🎵 Songbook Organizer - User Manual

Student Version

Version: 1.0
Date: June 2025
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📖 Program Info

The **Songbook Organizer** is a web-based application for managing and displaying songs in ChordPro format. The student version offers all essential functions for viewing, searching, and exporting songs without the risk of accidentally deleting or modifying songs.

What is ChordPro?

ChordPro is a simple text format for displaying song lyrics with chords. Chords are placed in square brackets `[C]` directly before the corresponding word.

Example:

```
[G]Amazing [C]grace how [D]sweet the [G]sound
That [G]saved a [D]wretch like [G]me
```

Target Audience

- **Music Students** - Safe usage without deletion risk
- **Guitar/Ukulele Players** - Clear chord display
- **Choirs and Bands** - Shared song collection

🚀 Quick Start

Starting the Program

1. **Open HTML file** in a modern web browser (Chrome, Firefox, Safari, Edge)
2. **Automatic Loading** - All available songs are loaded
3. **Start Page** - You see an overview of the most recently added songs
4. **Choose Language** - D E Deutsch or G B English in the header
5. **Navigation** - Switch between tabs: 📚 Songbook, 📋 Songs List, 📊 Statistics

Understanding the User Interface

- **Header** - Title, language selection, and master version button
- **Tab Navigation** - Switch between different function areas
- **Main Area** - Shows content of the selected tab
- **Song Cards** - Clear display of songs
- **Song Viewer** - Detailed view with chords

⚙️ Main Features

Available Functions in Student Version:

- ✅ **View and read songs** - Complete display with chords
- ✅ **Search and filter** - By title, artist, date, key
- ✅ **Export functions** - Songs as ChordPro, text, or formatted export
- ✅ **Chord display** - Above text, inline, or hidden
- ✅ **Multilingual** - German and English
- ✅ **Statistics** - Overview of song collection
- ✅ **Load/save songbook** - Import and export JSON files

🚫 Unavailable Functions:

- Add or edit songs - Only in master version
- Delete songs - Only in master version
- Import new songs - Only in master version

🖱️ Operation

📚 The Songbook Tab

Main view for daily work

Search Area

- 🔍 **Search Field** - Enter song title or artist
- 🔍 **Search** - Button to start search (or press Enter)
- ❌ **Clear** - Reset all filters

Songbook Management

- 💾 **Save Songbook** - Download current collection as JSON file
- 📂 **Load Songbook** - Upload JSON file and import songs

Filter Options

- **Date Filter** - Dropdown list with all available dates
- **Key Filter** - Selection by keys (C, D, E, F, G, A, B)
- **Combinable** - Multiple filters simultaneously possible

Song Cards

Each song card shows:

- **Title** (large font)
- **Artist** (italic)
- **Tags** - Date, key, tempo, difficulty
- **Action Buttons:**
  - 👁 **View** - Open song in viewer
  - 💾 **ChordPro** - Export as .pro file
  - 📄 **Text** - Export as .txt file

Song Viewer

Display songs in detail:

1. Click 👁 **View** on a song
2. The song viewer opens with complete text
3. **Choose chord display:**
   - **Above Text** - Chords above text line
   - **Inline** - Chords highlighted inline
   - **Hide** - Text only without chords
4. ❌ **Close** - Close viewer again

💡 **Tip:** The viewer also shows metadata like key, tempo, and date.

📋 The Songs List

Table view of all songs with export functions

Table Navigation

- **Sortable** - Click on column headers
- **Clear** - All song information at a glance
- **Responsive** - Also works on smaller screens

Multiple Selection

1. **Individual Selection** - Click checkboxes for desired songs
2. ☑ **Select All** - Mark all songs at once
3. ☐ **Deselect All** - Remove all markings
4. **Master Checkbox** - Checkbox in table header for quick selection

Batch Export

After selecting multiple songs:

- 💾 **Selected as ChordPro (.pro)** - Keep original format
- 📄 **Selected as Text (.txt)** - Text only without chords
- 🎵 **Selected Formatted (.txt)** - Text with chords above lines

Single Song Export

Each song can also be exported directly:

- 📄 **Button** - ChordPro export
- 📝 **Button** - Text export
- 👁 **Button** - Show song (switches to Songbook tab)

💡 **Tip:** Individual songs can be exported via the 📄 (ChordPro) and 📝 (Text) buttons in the Actions column.

📊 Statistics

Overview of your song collection

The Statistics tab shows three main metrics:

- **Total Songs** - Number of all songs in the collection
- **Avg Tempo** - Average tempo of all songs with BPM indication
- **Most Common Key** - The most frequently used key

💡 **Tip:** Statistics are automatically updated and help with collection overview.

💾 Export Functions

Understanding File Formats
ChordPro Format (.pro)

- **Complete** - Retains all chord information
- **Compatible** - Can be imported into other ChordPro programs
- **Metadata** - Contains key, tempo, date, etc.

Example Content:

```
{title: Amazing Grace}
{artist: Traditional}
{key: G}
{date: 2025-01-15}

[G]Amazing [C]grace how [D]sweet the [G]sound
That [G]saved a [D]wretch like [G]me
```

Text Format (.txt)

- **Text Only** - Without chords, only pure song lyrics
- **Print-friendly** - Ideal for printing lyrics
- **Compact** - Smallest file size
- **Metadata** - Contains key, tempo, date as header

Example Content:

```
Amazing Grace by Traditional

================
Key: G  Tempo: 95 BPM  Date: 2025-01-15

Amazing grace how sweet the sound
That saved a wretch like me
```

Formatted Text (.txt)

- **Readable** - Text with chords above lines
- **Musician-friendly** - Ideal for printing for instrumentalists
- **Clear** - Chords and text clearly separated
- **Metadata** - Contains key, tempo, date as header

Example Content:

```
Amazing Grace
by Traditional
================
Key: G  Tempo: 95 BPM  Date: 2025-01-15

G       C       D       G
Amazing grace how sweet the sound
G       D       G
That saved a wretch like me
```

Export Tips

1. **Individual Songs** - Use buttons in song cards or table
2. **Multiple Songs** - Select multiple songs in the songs list
3. **Separate Files** - Each song is downloaded as a separate file
4. **Download Folder** - Files go to your browser's standard download folder
5. **File Names** - Automatically generated as "Title - Artist.Extension"

⚠️ **Important:** With multiple selection, downloads are started sequentially (300ms delay between files).

❓ FAQ

General Questions

❓ Can I add my own songs?
🚫 No, in the student version no songs can be added, edited, or deleted. These functions are only available in the master version.

❓ What is the Master Version button?
The 🔓 **Master Version** button in the header allows switching to the extended version with all functions. This requires a password that only teachers or administrators have.

❓ Why do I only see 9 songs in the songbook?
The Songbook tab only shows the 9 most recently used songs for better overview. All songs can be found in the 📋 **Songs List** tab.

❓ Are my search filters saved?
🚫 No, search terms and filters are reset when the page is reloaded.

❓ Can I backup my song collection?
✅ Yes, via 💾 **Save Songbook** you can download your complete collection as a JSON file and later import it again via 📁 **Load Songbook**.

Technical Questions

❓ Can I use songs offline?
✅ Yes, once loaded songs also work without internet connection as long as you don't reload the page.

❓ Which browsers are supported?
The application works in all modern browsers:

- Google Chrome (recommended)
- Mozilla Firefox

- Safari
- Microsoft Edge

❓ Why are some songs not found?
Check:

- Spelling in search field
- Active filters (date, key)
- Click ❌ **Clear** to reset all filters

❓ Does it work on smartphones?
✅ Yes, the application is responsive and works on desktop, tablet, and smartphone.

Export Problems

❓ Export doesn't work?
Check:

1. Disable browser's pop-up blocker
2. Check download permissions
3. Sufficient storage space available
4. Multiple downloads - browser may only allow limited simultaneous downloads

❓ Where do I find the exported files?
Files are saved in your standard download folder (usually "Downloads").

🔧 Technical

System Requirements

Browser Requirements:

- **Modern Web Browser** (see FAQ list above)
- **JavaScript Enabled** - Absolutely required
- **No Installation** - Runs directly in browser
- **Platform Independent** - Windows, Mac, Linux, iOS, Android

Hardware Requirements:

- **Minimal RAM** - 512MB available
- **Internet Connection** - Only required for initial loading
- **Screen Resolution** - At least 800x600 (recommended: 1024x768 or higher)

Data Processing

Privacy and Security:

- **Local Processing** - All data is processed only in the browser
- **No Transmission** - Songs are not sent to external servers
- **Offline Capable** - No internet connection needed after loading
- **No Registration** - No user account required

Files and Storage:

- **Automatic Loading** - Songs are loaded from server at startup
- **Browser Downloads** - Exported files in download folder
- **JSON Import/Export** - Save and load songbook as file
- **Cache Storage** - Browser stores data temporarily

Troubleshooting

Page doesn't load correctly:

1. **Clear Browser Cache** - Press Ctrl+F5 (Windows) or Cmd+R (Mac)
2. **Check JavaScript** - Enable in browser settings
3. **Test Different Browser** - Use Chrome, Firefox, Safari, or Edge
4. **Internet Connection** - Required for initial loading

Songs not displayed:

1. **Songbook.json Available** - File must be present on server
2. **Network Problems** - Open browser developer tools (F12)
3. **Contact Administrator** - For persistent problems

Performance Problems:

1. **Close Browser Tabs** - Fewer open tabs = more memory
2. **Clear Cache** - Remove outdated data
3. **Restart Browser** - Free up memory
4. **Restart Computer** - For serious problems

Browser Developer Tools

For Advanced Users (press F12):

- **Console Tab** - Show JavaScript errors
- **Network Tab** - Check data transmission
- **Application Tab** - View LocalStorage contents

📞 Support and Contact

For questions or problems, contact:

Developer: Detlev Alaze
Website: Musikbegleiter.de
Year: 2025

🎵 Have fun with your digital songbook! 🎵

This manual refers to the student version of the Songbook Organizer. All functions of the master version are documented in a separate manual.