Chord Tracker Manual

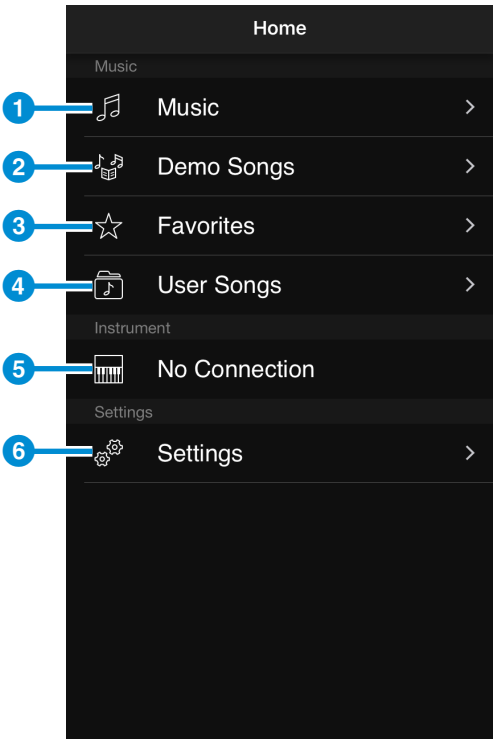
Chord Tracker is an app for a smart device, such as a smart phone or tablet, that can analyze audio data on your device for chords. These chords can then be used when practicing or performing on a musical instrument.
What's more, when connected to a supported instrument, this app can be used to send detected chord data to the instrument, or can be used to record your performances.

NOTE

- Information on supported instruments is available on the Yamaha website.
- On some instruments, the function for sending detected chord data cannot be used.
- Recording functions can be used on an instrument which supports wireless LAN connection or an instrument which has a USB audio interface function.
- Refer to the Smart Device Connection Manual for details on how to connect a smart device to your instrument.
- Offering cloud storage and file synchronization, Dropbox is a file hosting service operated by Dropbox Incorporated. Registered users can import audio files stored in the Dropbox to the Chord Tracker.

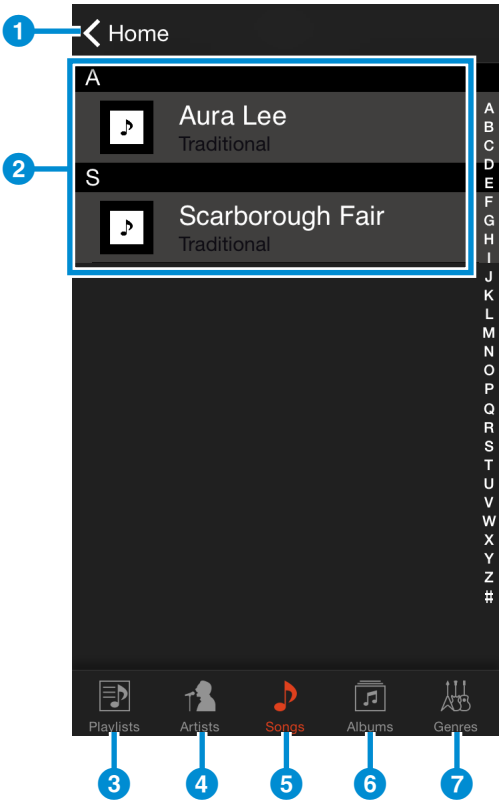
About this manual
The example screenshots as shown in this manual are taken from an iPhone.
These are for instructional purposes only, and may appear somewhat different from those on your device.

Home screen



1. Tap to switch to the Music Library screen (See page 3).
2. The list of Demo Songs will be displayed. Tap a song name to switch to the Player screen (See page 4).
3. Tap to display a list of your Favorite songs.
4. Tap to switch to the User Songs screen. This screen is used to record performances and to listen to recordings that you have already made (See page 9).
   Also, songs can be imported from the Dropbox.
5. The currently connected musical instrument.
   Tap to display a list of instruments to which you can connect. Tap a musical instrument in the list to switch the connection to it.
   In order to detect Bluetooth MIDI devices in the Android version, it is necessary to allow access to location information by this application. We do not use GPS to obtain your location information.
6. Tap to switch to the Settings screen (See page 10).

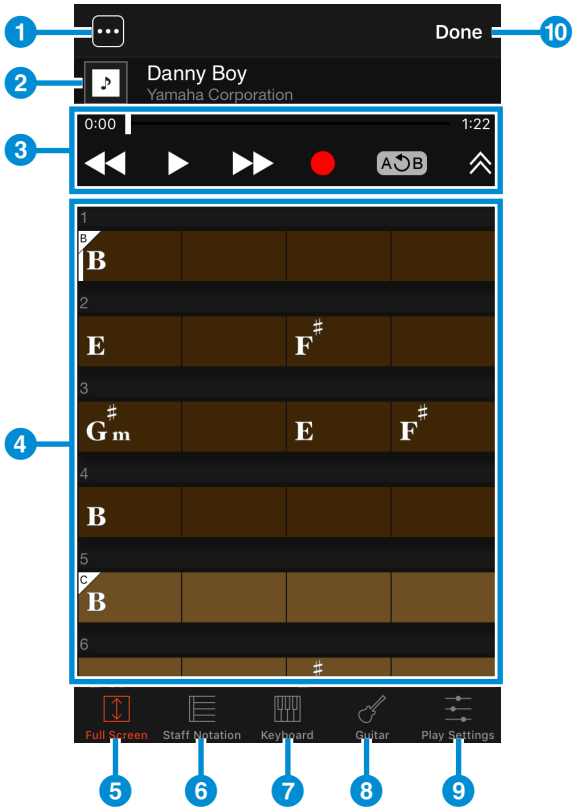
Music Library screen



1. Tap to switch to the Home screen.
2. Tap a song name to switch to the Player screen (See page 4).
3. Tap to display the playlists you have created.
4. Tap to display the songs on your smart device by artist.
5. Tap to display a list of all songs on your smart device.
6. Tap to display the songs on your smart device by album.
7. Tap to display the songs on your smart device by genre.

Player screen

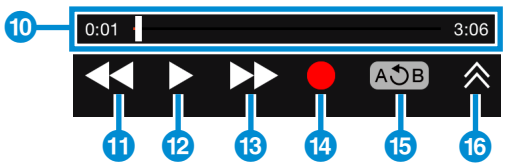
Opened by selecting a song on the Music Library screen, this screen is used to automatically analyze the song's chords.
Here, you can play the selected song, display its chords, and edit them if necessary.



1. Tap to open the Activity List screen (See the screenshot on page 5 for details).
2. Details of the selected song (i.e., name, artist, album, and artwork).
3. Transport area (See the screenshot on page 5 for details).
4. Chord Display area
   Each block corresponds to one beat from the song.
   Tap a block to move the playback-position cursor to the corresponding beat.
   Tap the block at the cursor position to open the Chord Edit screen (See page 6).
   Tap and hold a block to copy, paste, or delete. Whenever you perform an operation, [ ] is displayed. You can tap it to undo your last operation.

   NOTE
   Tap and hold a block to send the selected chord sequence to the currently connected musical instrument as Chord Looper Data. Depending on the instrument, this function may not be available.
5. Tap to maximize the Chord Display area.
6. Tap to display the chord at the cursor position using staff notation.
7. Tap to display the chord at the cursor position as notes on a keyboard.
8. Tap to display the chord at the cursor position using a guitar tablature (tab). You can tap [Capo] to set the capo position.
9. Tap to display the Playback Settings screen (See page 8).
10. Tap to close the Player screen.

Transport area in detail



10 Playback time and position
Here you can move the cursor and fast forward or rewind playback.

11 Rewind button
Tap once to move back by one measure.

12 Play/Pause button
Tap to start playback. During playback, tap once again to pause.

13 Fast Forward button
Tap once to move forward by one measure.

14 Record button
Tap to activate Record Standby mode, and then press the Play button to start recording. Tap the Pause button to stop recording.
When Record Standby mode is activated, you can deactivate it by tapping the Record button once again.

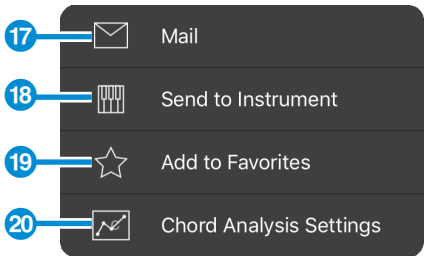
NOTE

- Recording is available only when connected via wireless LAN or a USB cable to a supported instrument. Note that the connection via a USB cable is available only for instruments with a USB audio interface function.
- Some instruments cannot record from the Player screen.

15 AB Repeat button
Tap to set Point A to the cursor position at that time. Tap once again to set Point B to the cursor position at that time.
The region between Point A and Point B will be repeatedly played in looped fashion. Tap once again to stop repeating and return to normal playback.

16 Tap to toggle on and off the display of song information.

Activity List screen



17 Tap to send a recording by e-mail (This button is displayed only for recordings that you have made).

NOTE

Unauthorized copying of copyrighted music and sound data for purposes other than the purchaser's personal use is prohibited.

18 Tap to send the chord sequence to the currently connected musical instrument as a Song file. The recommended style for the song can also be included in this file.

NOTE

- It may not be possible to send a chord progression if the file name is not in English.
- Depending on the instrument, this function may not be available.

19 Tap to add the currently selected song to your Favorites.

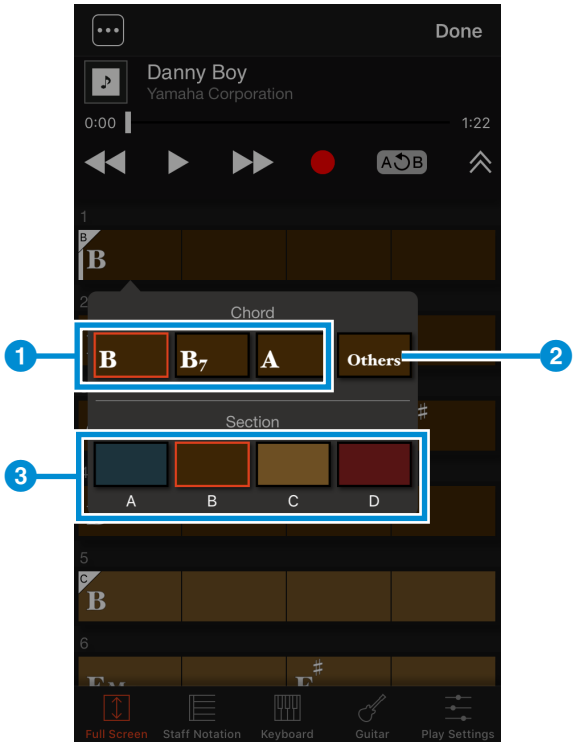
20 Tap to display the Chord Analysis Settings screen (See page 7).

Chord Edit screen

Chord Tracker can analyze chord data with a high degree of accuracy, but in some cases, the detected chord progression may differ from that of the original song.
In such a case, you can tap the block at the cursor position to open the Chord Edit screen and edit its chord and section.

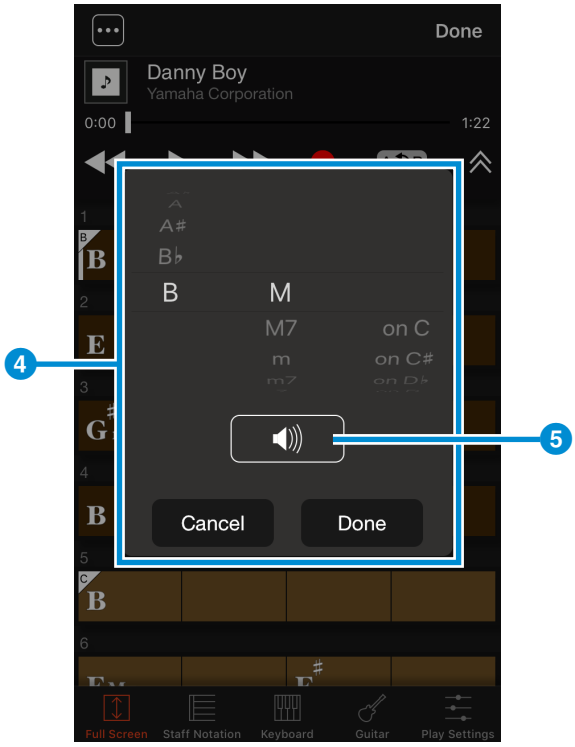
NOTE
Sections are distinct, individual parts of a song such as the intro, chorus, and ending.

Screenshot 1



1. Possible chords based on analysis
   Tap to change the chord and hear its constituent notes.
2. Tap to open a window for freely selecting chords (See screenshot 2 for details).
3. Used to set Song sections.
   Tap a section to set it for the current block and all subsequent blocks.
   Tap a selected section once again to cancel the selection.
   If “Section Auto Detection” from the Settings screen is turned on, sections are automatically detected.

Screenshot 2

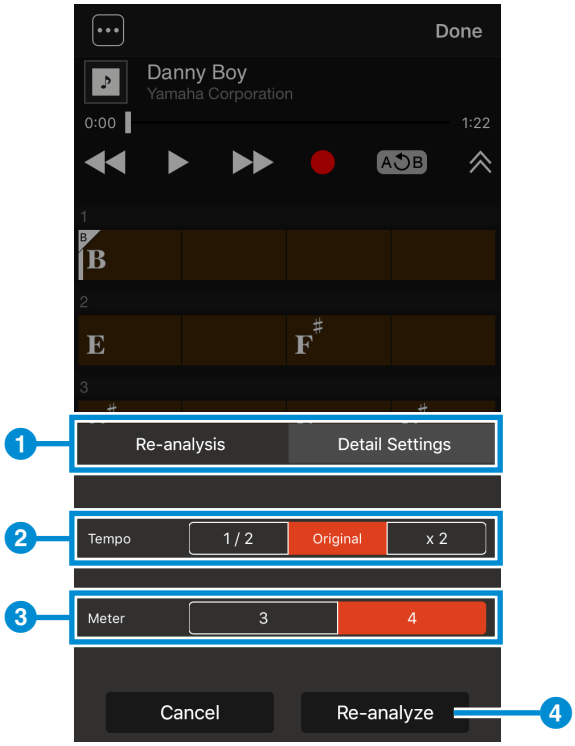


4. Window for freely selecting chords
   From the left, you can specify the chord root, chord type, and bass note.
5. Tap to hear the selected chord’s constituent notes.

Chord Analysis Settings screen

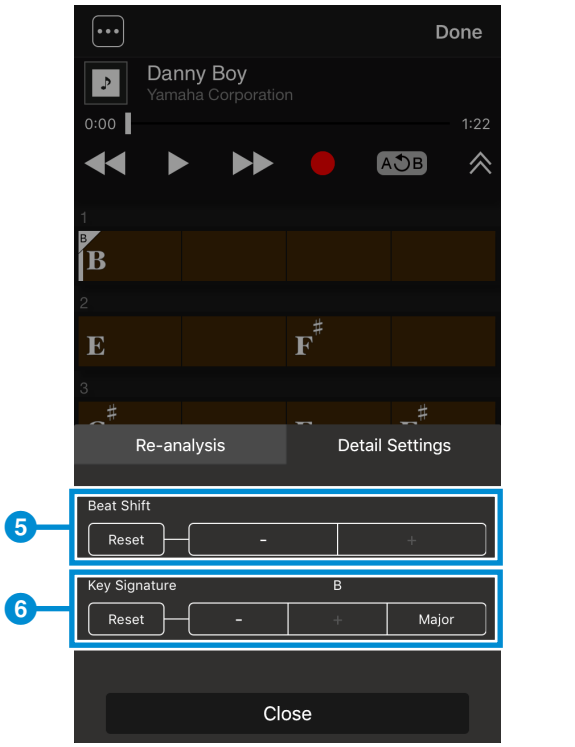
When analyzing chords, Chord Tracker can also detect tempo and other musical attributes. If the detected tempo and other musical attributes do not match those of the original song, adjust the analysis settings on this screen.

Re-analysis



1. Used to switch between chord re-analysis settings and advanced settings.
2. Used to set the tempo for chord re-analysis.
   In specific terms, you can choose the tempo that was originally detected and the tempos that are half and twice that.
3. Used to set the beats per measure for chord re-analysis.
4. Tap to start re-analysis of chords.

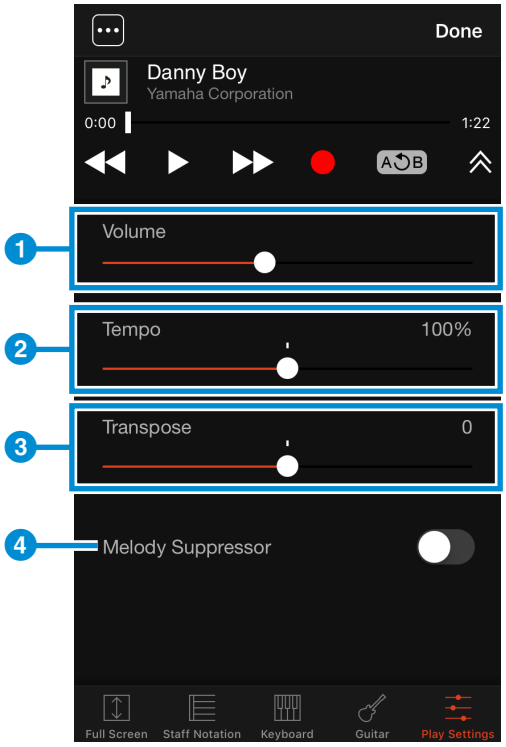
Detail Settings



5. Used to adjust the measure start position.
   Tap the “-” and “+” buttons to shift the start position backwards or forwards in units of one beat.
6. Used to change the key of the song.

Playback Settings screen

This screen is used to set playback-related parameters.



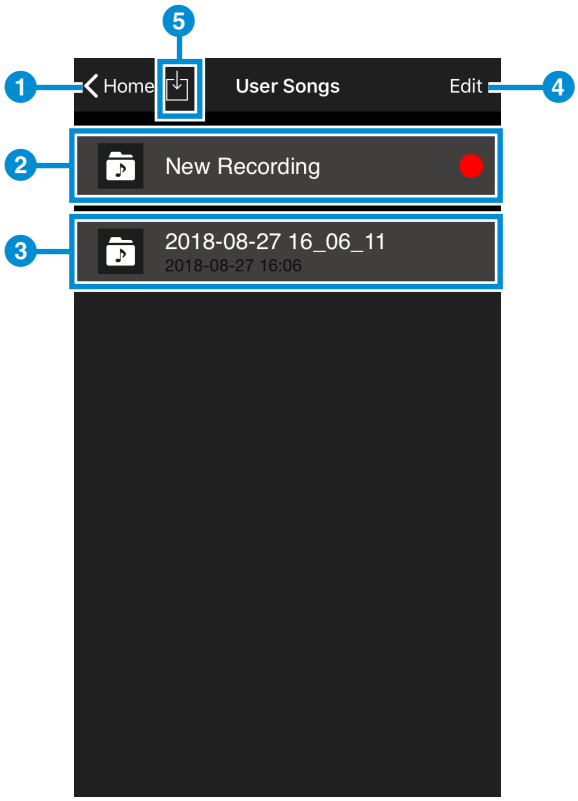
1. Used to change the volume.
   If wirelessly connected to a musical instrument, the volume of the audio data being sent to the instrument is changed. In other cases, the device's volume is changed.

2. Used to adjust the tempo.

3. Used to transpose and change the key.
   When the key is changed, the chords will also change automatically in response.

4. Used to turn Melody Cancellation on or off.
   This function can be used to cancel (or minimize) the sound occupying the center of the stereo field.
   Vocals and other melodic parts are usually panned to the center; therefore, cancellation of these sounds can be useful when you want to play melodic parts on a keyboard.

User Songs screen



1. Tap to switch to the Home screen.

2. Tap [●] to start recording.

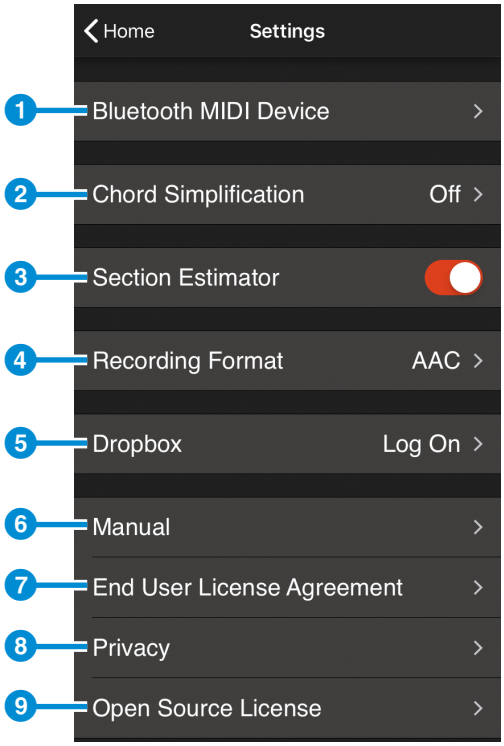
   NOTE
   Recording is available only when connected via wireless LAN or a USB cable to a supported instrument. Note that the connection via a USB cable is available only for instruments with a USB audio interface function.

3. List of User Songs.
   Tap to switch to the Player screen (If you have not made any recordings or imported songs from Dropbox yet, this area will be empty).

4. Tap to switch to the Edit screen.
   This screen is used to rename and delete User Songs.

5. After log-in to the Dropbox, tap to import songs from the “Apps/Chord Tracker” folder in the Dropbox.

Settings screen



1. Tap to select the instrument to connect via Bluetooth MIDI.

   NOTE
   This is not displayed in the Android version.

2. Tap to select the settings for simplifying Chord Analysis results.

3. Tap to determine whether sections are automatically detected or not.

4. Tap to select the recording format.

   AAC: Compressed audio format. The data size is smaller than that of WAV format.

   WAV: Uncompressed audio format. The sound quality is higher than that of in AAC format.

5. Tap to log in or out of Dropbox.

6. Tap to display the manual.

7. Tap to display the License Agreement.

8. Tap to make the privacy related settings.

9. Tap to display the License information.

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