + completely before backing-up or restoring your files (unless you are using WiFi sharing)!

If you don't do that beforehand ...

- ... the database files may not contain the most up-to-date data when backing-up or may be incorrect.
- ... copying back the database files will be ineffective when restoring



22.1 Backing up your files

The most important files that you should definitely back up are the following 4 files:

- SongBookMidi.settings
- SongBookMidi.sqlite
- SongBookMidi.sqlite-shm
- SongBookMidi.sqlite-wal

They contain all the data and settings that you made directly in SongBook (song titles, artists, genres, notes, recorded scrolling and finger pointers, MIDI commands for sending, ...).

If one of the two files SongBookMidi.sqlite-shm or SongBookMidi.sqlite-wal has the size 0, it does not need to be saved. When copying the backup back to an iPad, this missing file must then be deleted on the target iPad.

If you used the Photo-to-PDF function of SongBook + or imported texts from MIDI files, ChordPro files, MP3 files etc., SongBook + also created PDF files for you. In this case, you should also save all PDF files

22.1.1 Backing up your data with the Finder (Mac Computer)

Quit SongBook + before saving the files in order that all changes be saved in the database files.

Please see chapter 2.1 how to use the Finder to access SongBook + files.

Select the files you want to save (at least the 4 files listed above). Multiple files can be selected with the mouse while holding the "Command" key on the keyboard. All files can be selected with the key combination "Command+A" on the keyboard.

Drag these files to another Finder window in the prepared folder where you want to save the files.

22.1.2 Backing up your data with iTunes (Windows PC and older Mac Computers)

Quit SongBook+ before saving the files so that all changes will be saved in the database files.

Please see chapter 2.2 how to access SongBook + files with iTunes.

Select the files you want to save (at least the 4 files listed above). Multiple files can be selected with the mouse while holding the "Command" key on the keyboard. All files can be selected with the key combination "Command + A" on the keyboard. (On a Windows PC, the "Command" key is called "Ctrl" or "Ctrl" instead.)

Then press "Save As...". Select a destination folder on your computer where you want to save your data.

22.1.3 Backing up your data using WiFi sharing.

Please see chapter [2.3](#) for how to access SongBook+ files using WiFi sharing.

Select the files you want to save (at least the 4 files listed above). Multiple files can be selected with the mouse while holding the "Command" key on the keyboard. All files can be selected with the key combination "Command + A" on the keyboard.

(On a Windows PC, the "Command" key is called "Ctrl" or "Ctrl" instead.)

Drag these files into the prepared destination folder on your computer where you want to back up the files.

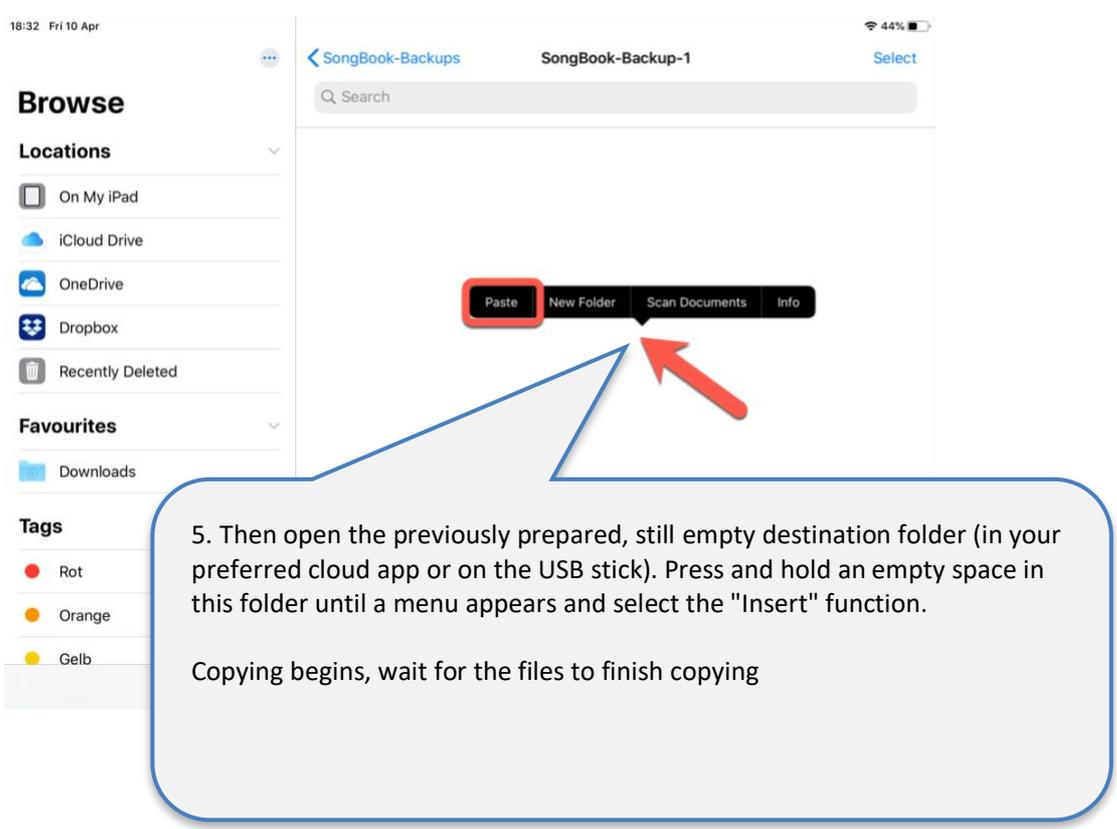
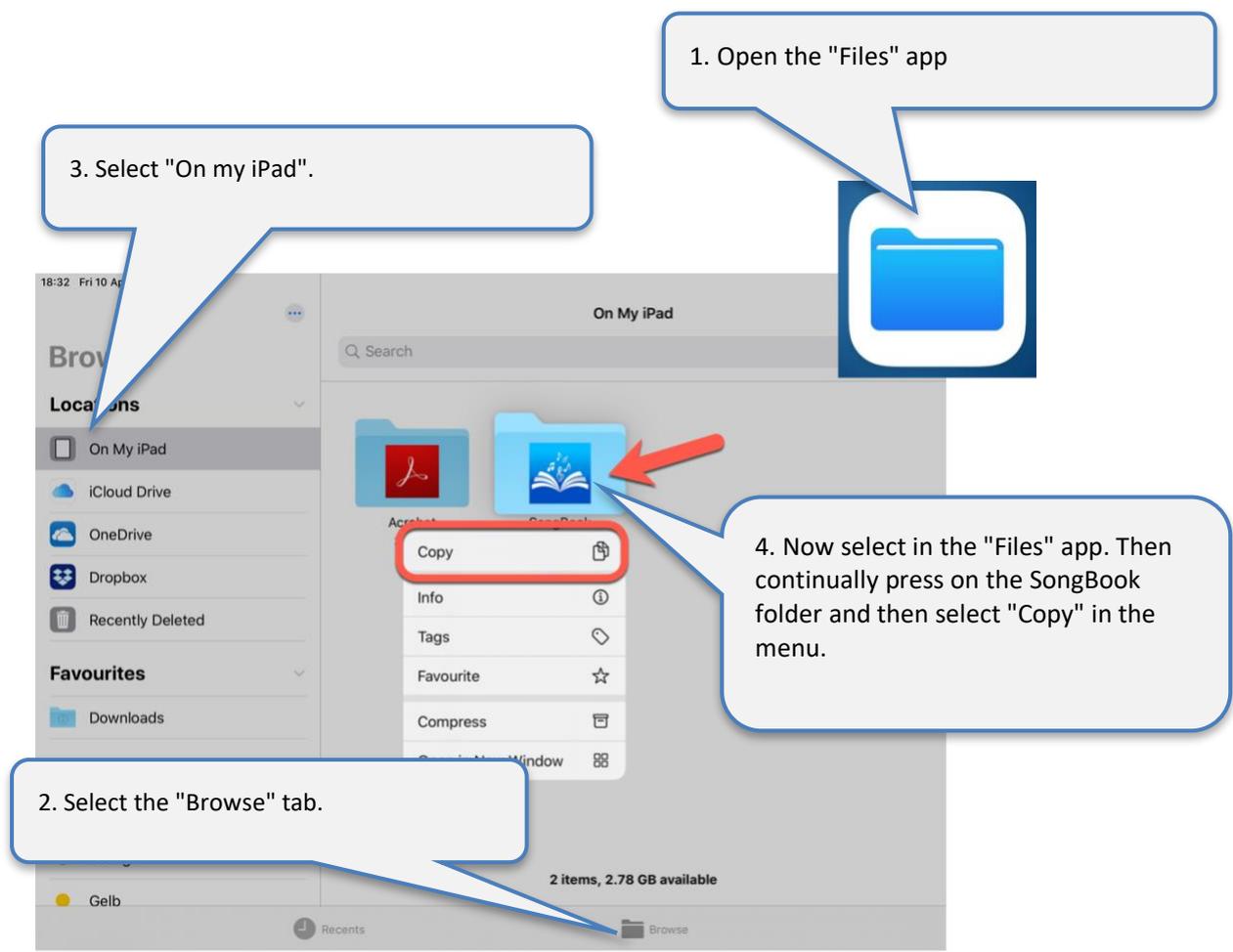
22.1.4 Backing up your data with the "Files" App

Quit SongBook+ before saving the files in order for all changes to be saved in the database files.

With the Files app, you can copy files to a USB stick, your preferred cloud app, or even a server on the local network.

First create a new, appropriately named folder with the files app at the desired destination (in your cloud app or on the USB stick), e.g. SongBook-Backup-1 where you want to save the backed-up files.

In the example on the following page we show how you can back up the entire SongBook folder including all files. If you only want to save the 4 files mentioned above, you can do this 4x with the individual files.



22.2 Restoring Your Files

Quit SongBook + before restoring the backup, otherwise copying back the database files will have no effect (unless you use the WLAN release)!

The backed-up files will be copied back to SongBook+ in the same way as normal files will be copied to SongBook+.

Therefore, please see chapter 2 on how to copy files into the SongBook+ and proceed with your saved files.

If one of the two files SongBookMidi.sqlite-shm or SongBookMidi.sqlite-wal was not saved because it was 0, this missing file must also be deleted beforehand on the target iPad.

The folder "Inbox" cannot and must not be copied back! It does not contain any required data, though.

23 Quitting SongBook+ or other apps completely

If you close an app using the Home button, it continues to run in the background and still requires memory that other apps may lack.

Therefore, it is highly recommended, especially before operations, to quit all these apps completely including SongBook+ and then restart SongBook+ only so that it could use as much free memory as possible.



Note:

SongBook + also has a menu item "Exit SongBook +" at the button "...", with which it can be completely closed.

24 Individual audio outputs with external hardware

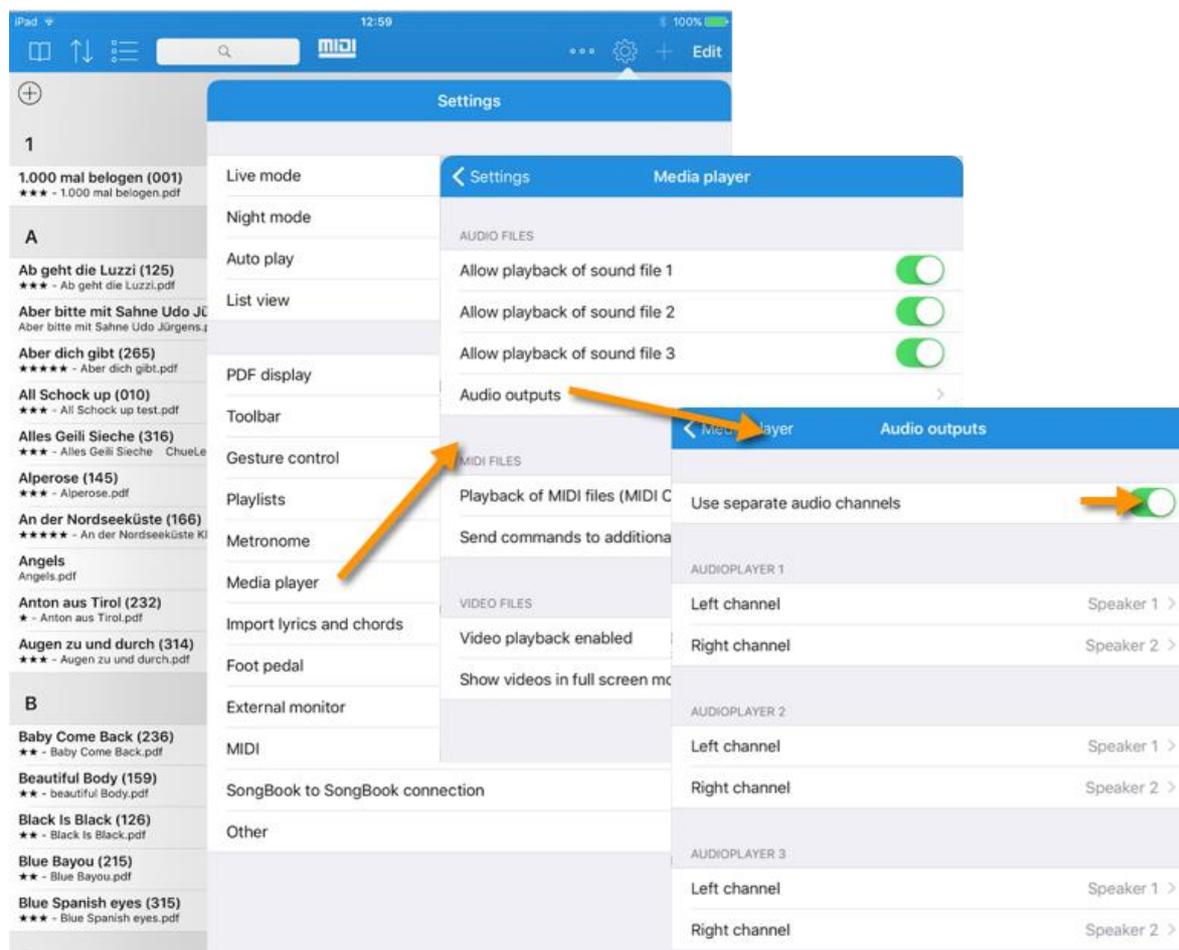
External audio hardware can be connected to the iPad using individual audio outputs.

Some examples of those are:

- iConnectAudio2+
- Behringer X18
- ESI Gigaport HD+

If you want to route the channels (left/right) of the 3 audio players in SongBook+ to the specific audio outputs of the external hardware, you can do this in the SongBook+ MediaPlayer settings.

It is useful, for example, if you want to play a synchronous click track for the drummer that can be heard by him only.



25 Multi-client support with subdirectories

If you want to copy another musician's data into your SongBook+ without overwriting your own data, you can now create subdirectories in SongBook+ with completely separated data.

Each of these directories contains a separate database (SongBookMidi.sqlite, SongBookMidi.sqlite-shm, SongBookMidi.sqlite-wal files), custom settings (SongBookMidi.settings file) and your own files (PDF, MP3, ...).

Unfortunately, it is not possible to create and access such subdirectories via iTunes, but only via WLAN sharing from the SongBook+ folder or via the "Files" app.

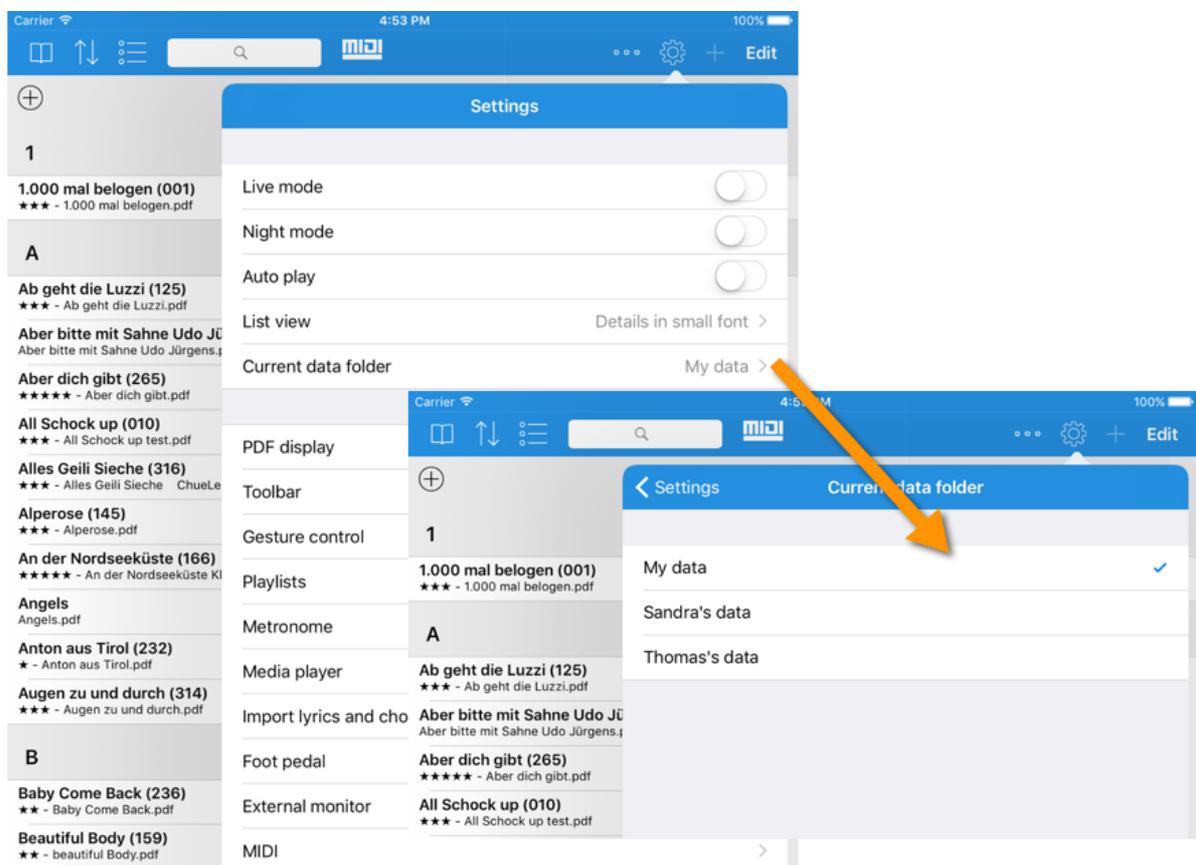
You can find more information about access via WLAN sharing or the "Files" app in chapters 2.3. and 2.4.

Simply create directories with names having "SBDATA_" at the beginning, e.g.

- SBDATA_My Data
- SBDATA_Thomas' Data
- SBDATA_Sandra's Data

You can easily change the current folder in the settings later.

After selecting another folder, SongBook+ will close and must be restarted.

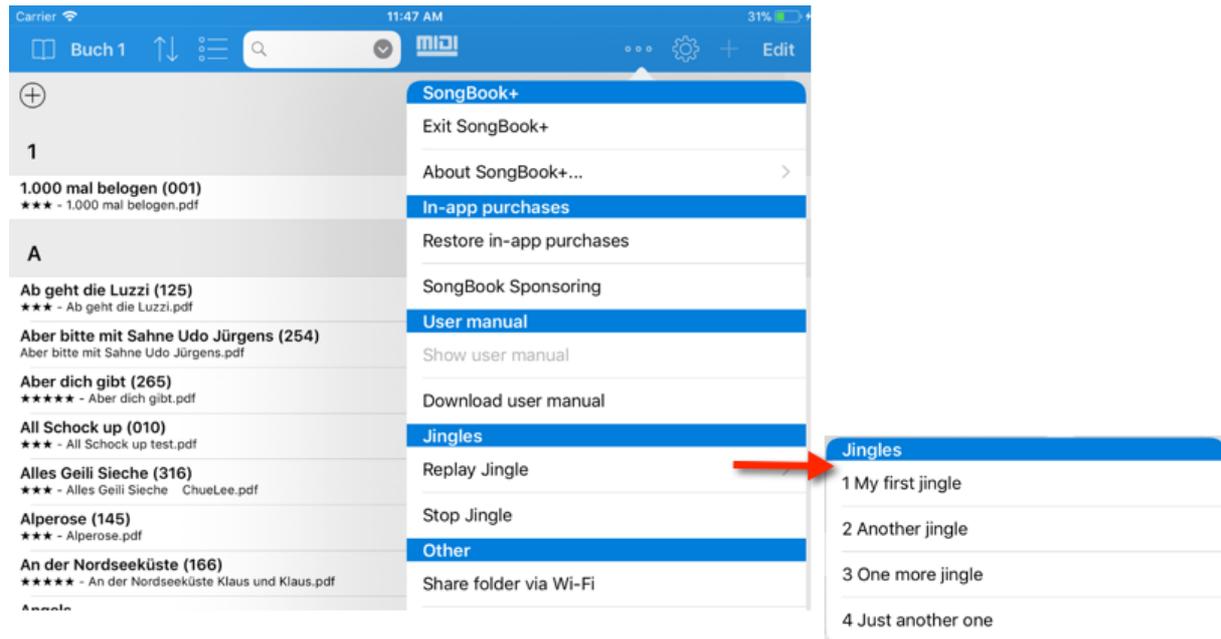


26 Playing "Jingles"

Jingles are frequently used, short audio files, which can be played fast and easily at any time.

You can access them either via the menu or via configurable gestures, foot pedals or via actions in function buttons.

Audio files (mp3, wav, aiff, m4a), which start with SB-Jingle-", are recognized by the jingle function and are sorted alphabetically in a submenu "Jingles" at the button "...".



In the sample image, the following 4 files were copied to SongBook +:

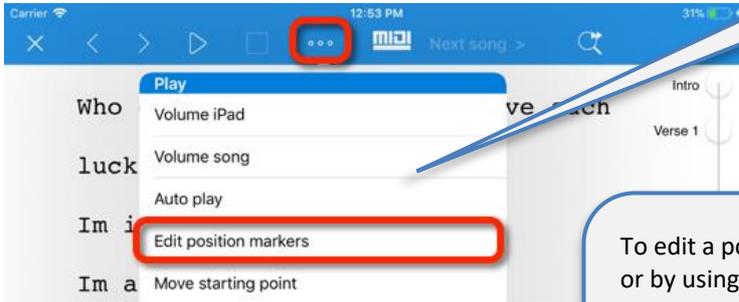
- SB-Jingle-1 My first jingle.wav
- SB-Jingle-2 Another jingle.mp3
- SB-Jingle-3 One more jingle.mp3
- SB-Jingle-4 Just another one.mp3

It is possible to configure and access the first 10 jingles via gesture control, foot pedals or function buttons. Here, however, you can only address them via your position in the alphabetically sorted list, ie Jingle 1, Jingle 2, Jingle 3,

Therefore, you should best name the files after the prefix "SB-Jingle" so that you appear alphabetically sorted in your desired order.

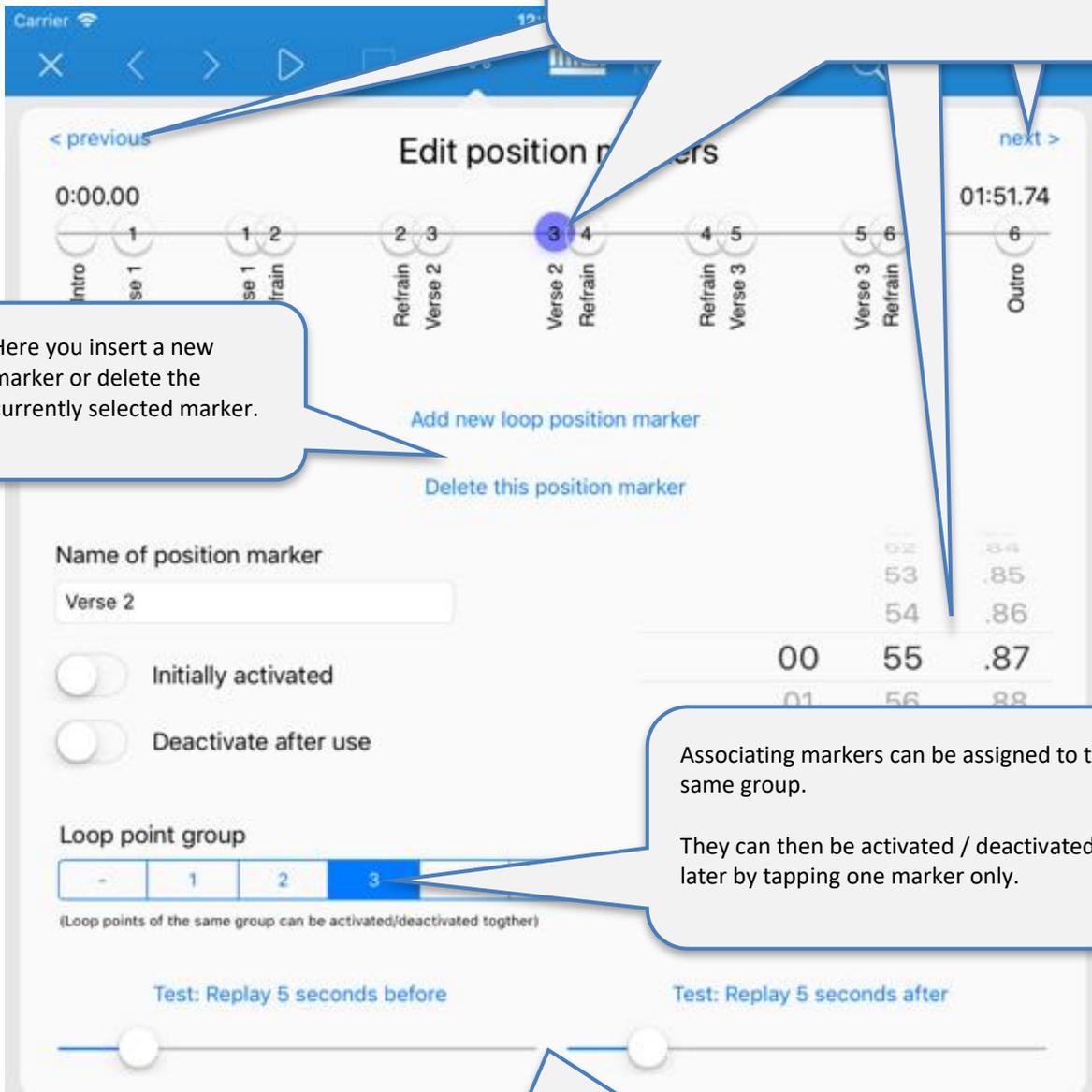
27 Position markers and Loop funktion

Open the editor for position markers here.



To edit a position marker, first select it by tapping directly or by using the buttons next or previous.

You can either move it with your finger or adjust the time with the 'wheel'.



Here you insert a new marker or delete the currently selected marker.

Associating markers can be assigned to the same group.

They can then be activated / deactivated later by tapping one marker only.

To check the exact position, you can listen to the last seconds before or the first seconds after the point.

28 Supported file formats

28.1 Files for text or note display

Files with file extensions PDF, PNG, JPG, JPEG, GIF, TXT are used for displaying song lyrics or musical notes.

28.2 Music files

Files with file extensions MP3, WAV, AIFF, M4A can be used for music playback.

28.3 Midi files

Files with file extensions MID, MIDI, SMF can be used for MIDI output.

28.4 Video files

Files with file extensions MOV, MP4, MPV, 3GP, M4V and the following compression standards can be used for video output directly to the iPad itself or to an external monitor or projector:

- H.264 Baseline profile level 3.0 video up to 640x480 at 30 fps
- MPEG-4 Part 2 video (Simple Profile)

28.5 ChordPro files

ChordPro files with the .chopro extension can be imported to display texts and chords.

28.6 LRC files

LRC files with the .lrc extension can be imported to display texts and chords.

28.7 MP3 files with with embedded text

SongBook+ can import texts from MP3 files if they are included in the ID3 tag in the "Lyrics3 v2.00" format.

29 Contribution

MIDI communication:

The MIDI communication is based on sample code by Pete Goodliffe. Thank you Pete for publishing your sample code on the Internet.

Further details can be found here:

<http://goodliffe.blogspot.com/2010/10/using-coremidi-in-ios-example.html>

Musical symbols:

The musical symbols inserted using the annotation feature come from Linkware Graphics. Many thanks to Shirley Kaiser for publishing these symbols.

Further details can be found here:

<http://linkwaregraphics.com/music/>

In-app settings:

The settings integrated in the app were implemented using “InAppSettingsKit”. Many thanks to Luc Vandal and Ortwin Gentz for development and publication.

Further details can be found here:

<http://www.inappsettingskit.com>

OpenSSL:

SongBook+ uses OpenSSL. Under the license terms, the following sentence must be mentioned:

“This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).”

30 Contact information

If you have any questions or feedback about SongBook+, please visit us at

<http://www.songbookplus.com>

You can find a contact form here to send us a message, a list of frequently asked questions, download links for the App Store, the latest version of this document and more.