



# Camtronomie

More than a metronome



User's manual

# Table of Contents

[Simple metronome mode](#)

[Time signature settings](#)

[Metronome rhythm](#)

[Practice mode](#)

[Playlists](#)

[Playlist player mode](#)

[Playlist editor](#)

[Audio track with metronome](#)

[Editing, removing and exporting playlists](#)

[Loops](#)

[Main menu](#)

[Practice charts](#)

[Achievements and rewards](#)

[License management](#)

[Settings](#)

[Quick actions settings](#)

[Recording settings](#)

[Speech synthesis settings](#)

[Camtronomie Cloud](#)

# Simple metronome mode

**Options** – application's main menu (p. 24)

**Quick add metronome** - opens dialog to quickly add current simple metronome settings to existing or new playlist

**Time signature settings** (p. 4)

**Metronome wireframe** – allows setting metronome accents. When metronome is playing, it also shows current note being played (p. 5).

Tempo decrease

Tempo increase

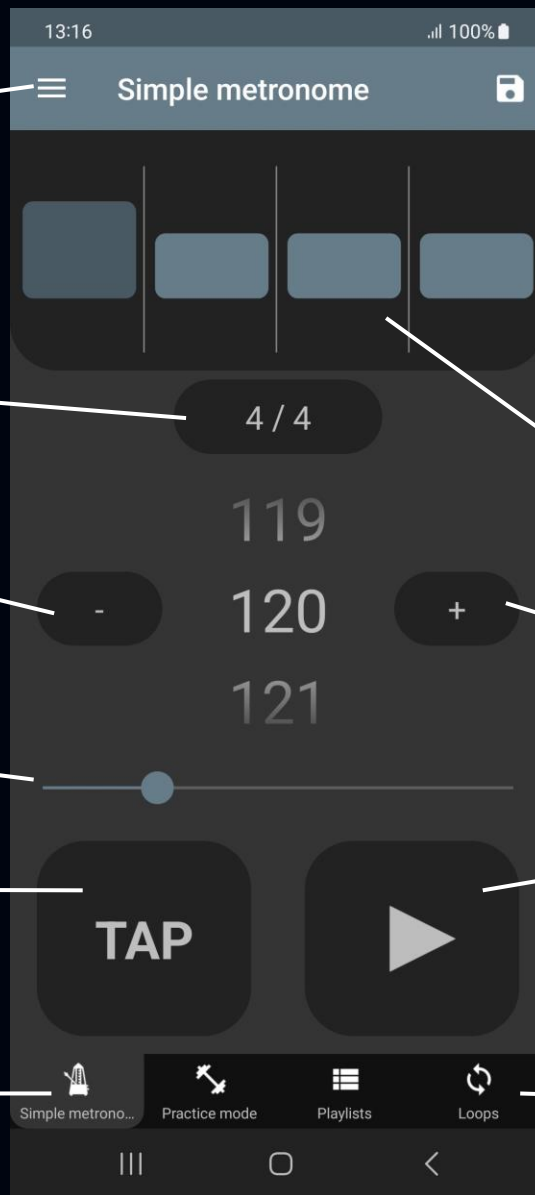
Tempo change slider

**Tap tempo** – allows setting tempo by tapping

**Play button** – start or stop metronome

**Metronome mode** - at this point a simple metronome is selected

Switch tabs to:  
Practice Mode (p. 6)  
Playlists (p. 9)  
Loops (p. 22).









# Time signature settings

The screenshot shows the 'Simple metronome' app interface. At the top, the status bar shows 13:16 and 100% battery. The app title 'Simple metronome' is in the header. Below the header is a 'Metronome wireframe' consisting of four blue rectangular blocks. The main display shows a time signature of 4/4, with '3' and '24' above the numbers, and '5' and '8' below them. A 'Rhythm library' button is visible below the time signature. At the bottom, there are 'TAP' and play buttons, and a navigation bar with icons for 'Simple metrono...', 'Practice mode', 'Playlists', and 'Loops'.

**Bar wireframe – notes rhythm value in bar**

**Possible Bar wireframe settings:**

-  quarter note
-  eighth note
-  triplet
-  sixteenth note
-  quintuplet
-  sixtuplet

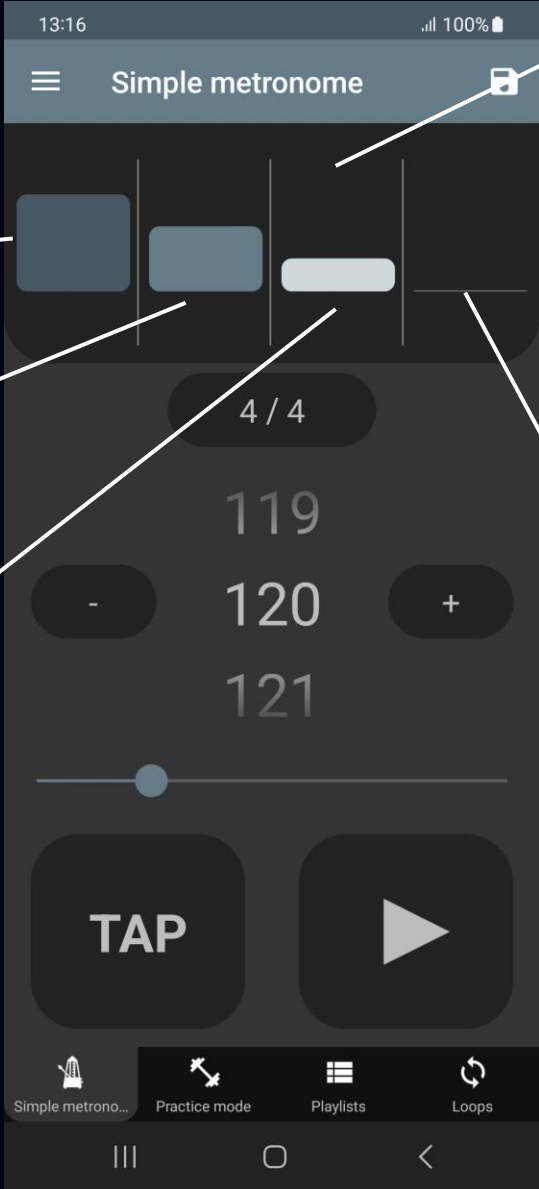
**Metronome wireframe**

**Ticks per bar – total number of notes in one bar**

**Hide time signature settings window. The changes made are saved.**

**Rhythm library – quick setting to one of the popular rhythms (e.g. shuffle, gallop, syncopation)**

# Metronome rhythm and sounds



The screenshot shows the 'Simple metronome' app interface. At the top, the status bar shows the time 13:16 and 100% battery. The app title 'Simple metronome' is centered. Below the title, there are three colored bars (blue, light blue, and white) representing different sounds. A '4 / 4' time signature is displayed. Below that, the tempo is set to 120, with minus and plus buttons. A volume slider is visible. At the bottom, there are 'TAP' and play buttons. The bottom navigation bar includes icons for 'Simple metrono...', 'Practice mode', 'Playlists', and 'Loops'.

**New bar** – new bar sound.

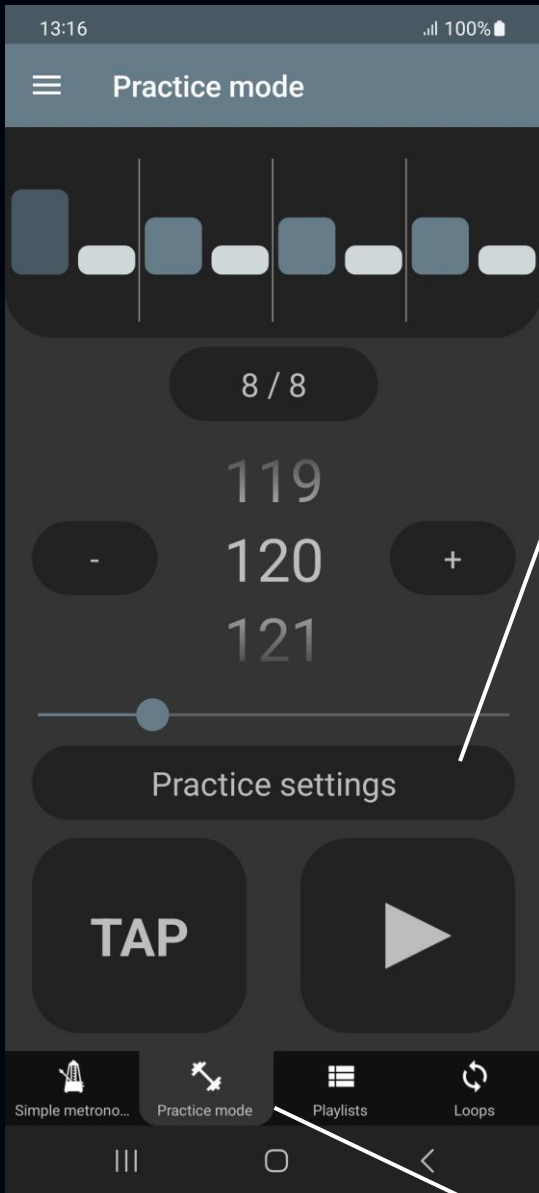
**Accent**

**Helper note**

**Metronome rhythm** – tapping particular notes changes its sound. 3 sounds and note mute are available.

There is also an option to change each note's sound to a sound from the list of sounds available in the application (p. 35).

**Mute** – note is not audible.



# Practice mode

**Practice settings button** – launches window with practice mode settings.

**Practice settings window contains 6 options:**  
increasing and decreasing tempo, random tempo, cyclic metronome mute, random metronome mute and enable timer. One tempo change option can be combined with one muting option.



Start by selecting the "Practice mode" tab in the bottom bar of the tabs

# Practice mode



Tempo increase switch

BPM value by which the tempo should change every specified interval

Interval switch - by clicking in the box, seconds can be changed to bars.

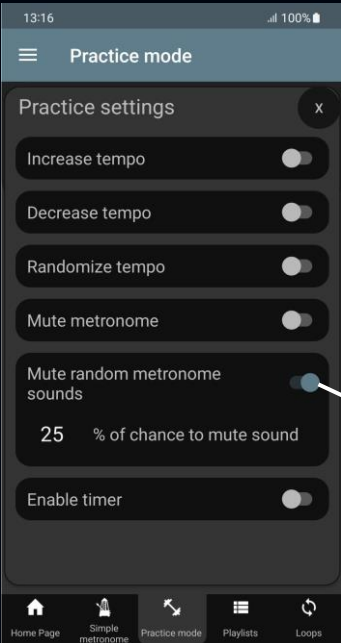
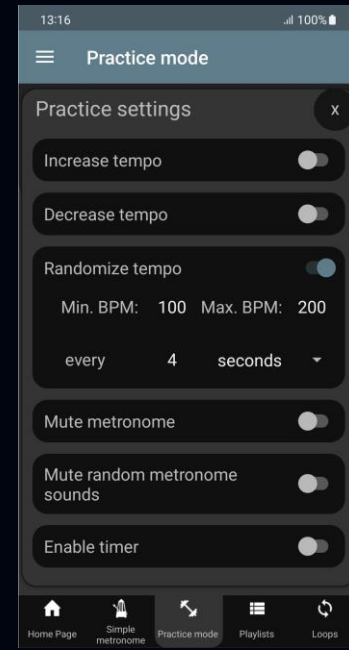
Length of an interval to be followed by a change of tempo

## Decreasing and increasing tempo:

There are three modes to choose from to change the tempo (increase, decrease and random).

## Randomize tempo:

Set the minimum and maximum range within which the tempo will be drawn. The draw interval is also set.



## Random muting:

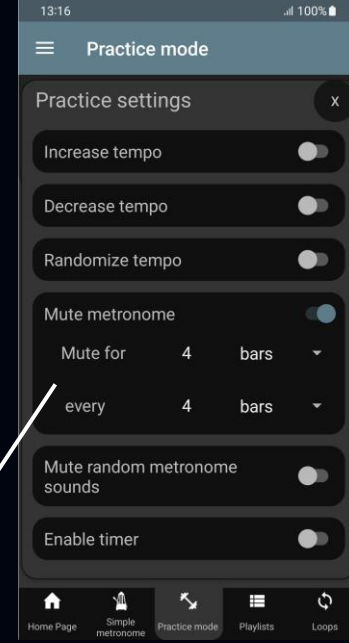
Enter % chance of which each note will be muted

## Muting metronome:

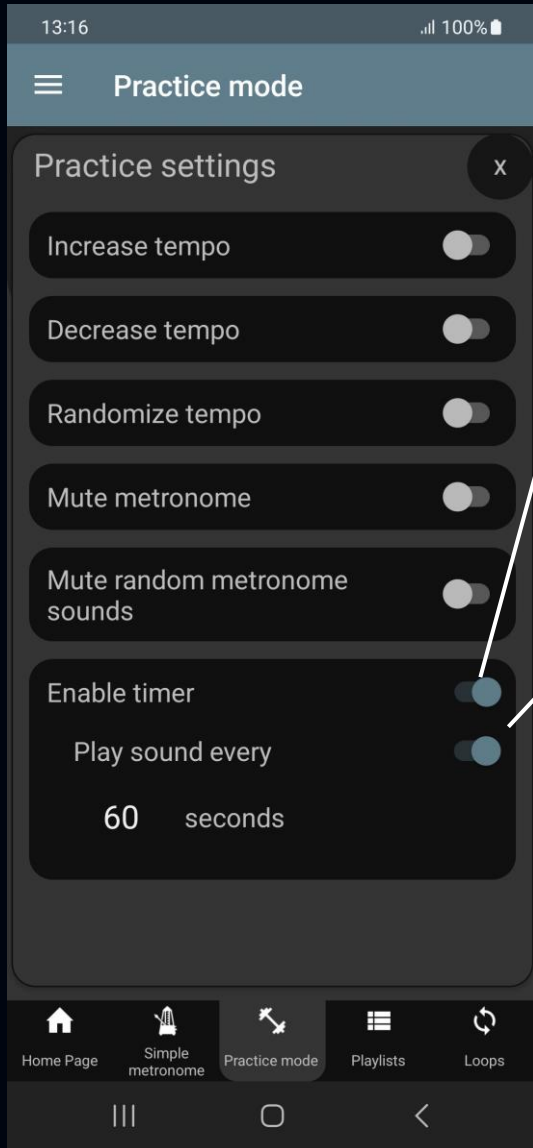
It is possible to mute metronome randomly or every selected bar number/ time interval

## Cyclic metronome muting:

mute 4 bars every 4 bars - in this mode, after four bars have been played, the next four bars will be muted.



# Practice mode

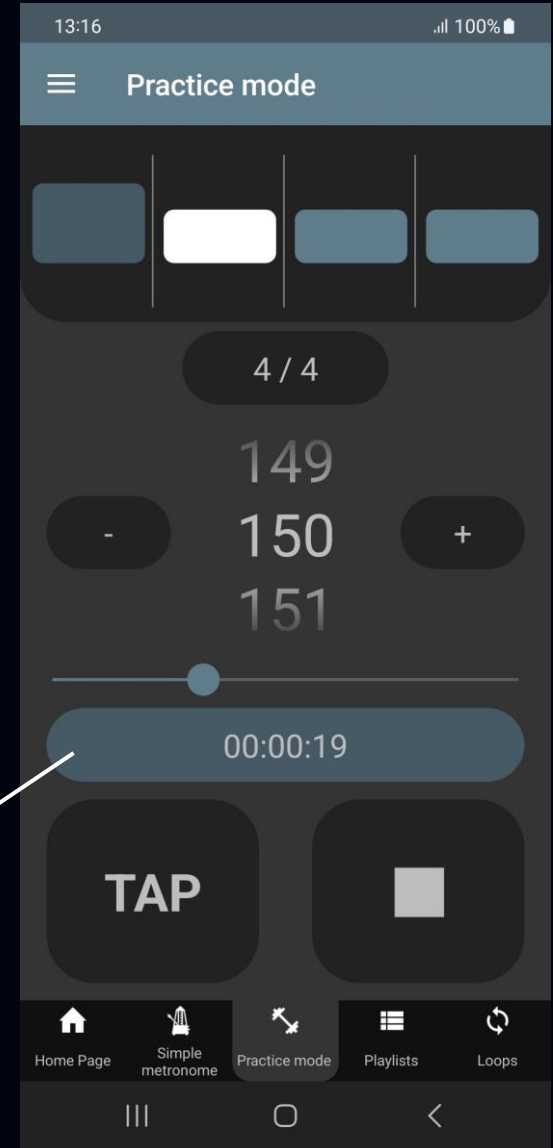


Timer switch

The timer shows the time spent on the current exercises in practice mode. The time resets to zero after stopping the metronome..

An option to play a sound every specified time interval is available.

The elapsed time since the metronome was started in practice mode with the timer on.





# Playlists

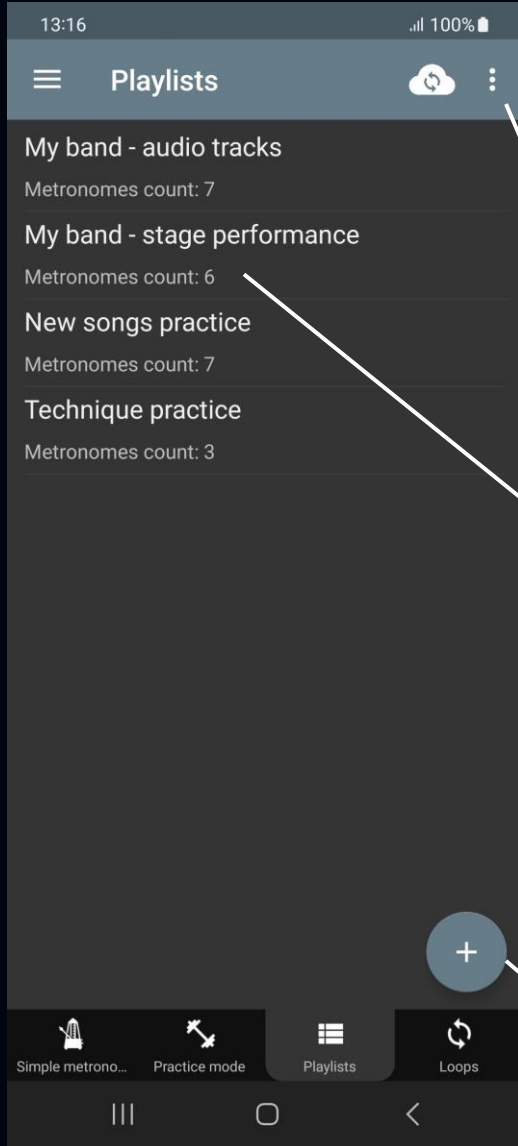
Playlists allow you to organize metronomes into groups. Playlists consist of metronomes (you can think of them as song equivalents) and metronomes consist of metronome sequences (you can think of them as individual fragments of a song. If the tempo and time signature changes in a song, each fragment will be represented by a sequence, simple songs will consist of one sequence). Audio tracks and audio tracks with an overlaid metronome can also be imported into playlists.

Playlist cloud sync icon (p. 21). When you expand the rest of the menu (three dots), you will see the option to import a playlist (.ctp).

Playlist name and number of metronomes it contains

After tapping playlist, a **playlist player page** is opened. **Long tap** (slide left on iOS) opens context menu with remove and edit options (and additionally export on Android).

Button adding new playlist (p. 13).



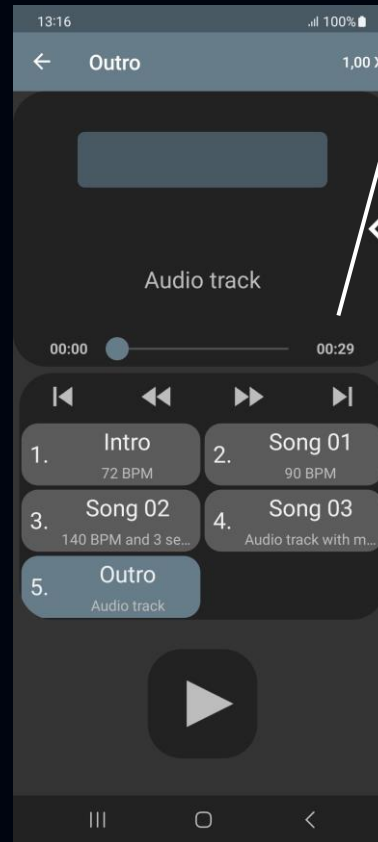
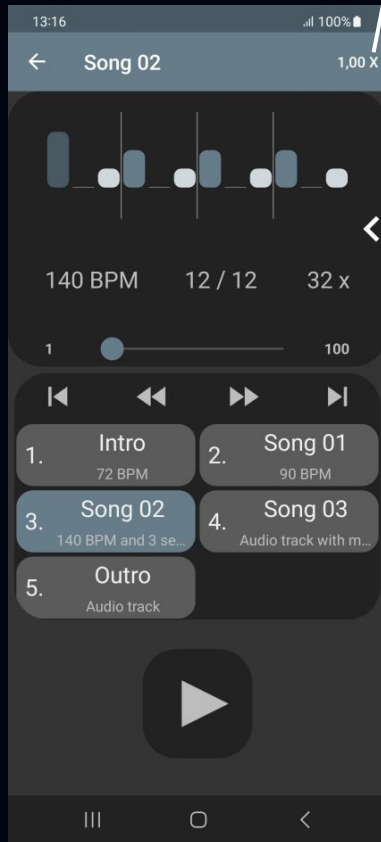
# Playlist player mode

The playlist can include four types of tracks:

- **metronome** (simple or complex)
- **audio tracks**
- **audio tracks with metronome (p. 16)**
- **loops (p. 22)**

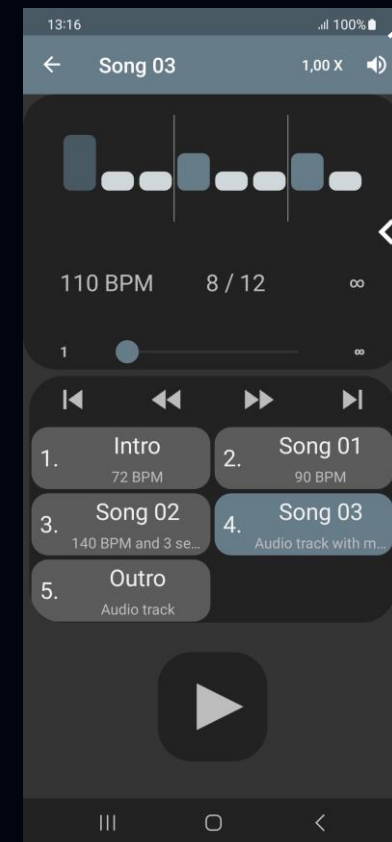
A complex metronome (consisting of three sequences). The first sequence is repeated for 32 bars.

Tempo multiplier.



The duration of the audio track is given in minutes.

Volume settings (metronome and audio balance) are also available for the metronome audio track.



Audio tracks can also have markers assigned to them, for which speech synthesis will also work. For audio tracks, the position of the marker should be specified in minutes.

# Playlist player mode

The screenshot shows a mobile application interface for a playlist player. At the top, the time is 13:16 and battery is at 100%. The current track is 'Intro' with a tempo multiplier of 1.00x. Below this is a wireframe of the current sequence, followed by the tempo (72 BPM) and time signature (8/8). A slider indicates the current metronome sequence's position, with '1' on the left and '∞' on the right. A list of five tracks is shown below: 'Intro' (72 BPM), 'Song 01' (90 BPM), 'Song 02' (140 BPM and 3 se...), 'Song 03' (Audio track with m...), and 'Outro' (Audio track). At the bottom, there are buttons for recording (a red circle) and play (a white triangle), and a camera preview window showing a piano keyboard.

Current metronome name

Tempo multiplier. Can slowdown or speedup all metronomes, audio tracks (and audio track with metronomes - Android only). Great tool for practicing new songs or song covers (slowing down audio tracks).

Current sequence's time signature

Current metronome wireframe

Current sequence's tempo

Tapping this opens metronome markers list (creating markers p. 15, marker reading settings p. 38).

Previous metronome

Value showing current metronome sequence's number of bars remaining (in this case – infinity).

Metronomes (and audio tracks) list of loaded playlist. Metronome being played is marked by different background color.

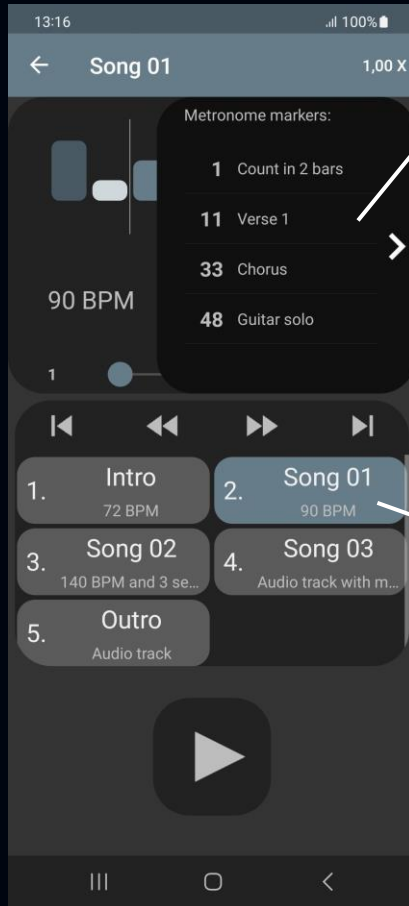
Current metronome (or audio track) position slider. Value on the left side shows current bar number and total bar count on the right side. Infinite sequence shows ∞ symbol on the right side. When audio track is being played, both values shows current and total time.

Next metronome

Start or stop recording. Shows up only when recording mode is enabled.

Camera preview. Shows up only when recording mode is enabled. When disabled, less battery is used (recording settings – p. 31).

# Playlist player mode



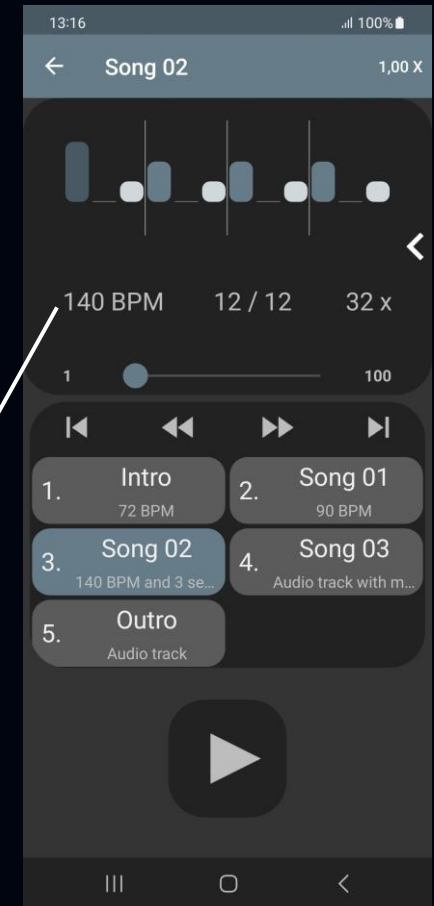
Expanded window with bar numbers and metronome marker names (in case the song is an audio track, the time in minutes and seconds will be given instead of the bar number). The markers will be read if the speech synthesizer mode is enabled.

Playlist's metronome contains at least one metronome sequence. In cases of complex songs with tempo/rhythm/time signature changes over time, metronome has more metronome sequences. Each sequence defines tempo, rhythm, time signature and bar count of one song part.

An example of a simple metronome - this one consists of a single sequence.

An example of a complex metronome - this one consists of three sequences (and 100 bars). The first sequence has 140 BPM and will be played 32 times.

Recording mode disabled – camera preview and recording buttons are gone.



# Playlist editor

After pressing Add playlist button (p. 9), playlist creator window is opened



Changing the order of metronomes

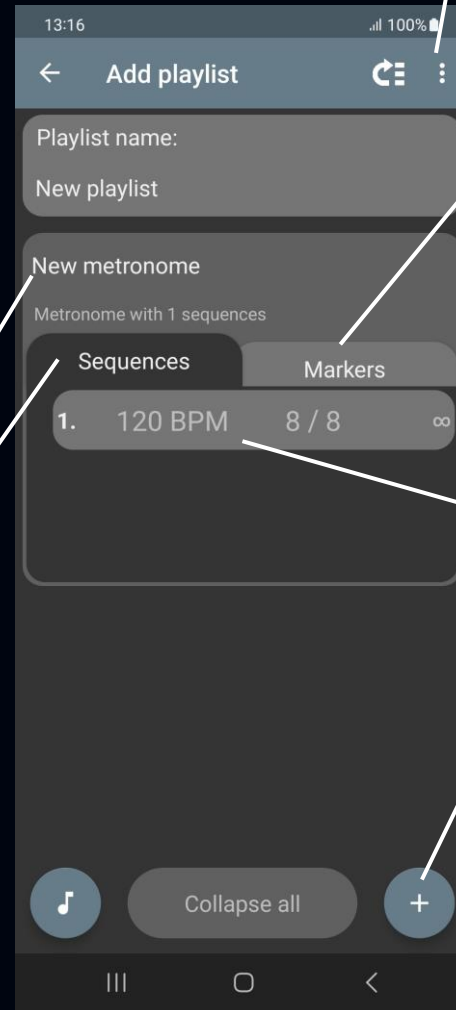
Text field to enter **playlist name**.

Button to create a metronome (consisting of a single sequence by default).

Text field to enter **metronome name**

Tapping this button expands metronome's sequences.

Options - you can import a metronome (.ctm) file into a playlist



Tapping this button expands metronome's markers list. When metronome markers are expanded, tapping + button launches new metronome marker editor dialog.

Clicking on a sequence will launch its editing window.

Clicking this button when the metronome is expanded will add another sequence to it.

When all metronomes are collapsed, the button will add a new metronome.

Add audio track button.

# Metronome sequence editor dialog

The screenshot shows a mobile application interface for editing a metronome sequence. The title bar at the top reads 'Add playlist' with a back arrow on the left and a refresh icon on the right. The main content area is titled 'Edit metronome sequence'. At the top of this area is a 'Tempo change panel' consisting of a horizontal slider and four buttons. Below this is a 'Ticks per bar' section with a central display showing '119', '120', and '121', and minus/plus buttons. A sequence wireframe is shown as a horizontal line with a blue dot. Below the wireframe are two columns of numbers: the left column has '7', '8', '9' and the right column has '4', '8', '12', separated by a slash. A 'Repeat forever' toggle switch is to the right. Below that is a 'Repeat until start of bar number:' field with '33' and a 'Loops:' field with '32'. At the bottom are 'Cancel', 'Play sequence' (with a play button), and 'Ok' buttons. The bottom of the screen shows a navigation bar with three icons: a vertical bar, a circle, and a left arrow.

Tempo change panel – slider and buttons.

Ticks per bar. Settings are analogous to simple metronome.

Sequence wireframe. Settings are analogous to simple metronome.

It is possible to create an endless sequence. This kind of sequence must be the last in the metronome (useful feature when e.g. song outro is an improvisation and doesn't have fixed length).

Repeat until start of the bar number. Changing the value in this field causes a change in the „loops" field.

Above mentioned fields are linked. Setting loop count value 32 means that it is repeated until start of the bar number 33.

Number of loops. Related to the field , "repeat until start of bar number"

Discard changes

Play sequence

Apply changes

## Metronome marker editor dialog

It is possible to define metronome's markers which can inform whether time signature changes or chorus/verse is to begin. You can easily navigate to any song's part.

In order to delete metronome's sequence or marker long press desired item and click trash bin icon that appears at the top of the screen.

The bar at which the marker is to be read. For audio tracks, the tag reading time in minutes should be specified.

Marker's name that is read when metronome reaches particular bar.

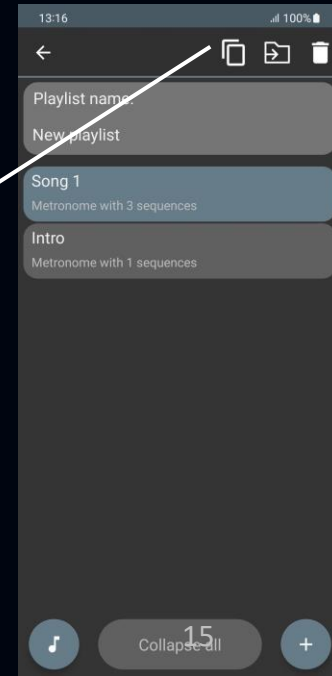
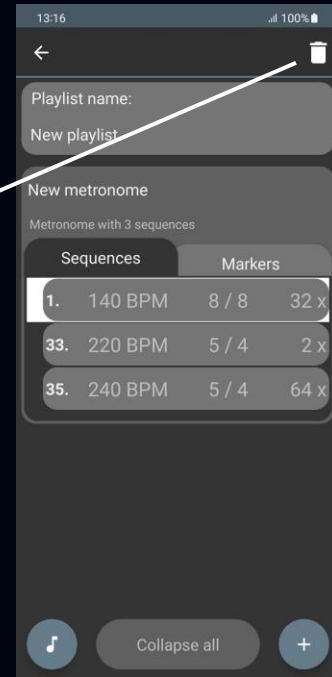
Metronomes' reorder mode - tap to change order of metronomes within this playlist.

## Available options for the metronome

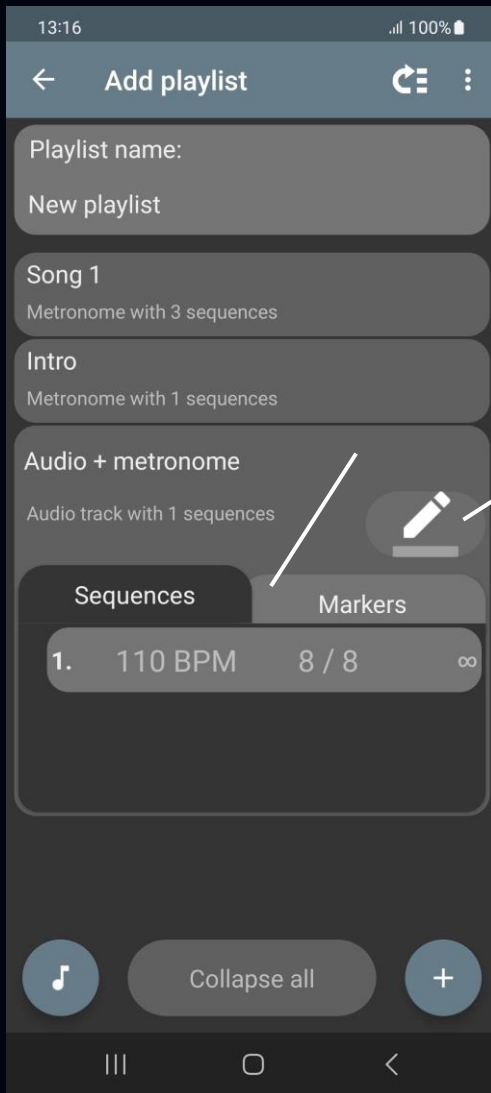
A metronome (song) can contain e.g. 3 sequences: 32 bars in 8/8 and tempo 140 BPM, 2 bars in 5/4, tempo 220 BPM and 64 bars in 4/4, tempo 240.

A longer press on the metronome will bring up a bar with options - duplicate, move to another playlist and delete.

Click "Collapse all" button (or system's back button in Android) in order to collapse metronome (with its sequences and markers) and start adding new metronome. When all metronomes are collapsed, two buttons for creating new metronome are visible at the bottom of the screen.



# Audio track with metronome



You can add a track with a metronome in two ways: first, add a metronome (+ button) and then, with the metronome expanded, press the note (a window to select an audio file will open). You can also import the audio file first and then, with the track expanded, add a metronome.

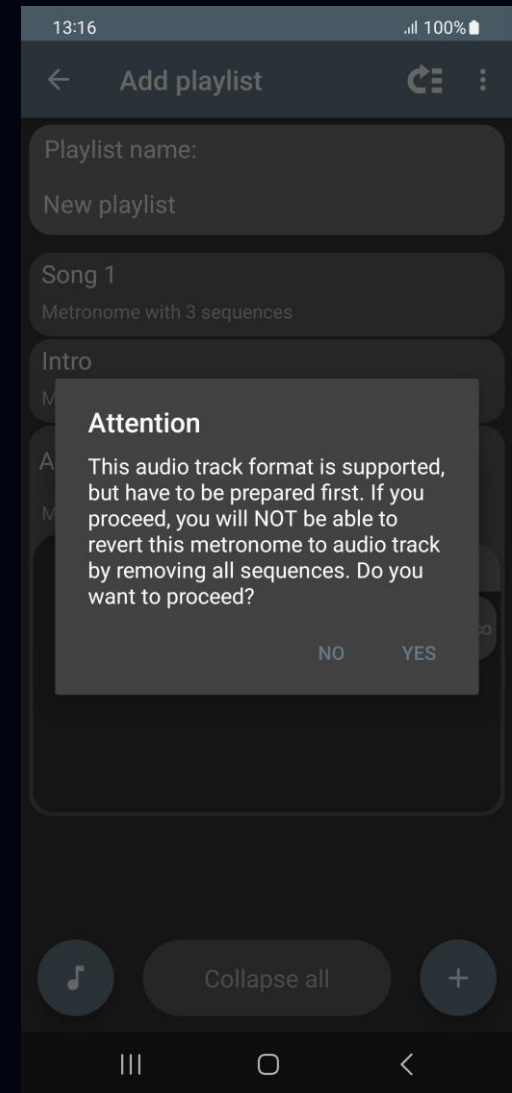
Audio track with metronome settings (page 16)

Supported audio track with metronome formats:

- Mp3 stereo 44.1 kHz
- WAV PCM stereo 16 bit 44.1 kHz

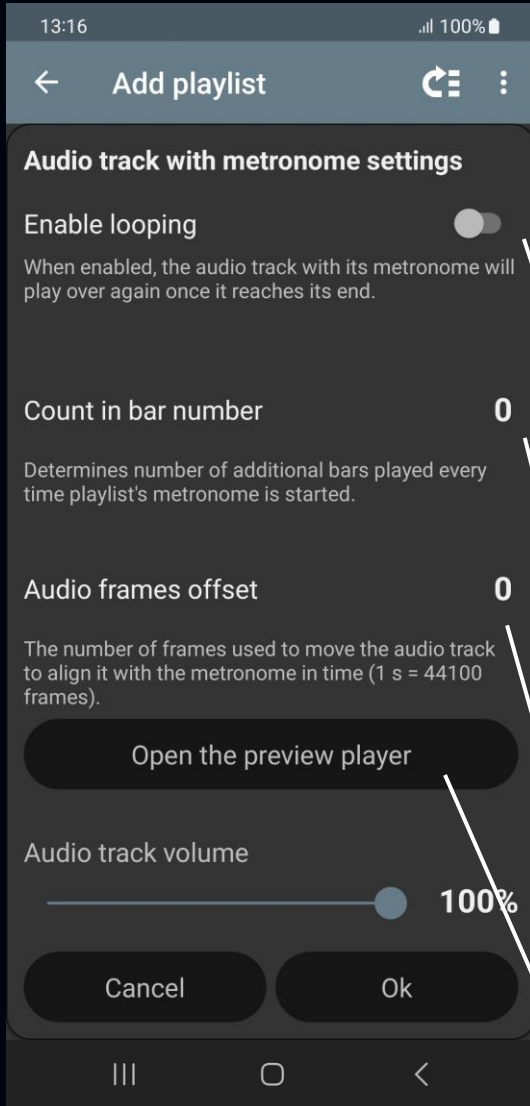
Only tracks in this format will then be prepared by the program for further use.

For the audio tracks themselves, it is possible to import other formats as well (the only limitation is that imposed by the device manufacturer), but only to the tracks listed above will you be able to add metronome sequences.





# Audio track with metronome settings



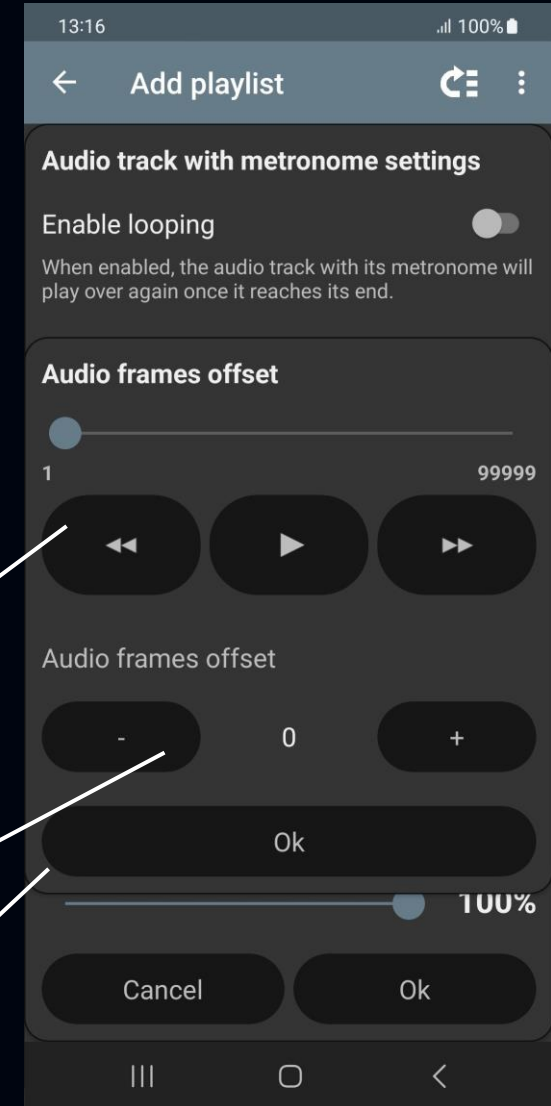
The length of an audio track with metronome is determined by the length of the metronome. If the audio track is longer than the length of the metronome, the audio track will cut off as the metronome's beeping ends. If the metronome has been set as an infinite sequence - when the audio track finishes, it will beep until you manually stop playing.

It is possible to set the audio track to loop so that it plays again until the metronome ends.

The count in bars played at each startup - must be set separately for each audio track with metronome. **Global settings are not applied to audio tracks and audio tracks with metronome (page 34).**

Offsetting the audio track relative to the metronome allows you to precisely match the metronome to the backing track.

Player - allows you to listen to an audio track with a metronome to verify the correctness of the track overlay.

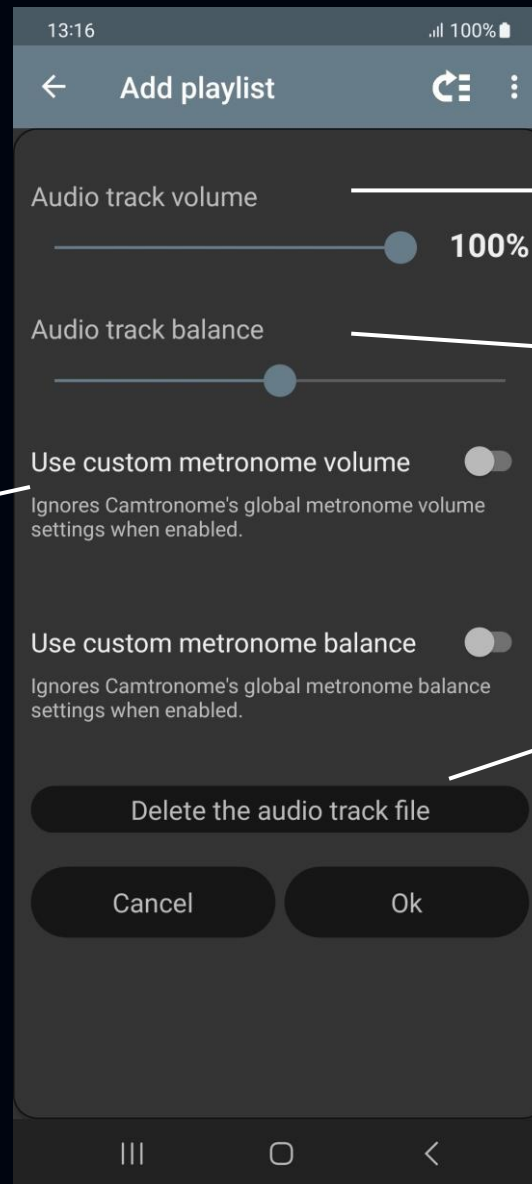


Slider and buttons that allow you to navigate through the song you are listening to in order to verify its alignment in time with the overlaid metronome

Buttons for setting frame offsets

# Audio track with metronome settings

By default, the metronome will be played with global settings (p. 33), but you can set custom volume and balance values for each audio track with a metronome.

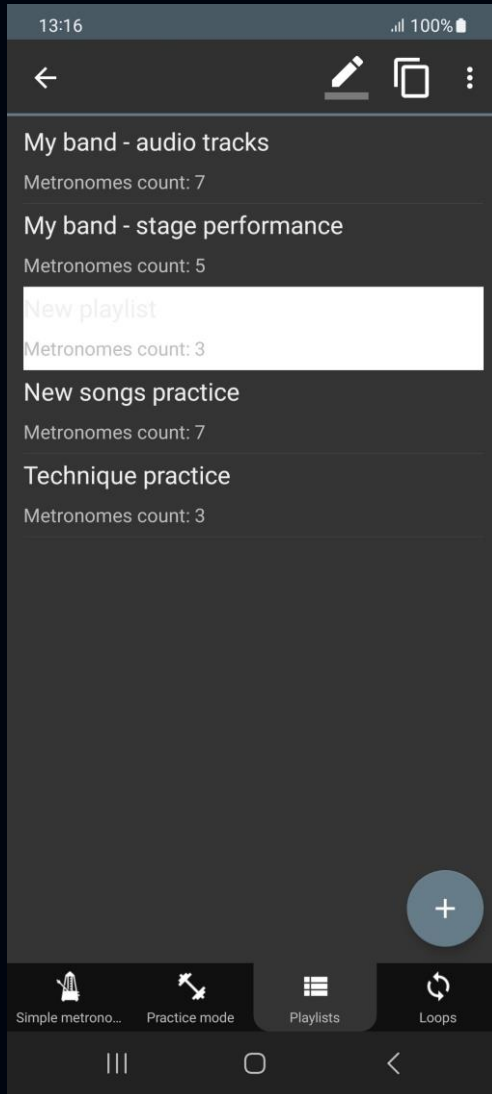


Audio track volume. 100% means playback at the original recording volume.

Audio track balance. Useful when you want to split the audio track and metronome signal into left and right channels.

Deleting the audio file will convert it to a metronome - the provided sequences will be retained.

# Editing, removing and exporting playlists



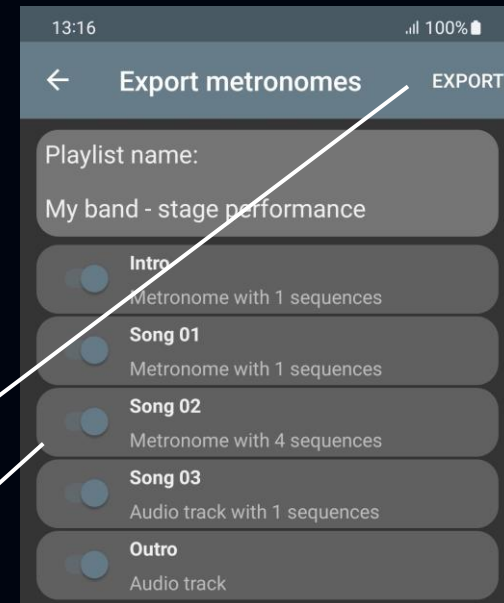
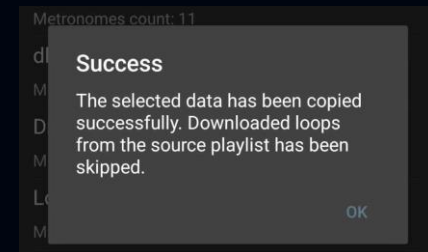
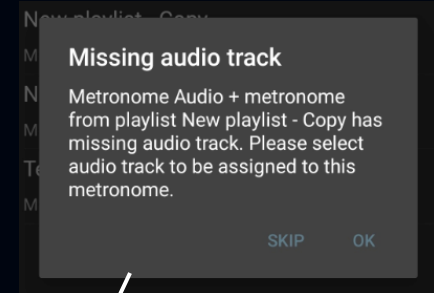
Longer press on the playlist (swipe left on iOS) will bring up a context menu at the top of the screen (at the level of a specific list on iOS). It is possible to edit, duplicate, export (Android only) and share the playlist (some of the options appear by clicking on the three dots).

When the **edit** option is pressed, the given playlist will be opened in the playlist creator mode (page 13).

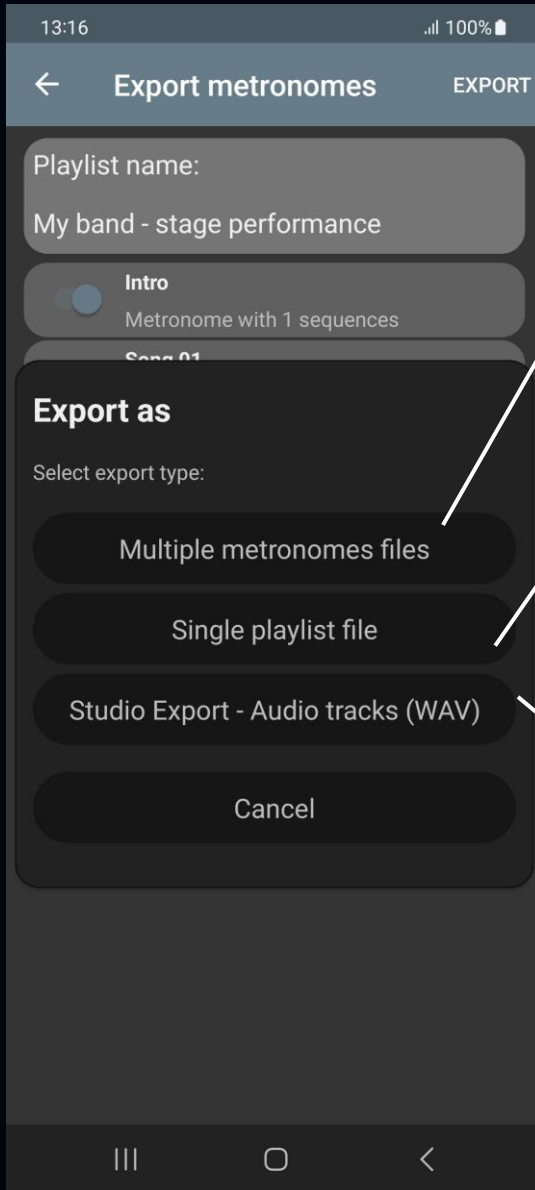
When you press the duplicate icon, a copy of the playlist will be created. Files from audio tracks will be skipped (you will have to indicate them manually - a message will be displayed when you try to edit or play). Loops will also be skipped.

The export (Android only) and share (Android and iOS) options differ only in that with share the created files can be sent (e.g., by email), while with export they can be saved locally on the device. In iOS, there is no option to save the created files - only the share option is available. After pressing the export option, a list of song selections will open. Confirming the selection by clicking the export option will open the export window.

Switches which indicate which metronomes to be exported.



# Playlist export



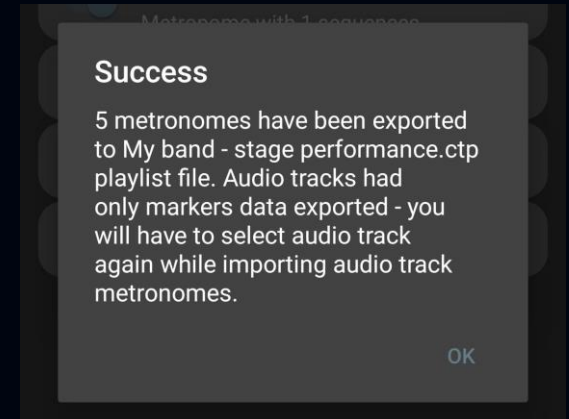
When this option is selected, multiple metronome files will be exported (for example, 5 songs were selected - 5 \*.ctm files will be created), which can later be imported into playlists.

Selected metronomes will be exported as a single \*.ctp playlist file

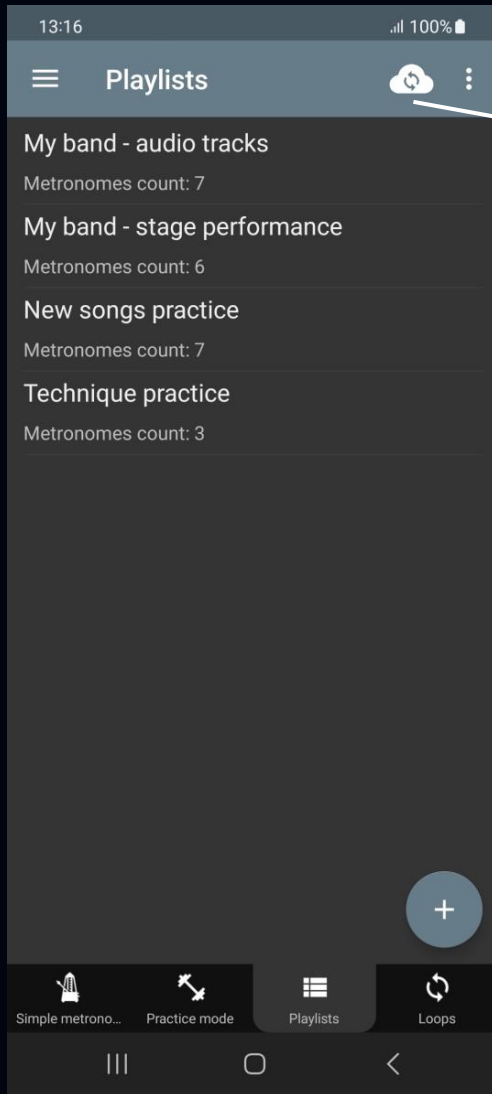
Studio export - metronome-only function: two audio tracks (WAV) will be created for each selected song. One of them will be with a metronome (clicktrack), and the other with tags read by speech synthesis. This is a very useful feature in recording studio sessions - the exported metronome and speech synthesis can be straightforwardly imported into a DAW project during a recording session.

Note. The export to files function is only available in the Android version. For iOS, you can share the playlist e.g. via email.

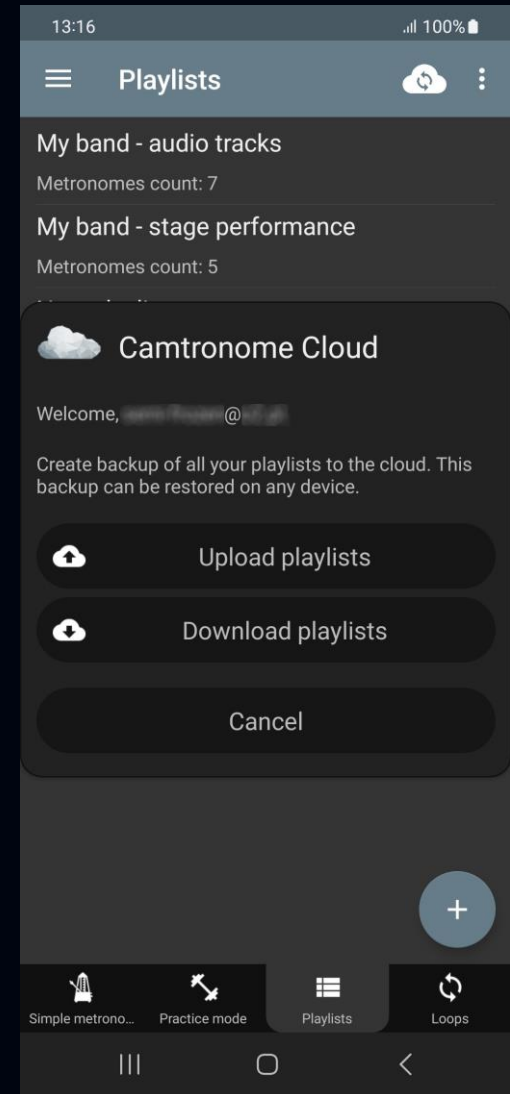
Note. For audio tracks or audio tracks with metronome, all data (tags, balance settings, loops) except the audio file will be exported - it will be necessary to indicate the corresponding audio track from the phone memory during import.



# Cloud synchronization



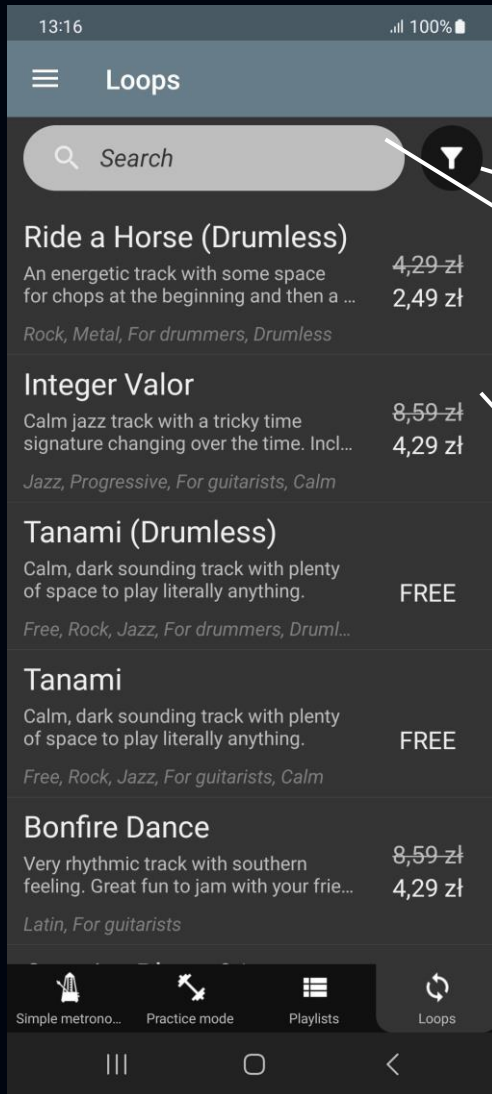
With the synchronization option, you can download playlists from the cloud to your device or upload playlists to the cloud. Note: uploading playlists will overwrite the data already present on the cloud. Downloading playlists from the cloud will overwrite playlists added on the device with data from the cloud.



# Loops

Loops - looped, ready-made audio tracks (with metronome), which can be a great variety to the usual exercises with metronome, are also useful when practicing improvisation.

The browser of available downloadable loops is launched by selecting the last tab in the lower tab bar.



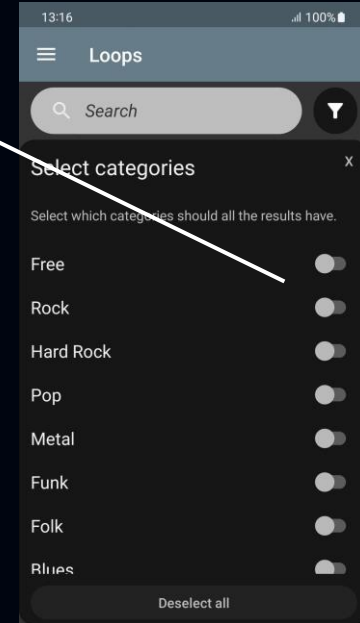
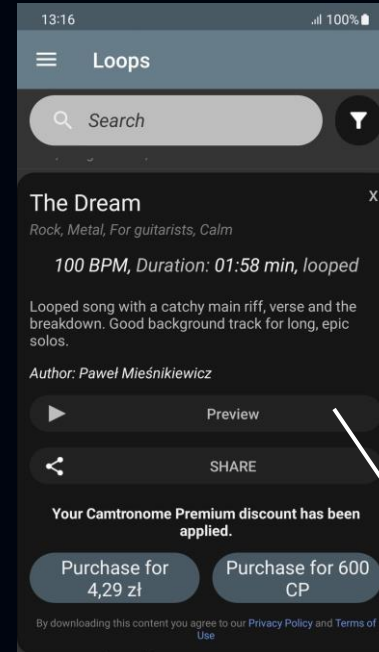
Button to open the filtering window

Searching for a loop by name

Users who have a Camtronomie Ultimate license are entitled to a discount on loops. Users with any monthly or annual subscription have free access to all loops for the duration of the subscription.

When you click on a particular loop, a preview window appears.

Category selection



Pressing the button allows you to listen to a preview of the loop.

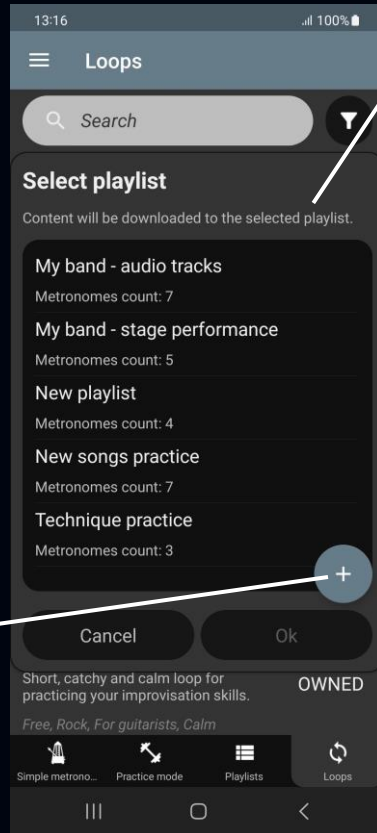
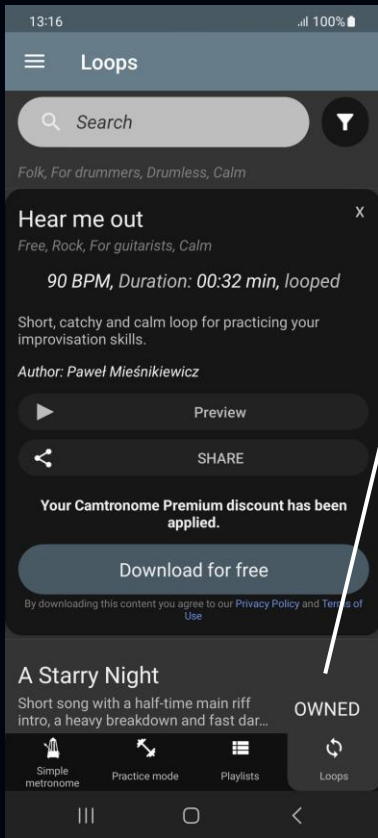
Loops can also be purchased with Camtronomie Points, which are awarded for achievements (page 26).

# Loops

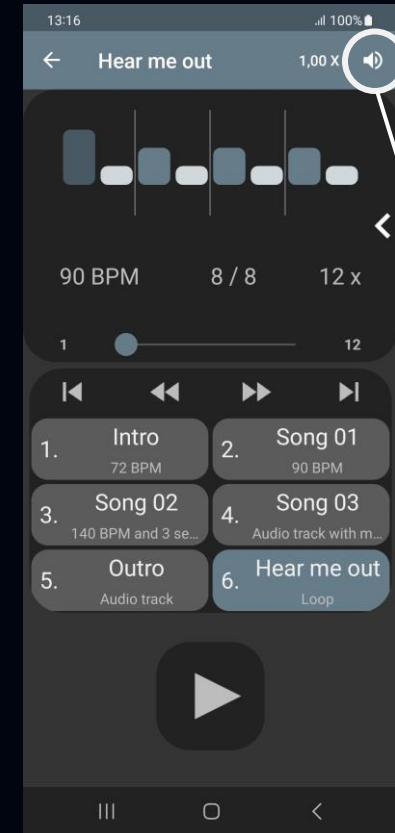
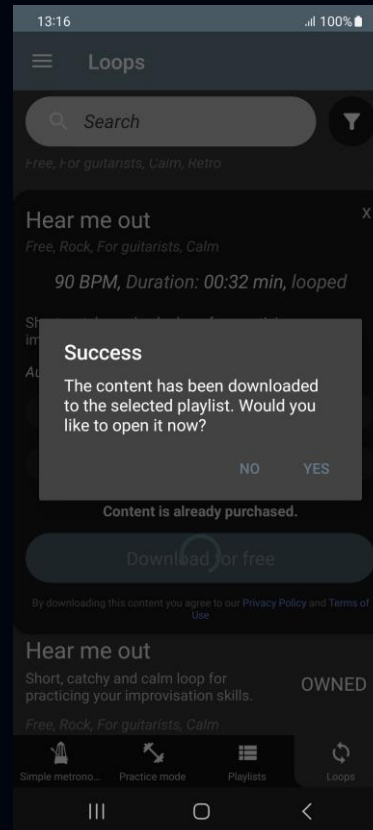
After purchase, the loop can be downloaded and added to playlists. The purchase is valid indefinitely (you must be logged into the corresponding Camtronomie Cloud account).

A window will open to select the playlist to which the loop is to be added.

If you have an active Camtronomie Premium subscription, loops can be freely downloaded and added to playlists. You will be able to use loops as long as there is an active subscription.



You can also add a new playlist by pressing the button.

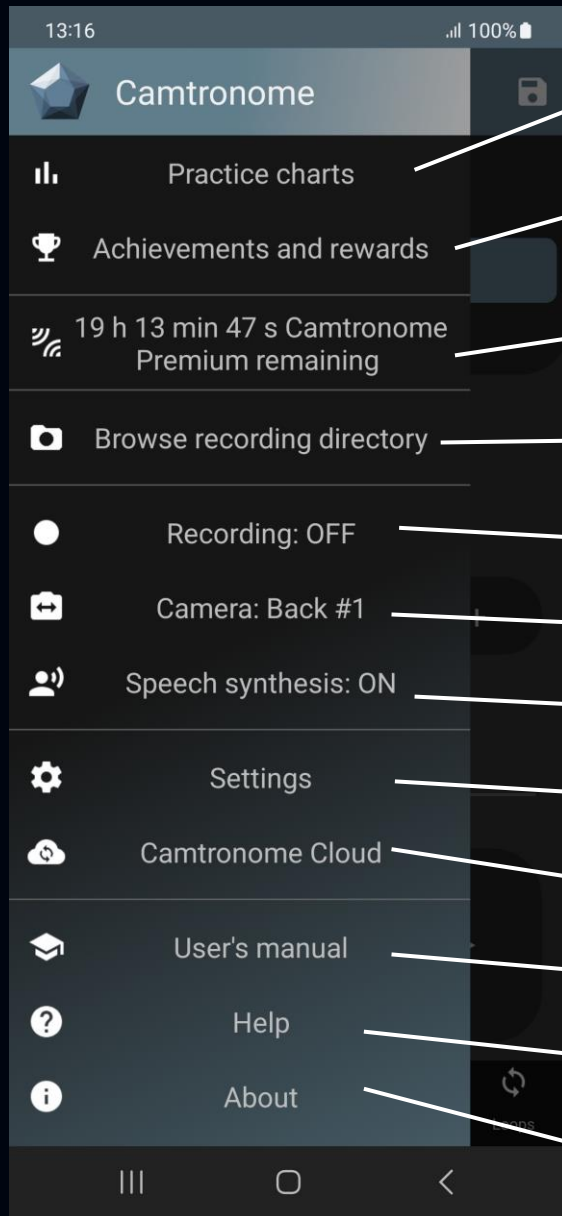


Loop volume settings

When you add a loop, you can immediately go to the playlist.

Note: for loops (as for audio tracks with a metronome), you can separately control the volume level for the metronome and the audio track.

# Main menu



Quick Actions Panel (p. 30).

**Practice charts** - allows you to view practice statistics (p. 25)

**Achievements and rewards** - with regular exercise you can collect points and exchange them for various rewards! (p. 26)

**Purchase menu** - if you have purchased Camtronomie Premium, the menu will allow you to manage your subscription (p. 27)

**Browse recording directory** - allows you to view recordings recorded with Camtronomie (p. 28)

**Recording** - quick setting to turn recording mode on and off (p. 31)

**Camera** - quick settings to change the camera

**Speech synthesis** - quick setting to turn speech synthesis on and off (p. 38)

**Camtronomie settings** - program settings (p. 29)

**Camtronomie Cloud** - synchronization with the cloud (p. 40)

**User manual** - opens this user manual 😊

**Help** - allows you to view all mini-tutorials (p. 42)

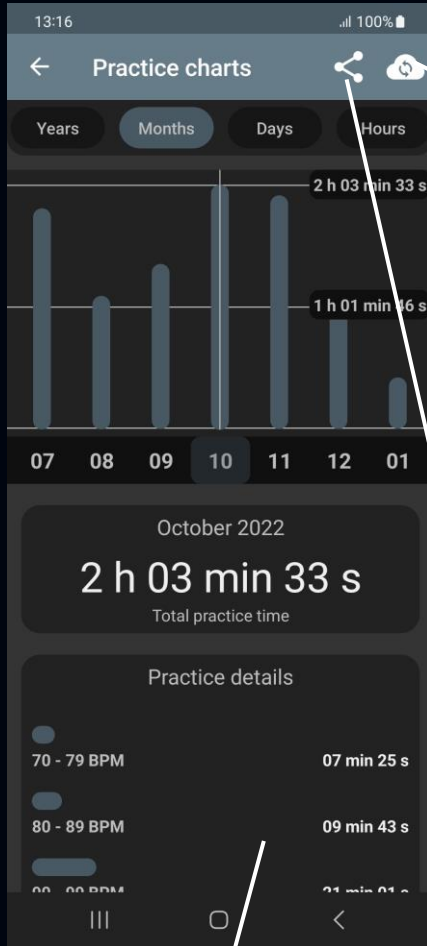
**About** - contains basic information about the program (p. 43)



# Practice charts

With practice charts, you can see how much time you've practiced with the metronome over a given year, month, day and hour.

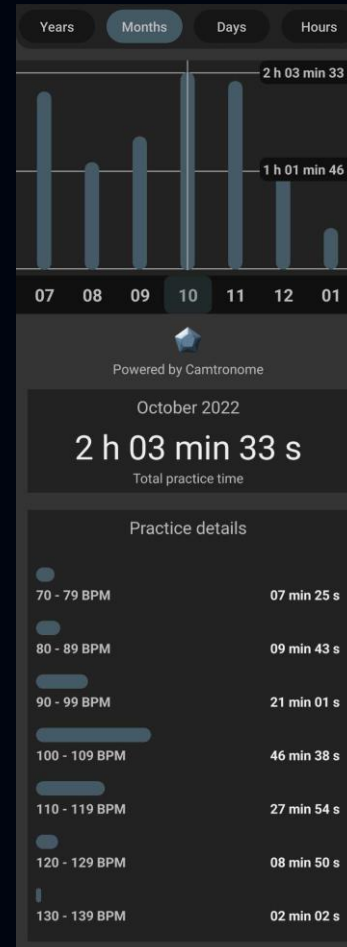
Practice charts can be synchronized with the cloud - this will also register workouts on other devices. If you change your phone, your practice history will not be lost and can be downloaded to the new device.



This time is divided according to the played intervals of the metronome tempo and exercises with an audio track.

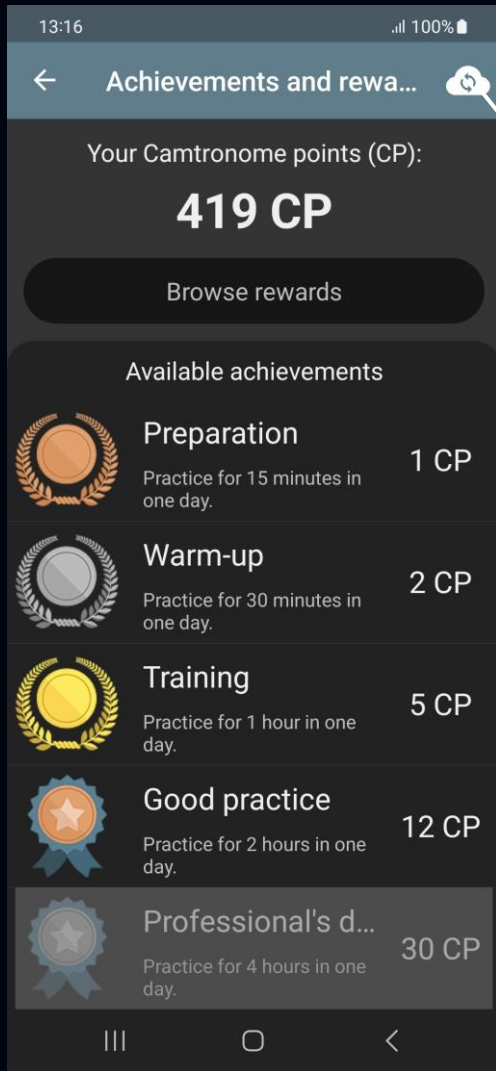


The selected exercise chart can be shared. All the details of the exercises will be visible.



NOTE: Synchronization is not automatic, it must be invoked manually!

# Achievements and rewards



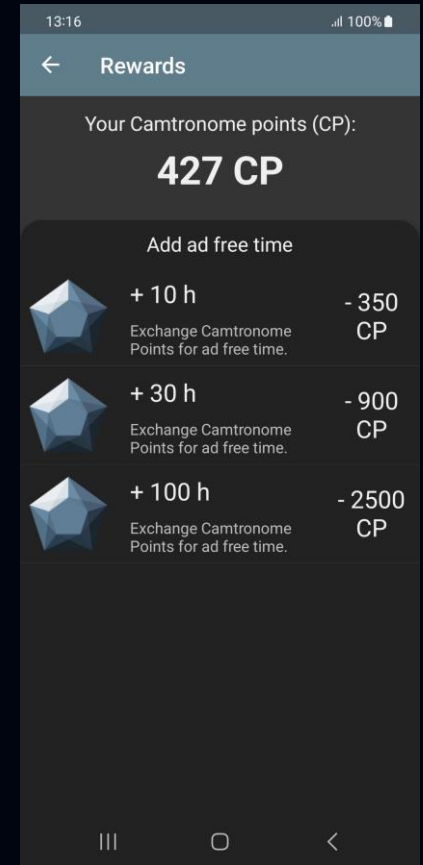
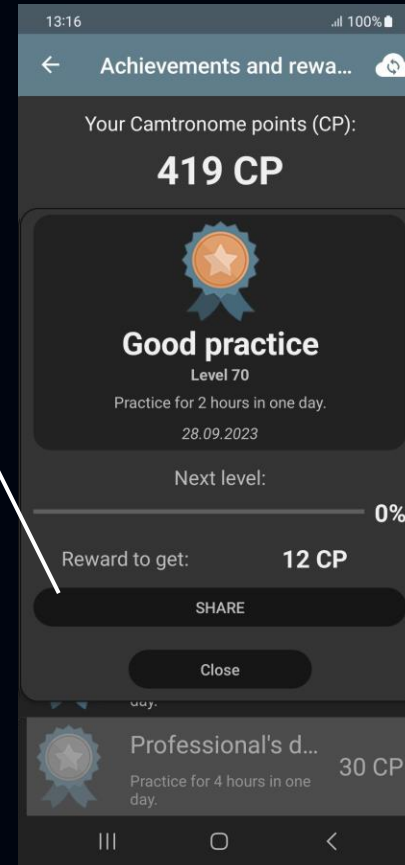
You can earn rewards for training with a metronome - both the length of training and its regularity count!

Earned achievements and Camtronome Points can be synchronized with the cloud - this will also record achievements earned on other devices logged into the same Camtronome account. If you change your phone, you will be able to download the data to the new device.

NOTE: Synchronization is not automatic, it must be called manually!

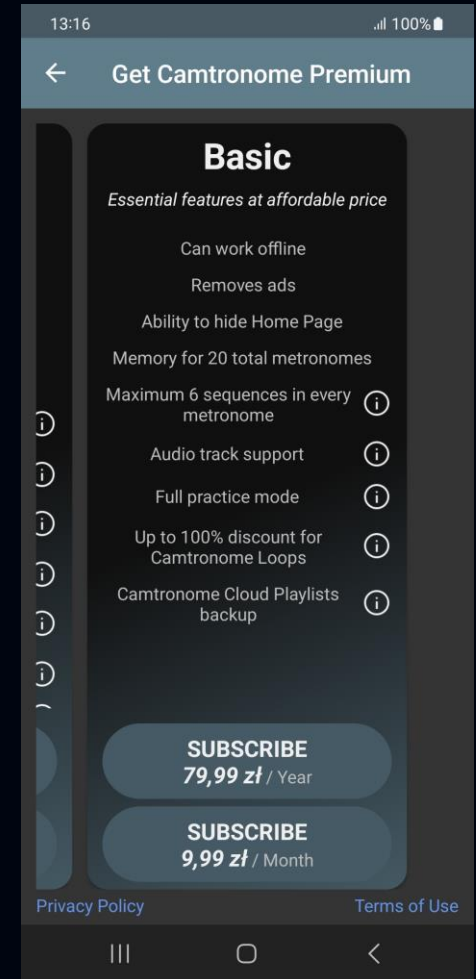
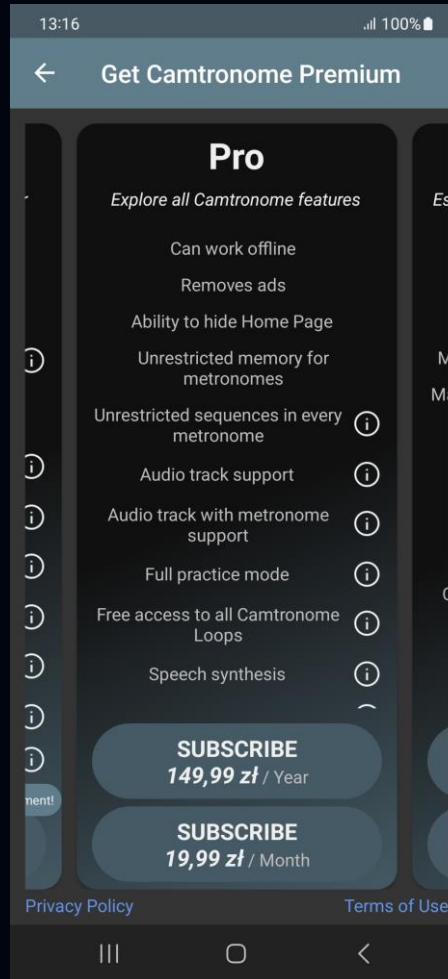
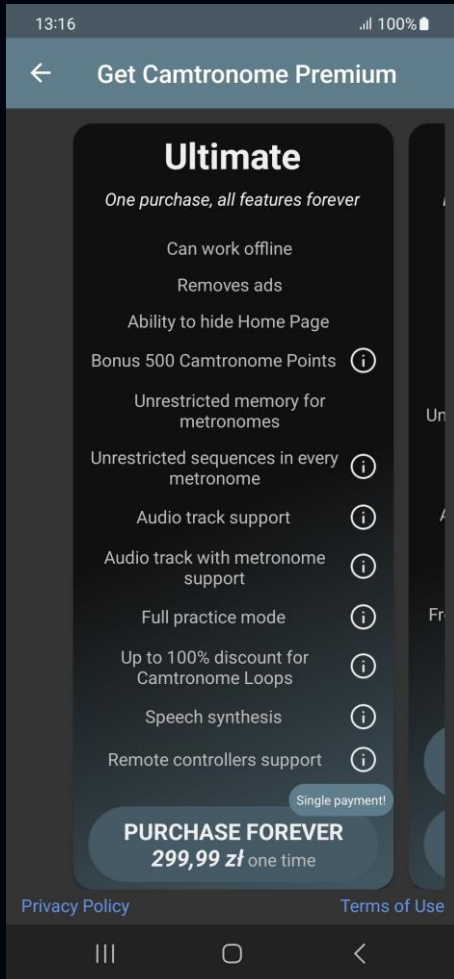
The reward for earned points is premium Camtronome time. You can also buy loops with earned Camtronome Points.

Share your achievements!

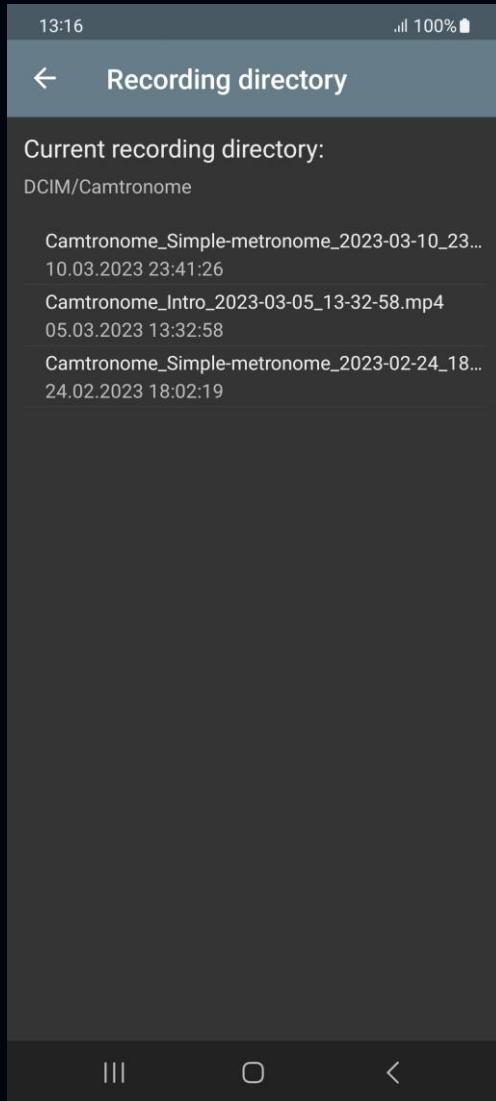


# Camtronomie Premium

You can use the basic features of Camtronomie for free, as long as you have an active Internet connection.  
If you want to reach for more, choose one of the available options:



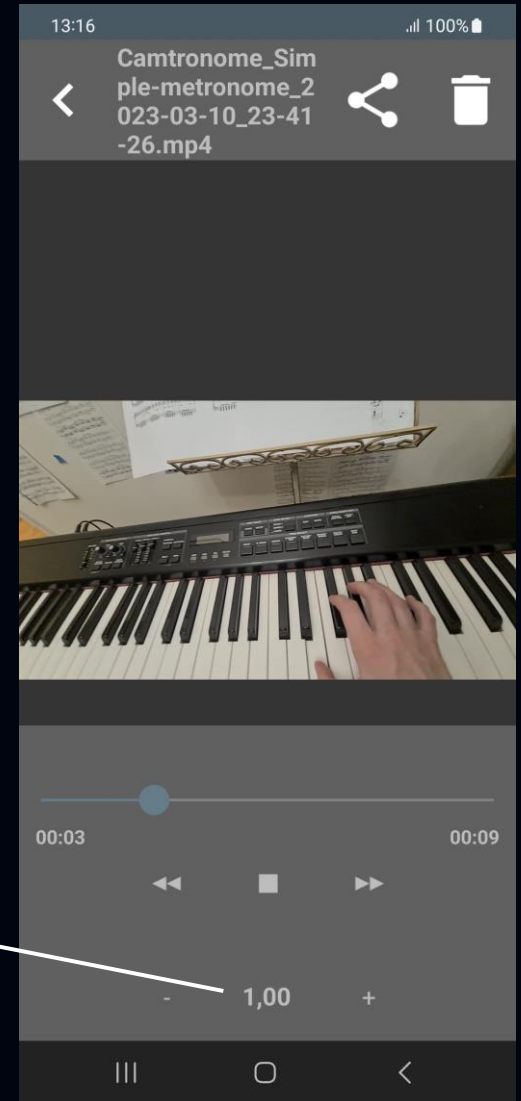
# Browse recording directory



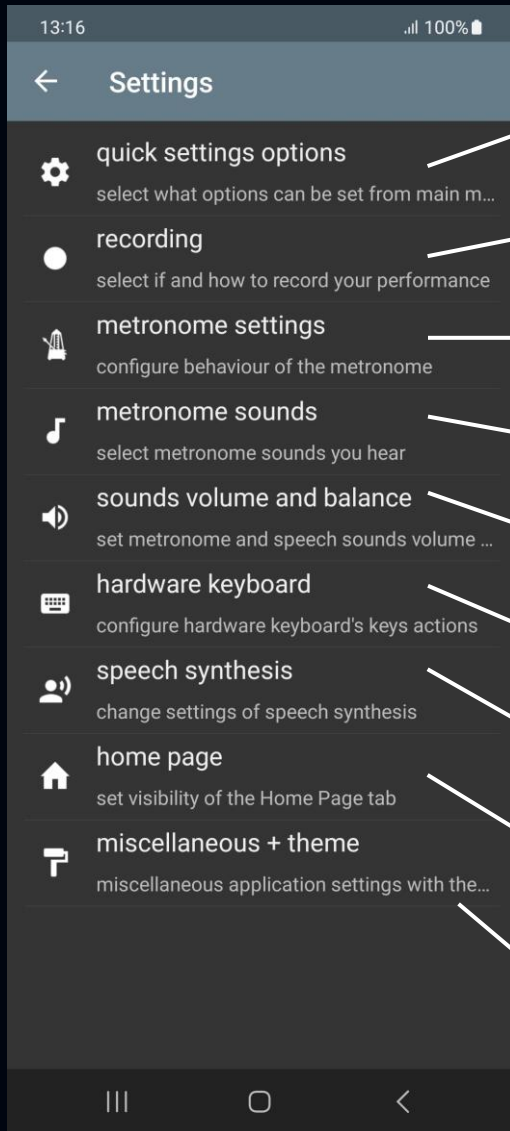
Clicking on this menu item will open the folder where the recordings made with Camtronomie are saved.

This location can be changed (track settings for the recordings folder – p. 32).

In the Camtronomie player, you can use the option to speed up or slow down the recording, so you can analyze your training more accurately.



# Settings



## Quick action settings:

Allows you to select quick actions that will be visible as soon as you open the menu (p. 30)

## Recording settings:

Recording mode selection (audio/sound + audio), camera selection and more (p. 31)

## Metronome settings:

Settings related to the metronome - counting bars, forward/backward options and more (p. 34)

## Metronome sound settings:

Selection of sounds of individual notes from the list of sounds available in the program (p. 35)

## Balance for metronome and speech sounds:

Selection of the panorama of metronome sounds and speech synthesis - does not affect the balance of the audio track (p. 36)

## Hardware Keyboard:

Allows remote control of the program using an external keyboard (p. 37)

## Speech synthesis settings:

Enable speech synthesis mode (audio prompter), which allows you to read markers during metronome operation and metronome names (p. 38)

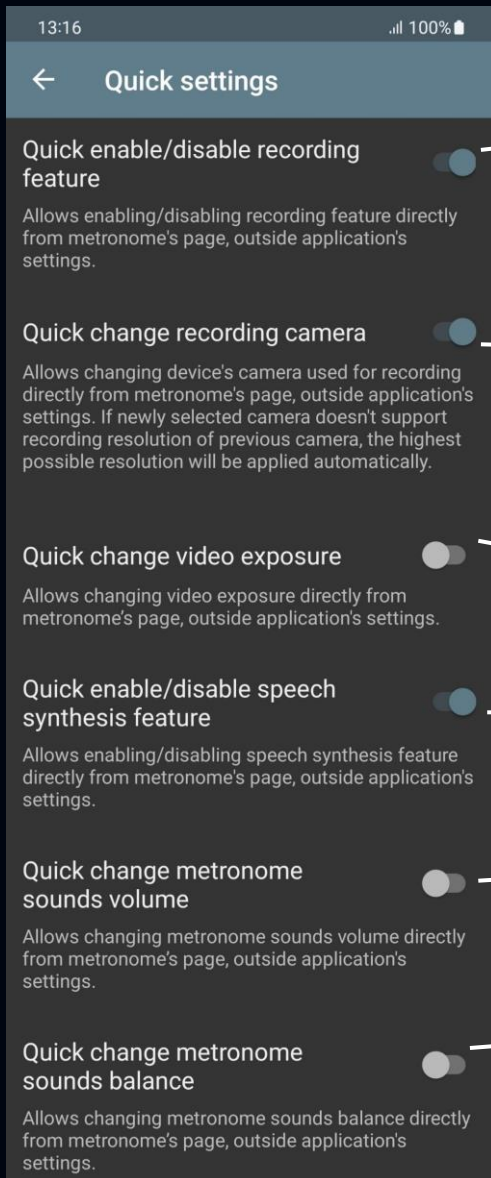
## Home page:

Allows you to set the visibility of the Home page (p. 39)

## General Settings:

They allow you to select the language, set the screen to go blank while the metronome is running, practice reminders, and change the app's color theme (p. 40)

# Quick action settings



The hamburger menu will have buttons for quick changes to selected parameters:

In the options panel, you will see a button to quickly enable and disable the recording function.

With this option, you can quickly switch between all cameras provided by the manufacturer for third-party applications (e.g. front/rear). **Some manufacturers block the use of all cameras by non-manufacturer applications.** Then these cameras will not be available when switching.

Change exposure: brighten/darken by 50% or 100%

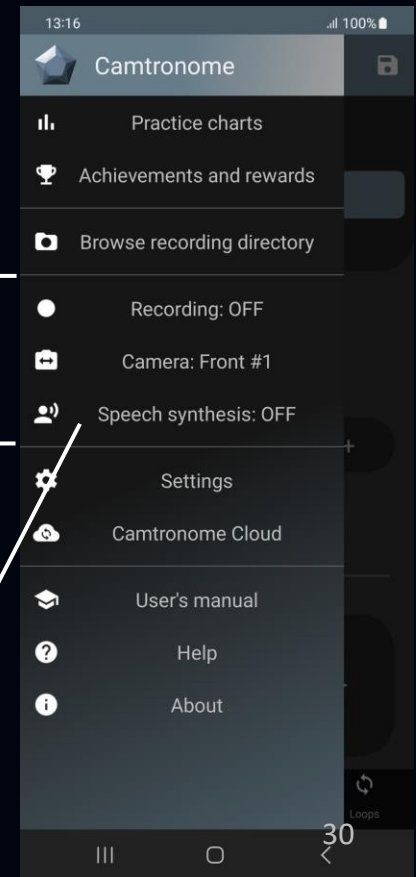
With this setting, you can quickly turn speech synthesis on or off.

Possible metronome volume settings - 100%, 75%, 50%, 25%.

Change the balance of metronome and speech synthesis sounds (left/middle/right).

**Quickly turn on/off recording, change camera and turn on/off speech synthesis.**

**If you select the option as in the image opposite, quick action buttons will appear on the options panel.**



# Recording settings

## Switch to activate recording mode

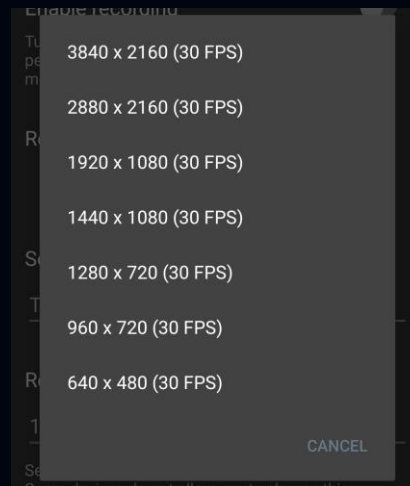
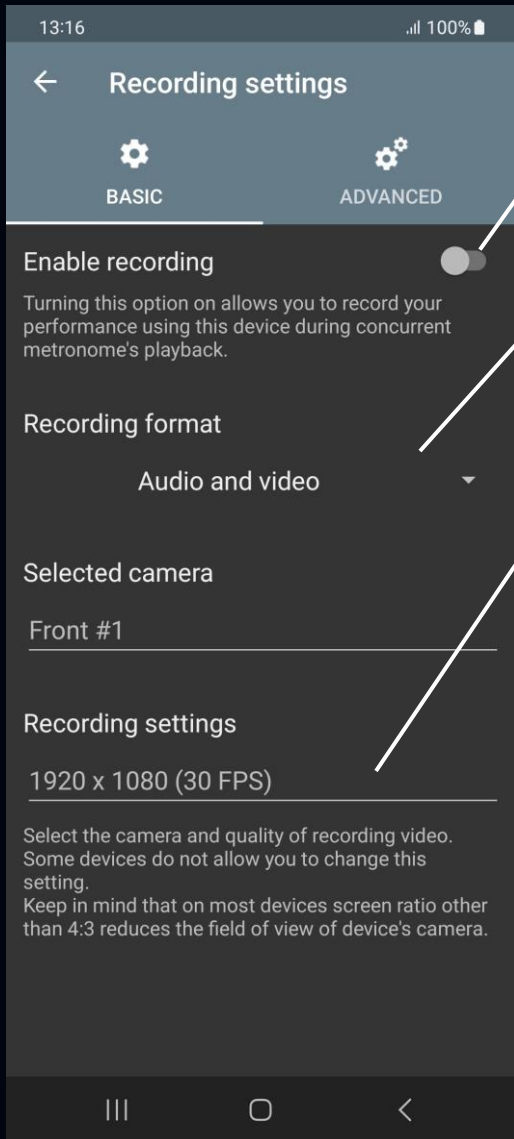
When on, an additional button for turning recording on and off appears in all metronome modes. It works independently of the play button that controls the metronome. In the case of audio mode, an indication will appear that audio is being recorded, while in movie mode a preview from the camera will appear.

## Selection of recording format:

Click to select audio or video recording (audio + video).

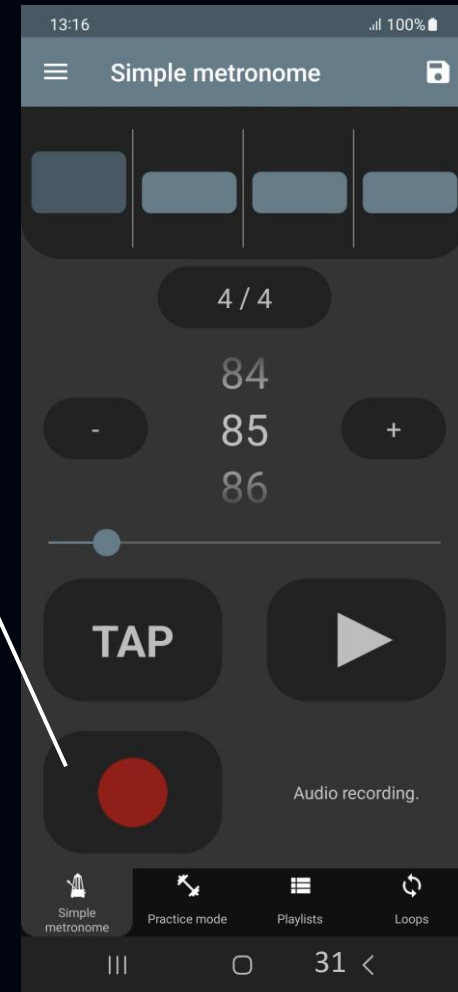
## Selection of camera and recording quality:

Note: although the list presents all available camera settings, the use of some of them may be blocked by the device manufacturer for third-party applications (non-system applications).

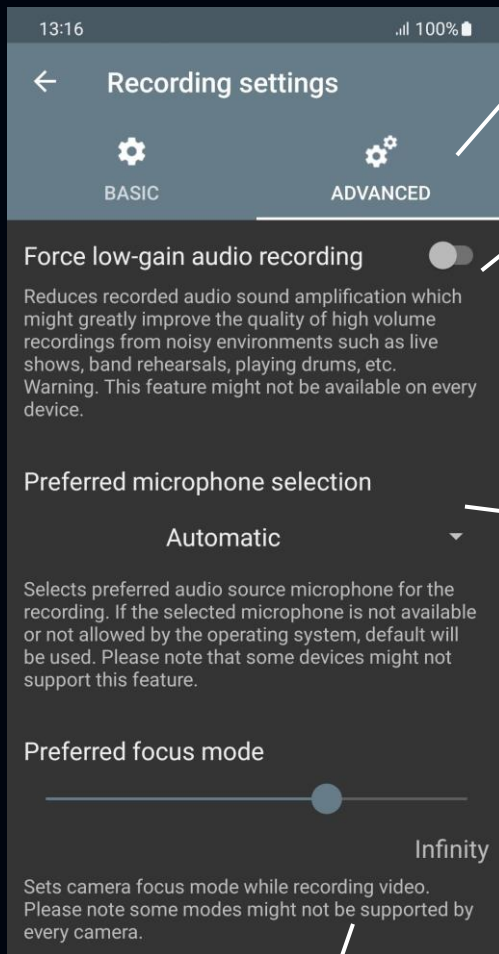


## Start and stop recording button

In this mode, only audio is recorded.



# Recording settings



## Advanced recording settings

### Force low-gain audio recording

A feature that will make the recording of a loud concert or rehearsal have better sound quality (less chance of overdriving). The intensity of the function depends on the phone manufacturer. For lower-end devices, the setting may not affect the recording quality at all.

### Selecting your preferred microphone

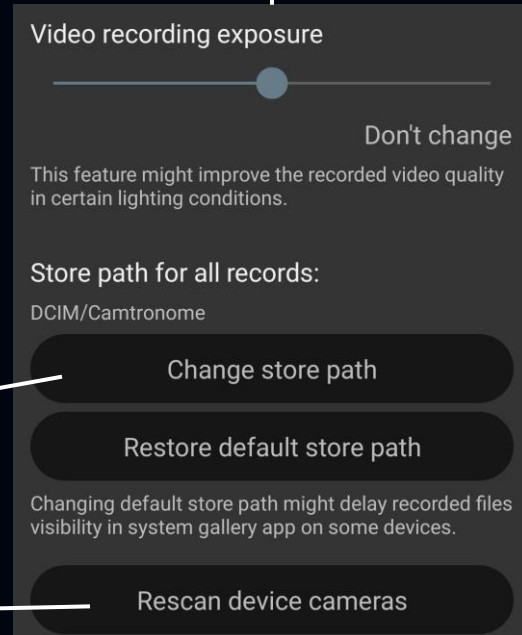
Allows you to change the microphone for recording. **On some devices, when you connect headphones without a USB microphone, with automatic settings, the system may consider that a microphone is present (even though it is not physically there) and record noise. Then, "Built-in" option should be selected.**

Allows you to change the recording storage folder and restore the default storage folder - DCIM/Camtronomie. Option available only on Android systems.

Some phone manufacturers can unlock additional cameras after time for third-party (non-system) applications. This feature refreshes the information about the cameras provided by the operating system.

Changes the way the camera is focused (e.g. one time, lens default, infinity, continuous). The function may work differently depending on the phone model - we recommend checking it yourself 😊 )

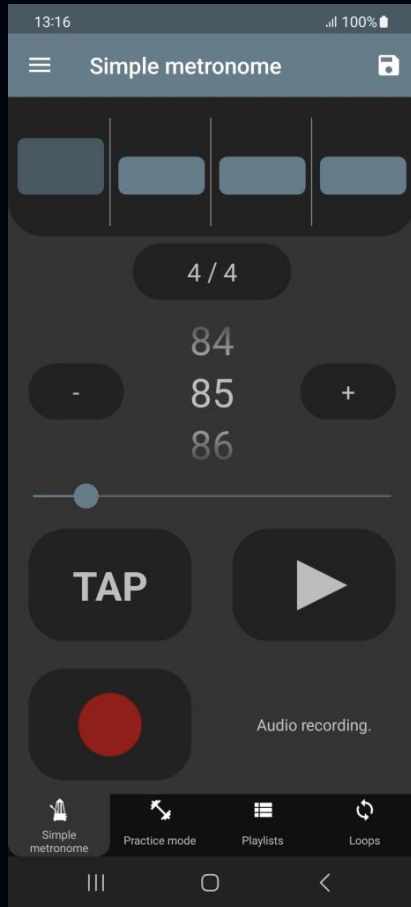
Exposure of video recording - a function useful when recording in non-standard lighting conditions (very bright or very dark rooms).





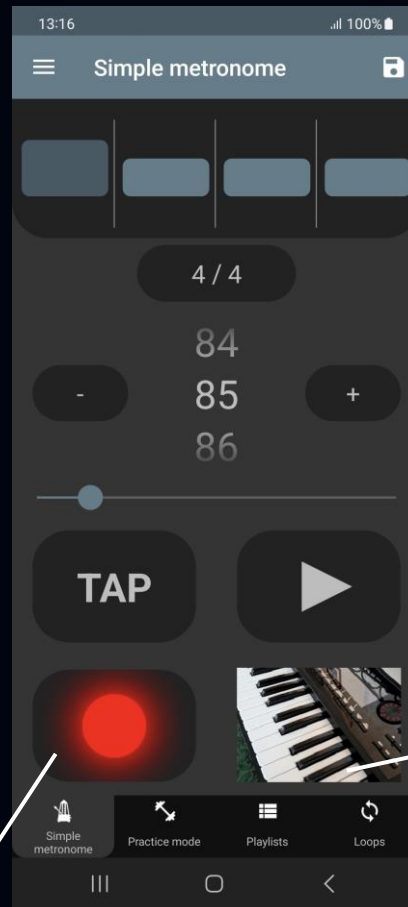
# Recording

Audio recording in simple metronome mode



When Camtronome is recording, the button is highlighted in red.

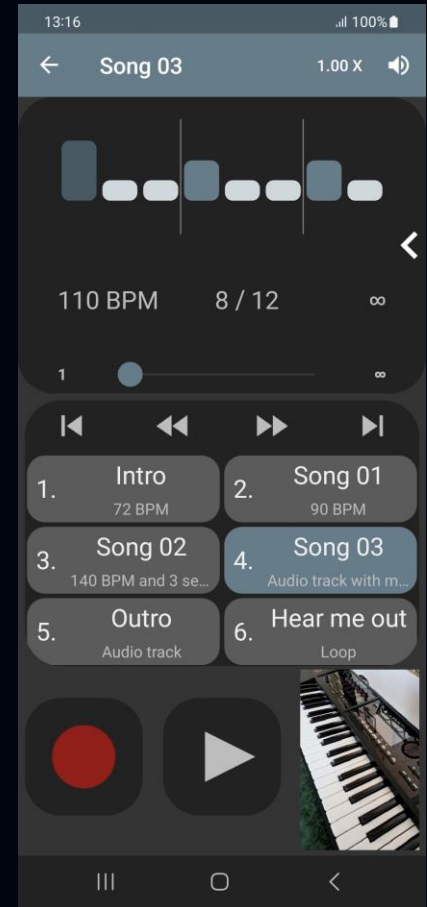
Audio and video recording in simple metronome mode



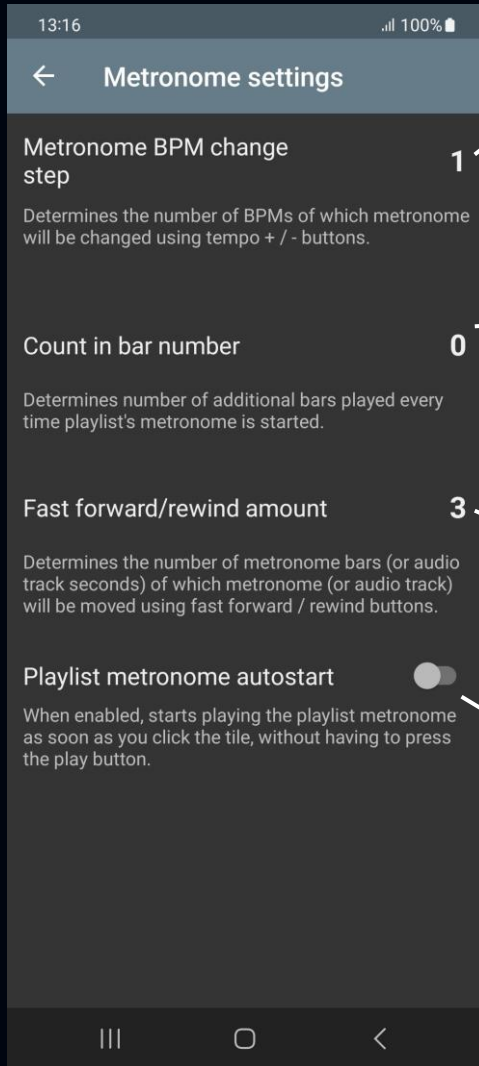
Recording is also possible while the metronome is operating in other modes (e.g. practice mode or playlist mode)

Camera preview

The record button works independently of the PLAY/STOP button of the metronome.



# Metronome settings



## Metronome BPM change step

By default, using the + or - button when setting the tempo changes its value by one. In this menu, you can change it to a value between 1 and 10.

## Count in bar number

Additional bars that are added before each metronome from the playlist.

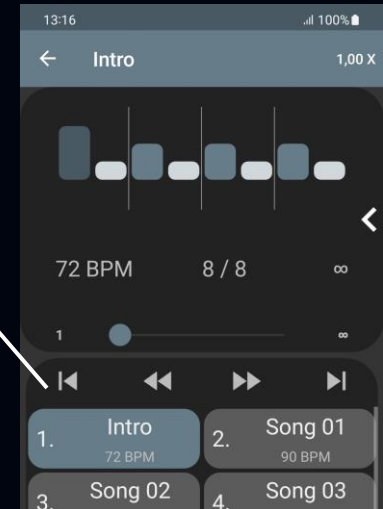
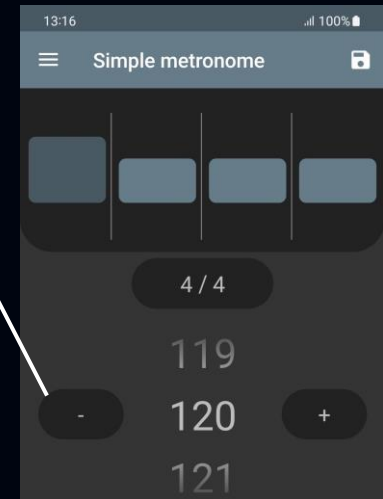
NOTE: For audio tracks and metronomes with audio track, the setting is not applied! The counting bars for a metronome with an audio track must be configured separately for each metronome with an audio track (p. 17)

## Fast forward/rewind amount

Defines by how many bars or seconds a metronome or audio track will be rewound in playlists.

## Playlist metronome autostart

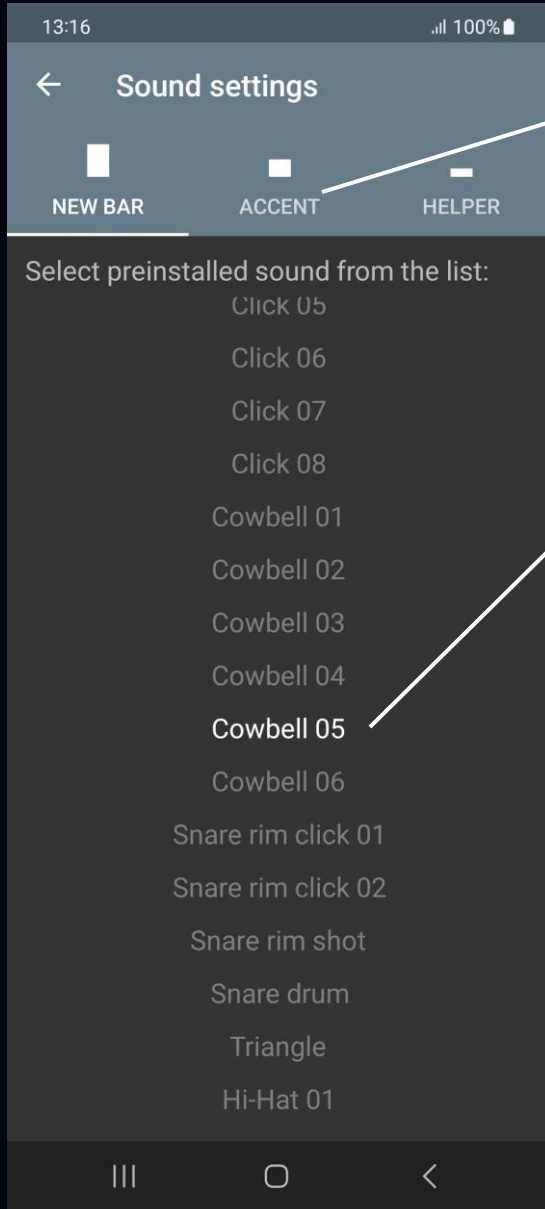
With this option enabled, when using playlists, clicking on a given metronome will start it immediately, without having to press play (a useful option for playlists with infinite metronomes).



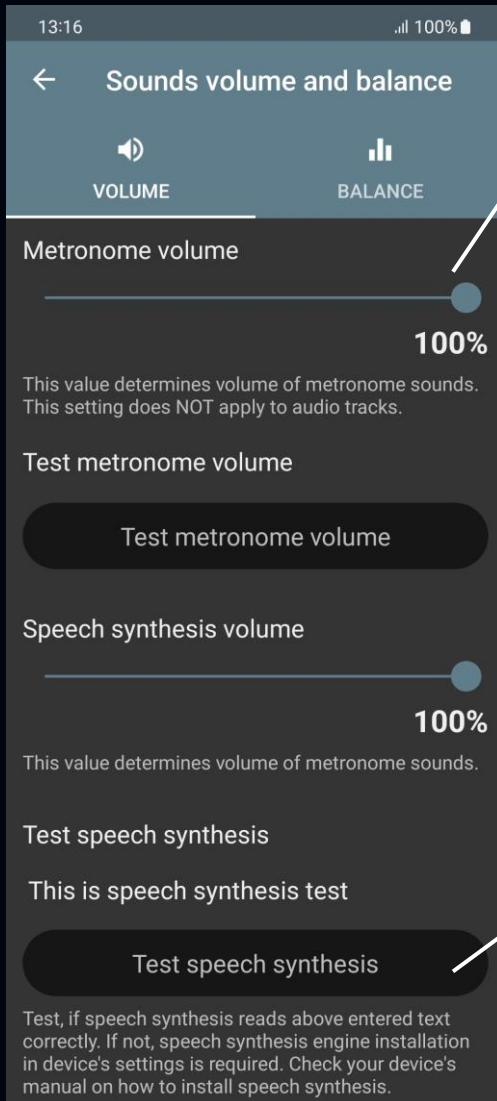
# Metronome sound settings

Setting metronome sounds is possible for three types of metronome sounds: new bar, accent and helper note. The application offers a choice of 47 sounds.

**A scrolling list of available sounds:**  
After clicking on a given sound, it will be played



# Sounds volume and balance



## Metronome volume

The setting affects only the metronome, not the volume of the audio track. The volume of an audio track is set individually for each track (page 16).

## With this option, you can set the balance of the metronome and speech synthesizer.

The settings do not apply to audio tracks - if the balance is set to LEFT, speech synthesis and metronome beeps will be heard only on the left channel, and audio from the audio track will be heard on both channels. A useful feature in cases where you use playlists with audio tracks containing concert backing tracks (on one audio channel) compressed with a metronome track (on the other channel) to avoid accidental speech synthesis on the channel with the backing track.

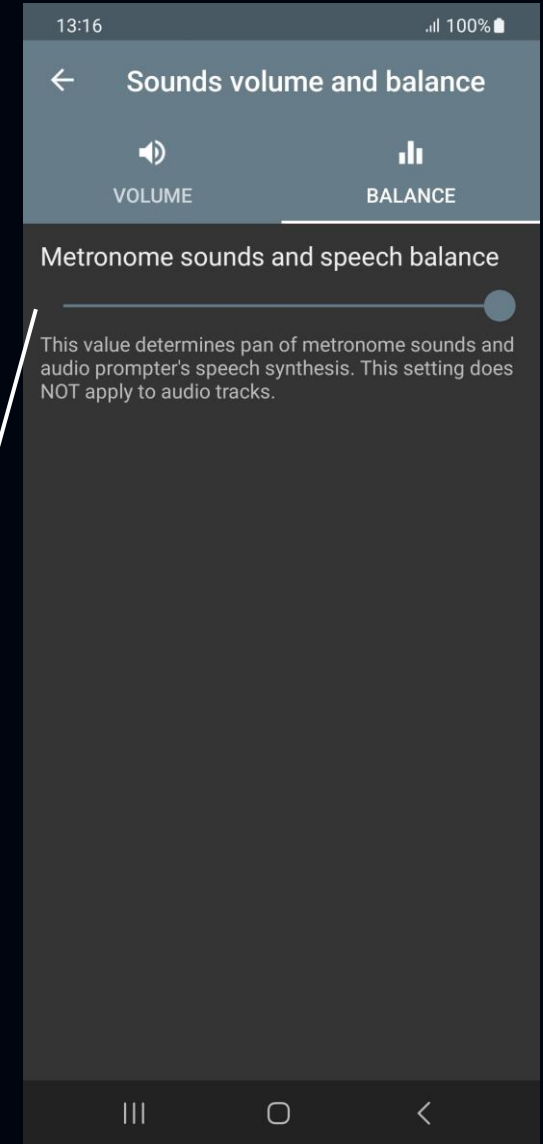
These settings can be overridden for audio tracks with metronome (pp. 17-18).

## Speech synthesis volume

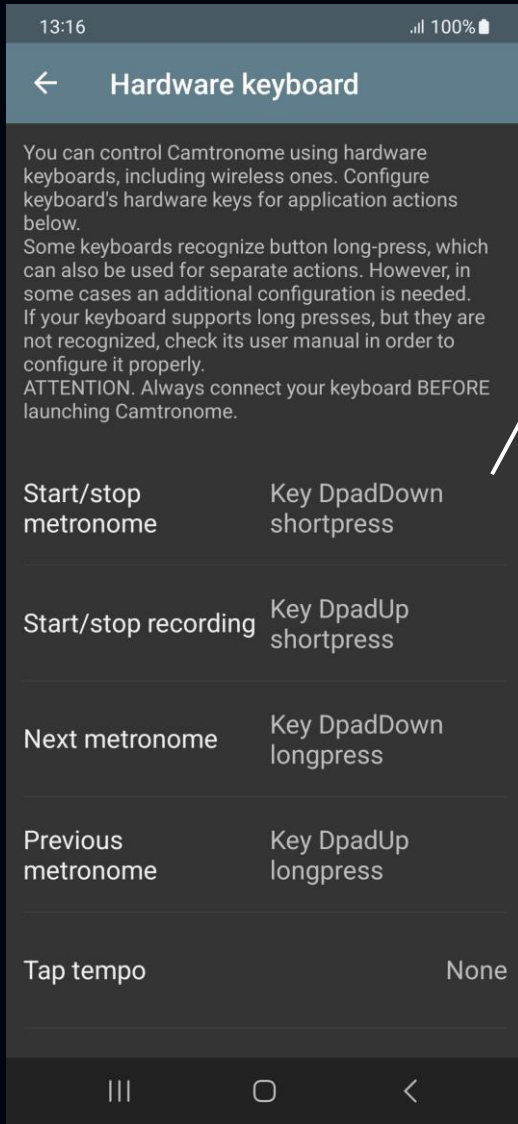
Set the volume of speech synthesis.

It is possible to test speech synthesis by entering any sentence. (more about speech synthesis on p. 38).

Metronome and speech balance settings can be added to the main panel quick actions. This allows you to switch the panorama: LEFT/CENTER/RIGHT.



# Hardware keyboard



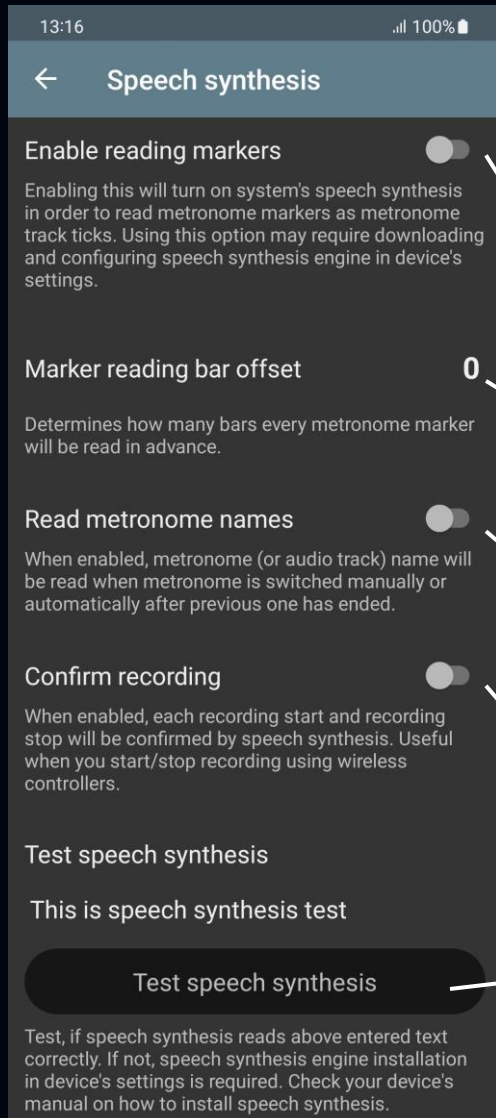
Allows you to control the app using an external keyboard.

In order to configure an external hardware keyboard (it can be a Bluetooth controller or a regular keyboard), the first step is to connect the external device to the phone and only then launch Camtronomie.

To assign a key to an action, click on the action and then select the desired key on the hardware keyboard.

Some keyboards distinguish between the length of the signal sent (short/long press).

# Speech synthesis settings



**Activating this option will allow you to read metronome markers while the metronome is running or an audio track is playing. To use a speech synthesizer, you must download and configure the speech synthesis engine in a given device (in addition, some phone manufacturers require an active Internet connection for the speech synthesis engine to work - in the system settings it should be possible to download a given language to work offline).**

By default, turning on speech synthesis will read the markers set at the metronomes (adding markers on pages 13, 15). You can also enable speech synthesis to signal other events.

Speech synthesis switch

**Marker reading bar offset** – it is possible to globally set how many bars before a given marker its name is to be read. The settings apply only to metronomes and will not be applied to audio tracks or audio tracks with a metronome.

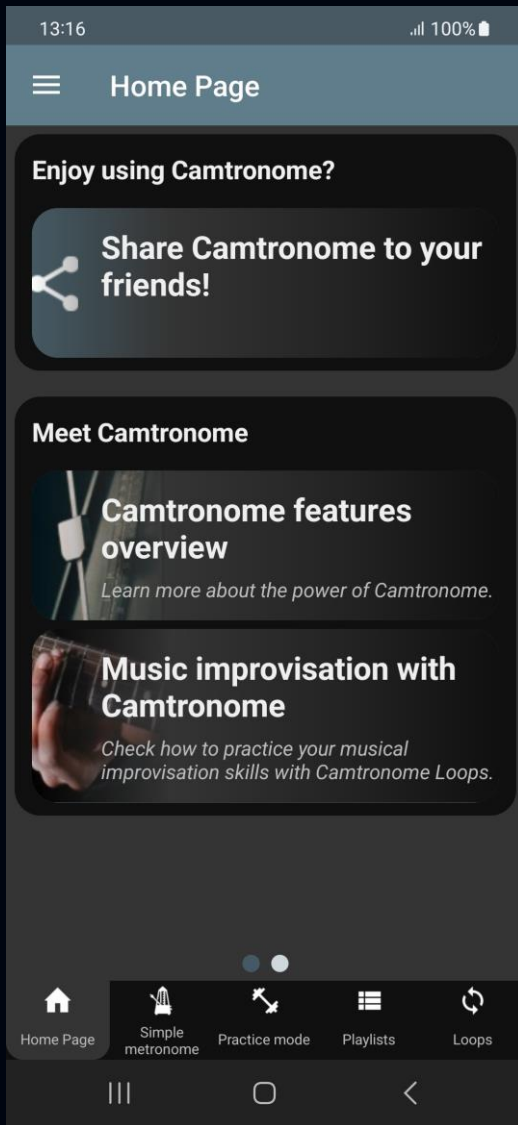
**Read metronome names** – turning on the function will allow you to read the name of the metronome being played. The name will be read when the metronome is manually selected or when the metronome starts automatically after the previous one is finished. This is especially useful when controlling the Camtronome with wireless controllers (for example, the phone is far away and checking which metronome will be played next is difficult or impossible).

**Confirm recording** – this function allows you to confirm the start and end of the recording through a message read by the speech synthesizer. This is especially useful when controlling Camtronome using wireless controllers.

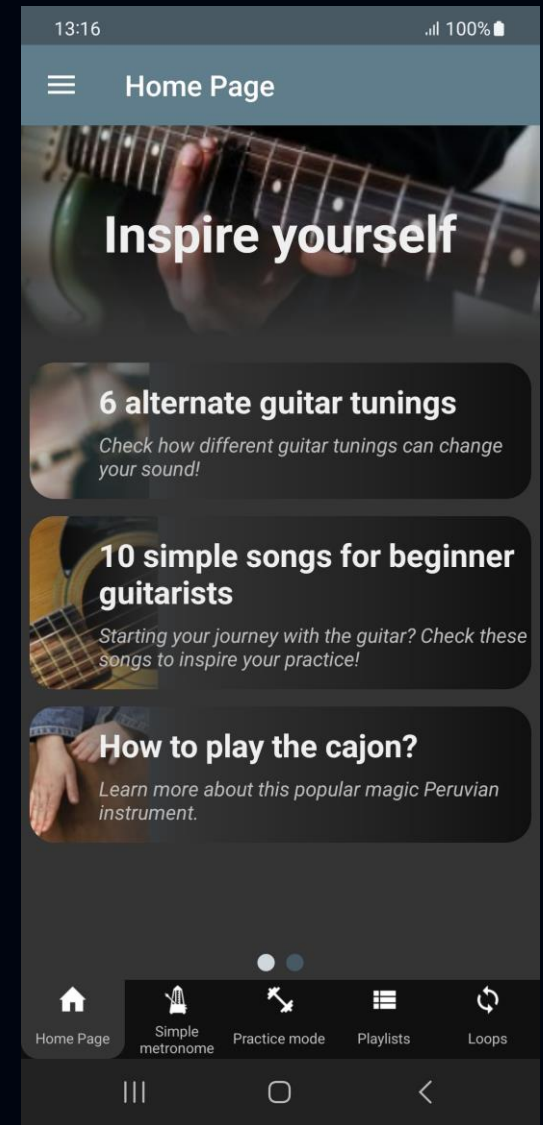
Speech synthesis can be tested by entering any sentence in the designated field and pressing a button.

Turning the speech synthesizer on and off can be added to the home panel's quick actions. It is possible to set the balance, i.e. direct the synthesizer sound to a specific channel through the sound balance and speech synthesizer settings window (p. 36).

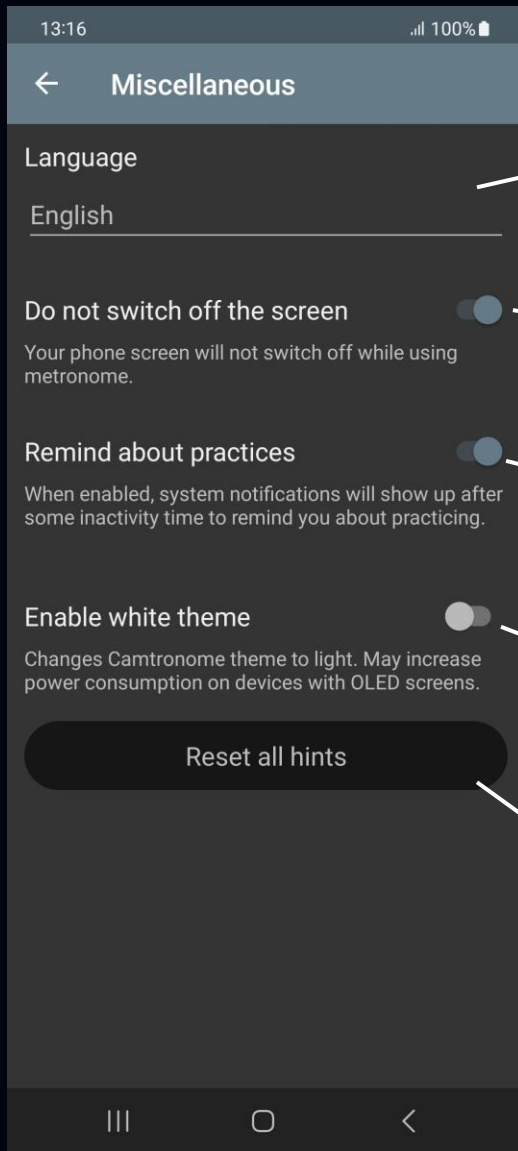
# Home page



The homepage presents information about the latest promotions or contests of Camtronomie. In addition, there are links to interesting articles. Visit here to stay up to date!



# Miscellaneous and theme settings



## Language selection:

The default language of the application is selected based on system settings. It is possible to change the language manually. There are 8 languages to choose from: Polish, English, German, French, Russian, Spanish, Portuguese and Italian. After changing the language, an application restart is required.

## Don't turn off the screen:

Prevents the screen from going blank in the simple metronome view, practice mode, and open playlist.

## Remind about practice:

Selecting this option will cause exercise reminders to appear after the application has been inactive for some time. Use this option for more motivation to exercise regularly 😊

## Enable the white theme:

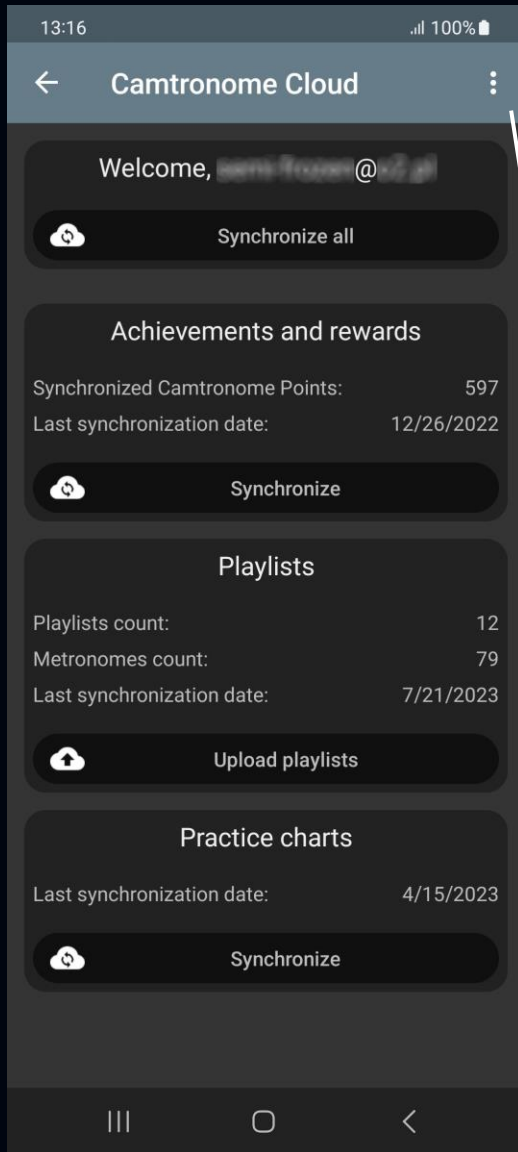
Changes the color of the application to light. Note - may increase battery consumption on devices with an OLED display.

## Reset all hints:

This will reset the prompts that appear when you first enter the various metronome modes (simple metronome, practice mode, etc.). You can also return to the tips (without the need to reset them by accessing the "Help" option - visible in the menu list, p. 42).



# Camtronomie Cloud



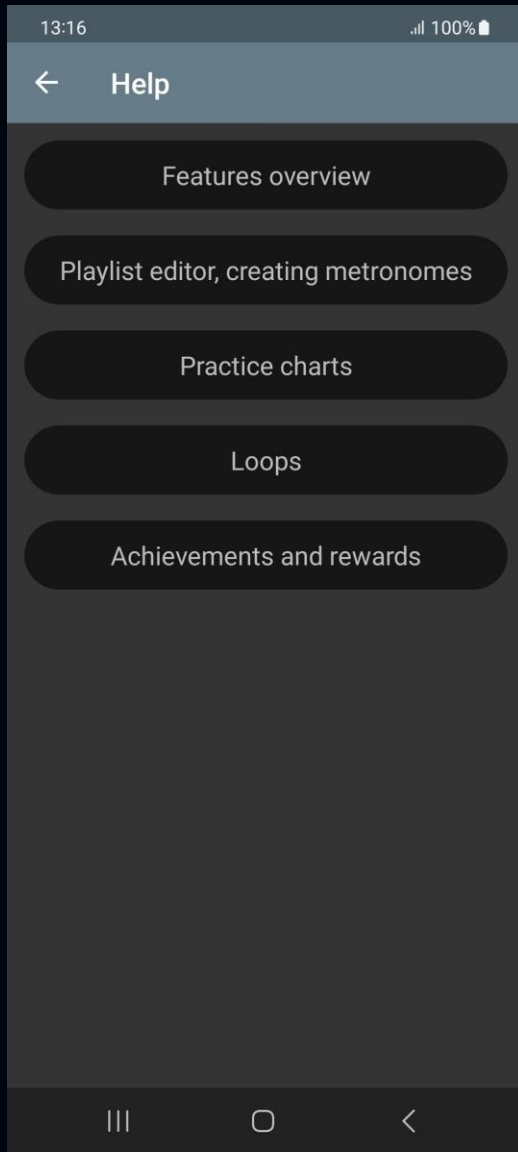
If you are not logged into Camtronomie Cloud, clicking this menu item will take you to the Camtronomie Cloud login site.

After logging in and returning to the application, synchronization options for selected modules will appear. You can save your achievements and awards, playlists and exercise charts in the cloud. It is also possible to synchronize all items.

Note: syncing playlists will OVERWRITE playlists in the cloud with playlists saved on your device!

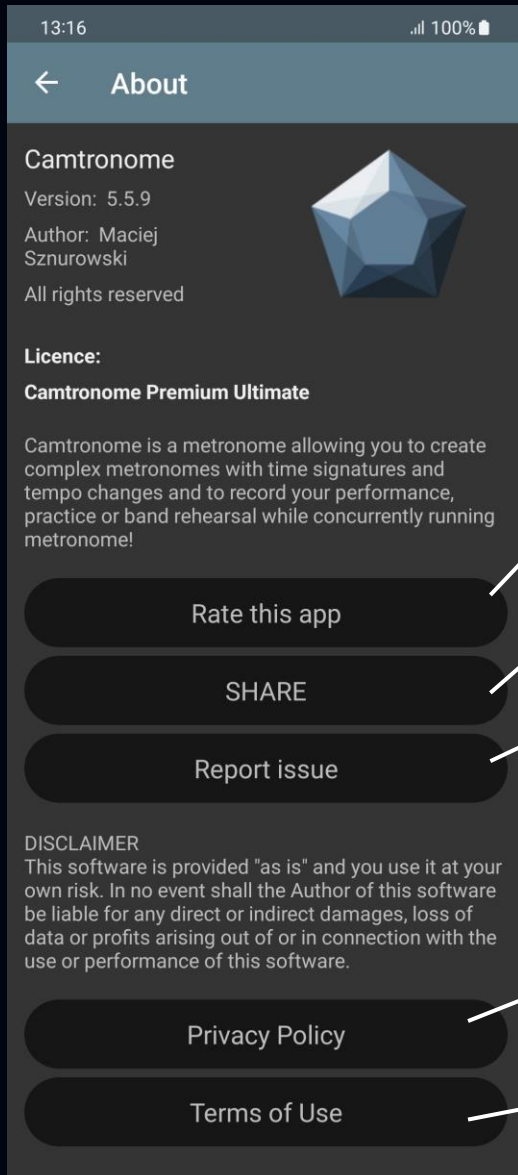
Clicking the three dots will allow you to choose the option to delete your Camtronomie Cloud account. The operation is irreversible and will result in the loss of all data saved in the cloud.

# Help



In this menu you can read short tutorials that introduce the user to the main functions of Camtronomie.

# About



## Rate this app:

Opens the app rating page of the AppStore or Google Play Store. We will be pleased if you appreciate our efforts in creating this application!

## Share:

Tell your friends how many features Camtronomie offers!  
😊

## Report issue:

In case of an error or improper functioning of the application, please send a description of the problem to [support@camtronomie.com](mailto:support@camtronomie.com) or send a message to our Facebook. We will respond to each submission!

## Privacy policy:

The button navigates to a page containing Camtronomie's privacy policy.

## Terms of use:

The button navigates to a page containing Camtronomie's terms of use.