



PHYBIO

PHYbio Player

User Guide

Frequency compositions · Wellness · Well-being

Operating the app on Android and iPhone / iPad



App version 1.0.239

PHYbio Establishment · www.phybio.com

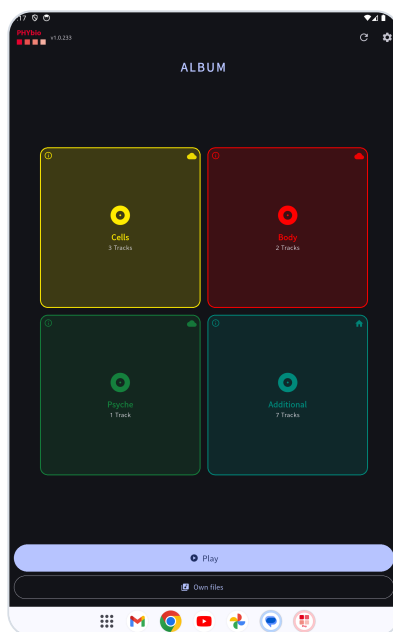
PHYbio Player – User Guide

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Welcome to the PHYbio Player. This guide explains how to use the app on Android and iPhone/iPad. The matching app version is shown at the top of the guide window.

Overview (Home Screen)



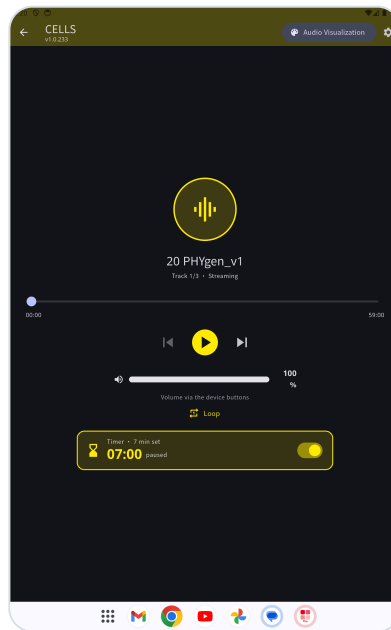
Home screen with albums as colored tiles. The installed app version is shown at the top left (here 1.0.233 – shown as an example only).

After launching, you see your **albums** as colored tiles (2x2 per page). More albums? **Swipe** left/right – the dots beneath the tiles indicate the page.

- **Order:** The favorite albums always come first – **Cells (yellow), Body (red), Mind (green)**. All other albums follow alphabetically.
- **Symbol in the top right of the tile** (delivery status):
 - **House** = album is stored locally on the device. Filled house = file present (playable offline); outline = currently downloading.
 - **Cloud** = album is streamed. Filled cloud = online (streaming possible); outline = offline.
- **Tap the symbol** to open the **Album Storage** page directly (see below).
- **Tap the tile** to open the album's **track list**.

At the bottom: - **Play** – wide quick-start button: opens the most recently played track at the position where it was last paused (with no history: the first track). - **My Files** – the audio files you have added yourself.

Track List & Player



The player: playback, volume, repeat and sleep timer

In the track list, tap a track or the ► symbol to start playback. In the player you control start/pause, forward/back, the **position** and the **volume**. With “**Repeat**” the track plays on a loop (the label glows in color when repeat is active).

Timer (sleep timer): Below the controls, the timer sits as a card. The **switch on the right** turns it on/off – when off, the card appears pale/gray, when on it is in color. Tap the card to set the minutes, and confirm with “**Apply**”. The timer **counts down only during playback** and pauses the music when it elapses. You set the default value under **Settings** → **Timer**.

Info Button (i)

The **i icon** opens the **info page** – liner notes, like the booklet of a record. You find it in two places:

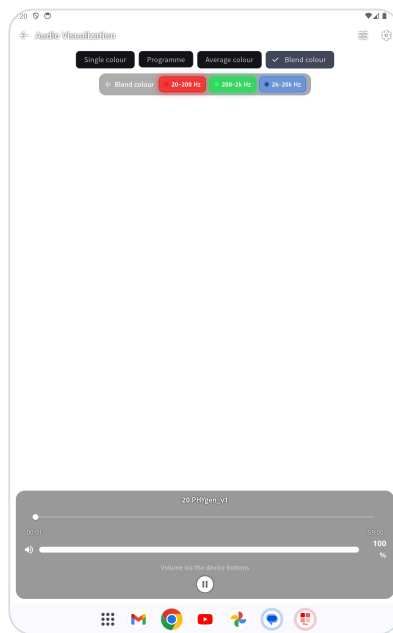
- **Top left on every album tile** – opens the info for the **album**.
- **At the top of the player or the audio visualization** – opens the info for the **current track** or album.

Depending on the stored content, the info page shows:

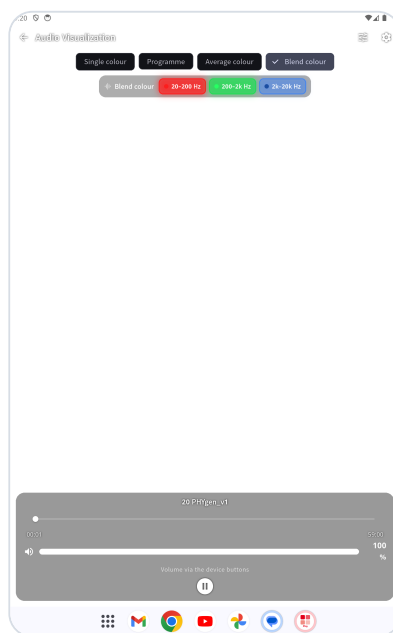
- **Descriptive texts** for the album and individual tracks.
- **Amplitude curves (waveform graphics)** for the therapy albums (Zellen, Körper, Psyche).
- **Frequency images (spectrograms)** for the tracks of the “Additional” album (frequency test and the six noise types).

Tap a graphic to view it **full screen**.

Audio Visualization (Light Organ)



Full-screen light show – colors follow the frequencies



Tap once: mode bar, mixed-color legend (red/green/blue) and controls appear over the show

In the player, tap “**Audio Visualization**” to open a full-screen light show that reacts to the music in real time. The show fills the **entire screen** – this moving color field is the “background”.

Showing the controls and mode bar: tap the screen once. The **mode bar** (top) and the **playback controls** (bottom: title, position, volume, play/pause) then appear over the show. After about **5 seconds without a touch they fade out automatically**, leaving just the light show – tap again to bring them back.

Choosing a mode: tap the desired mode in the mode bar (the active one is highlighted). Available modes include:

- **Mixed color** (default) – the whole screen shows **one** color mixed from three frequency bands: **20–200 Hz** → **red** (bass), **200–2000 Hz** → **green** (mids), **2000–20000 Hz** → **blue** (treble). The small **legend** below the mode bar shows this mapping, so you can instantly see which frequencies dominate. **Mixed color Sat.** keeps the colors more vivid, **Mixed color inv.** inverts them.
- **Dominant color** – the loudest frequency determines the screen color.
- **Full colors / Spectrogram** – many color bars by frequency and amplitude.
- Further modes such as **Single color, Color cycle, Program, Disco, Flow** plus the time-of-day moods **Morning / Noon / Evening**, and **inverted** (negative) variants.

When opening, a **safety notice** appears: people with color sensitivity or (photosensitive) epilepsy should not use the visualization. For streamed tracks “**Preparing visualization ...**” is shown briefly until enough audio has loaded – after that the image reacts to the music.

Automatic return: as soon as playback stops or pauses (e.g. via the sleep timer or at the end of a track without repeat), the visualization returns to the player by itself. With **Repeat** active it stays open.

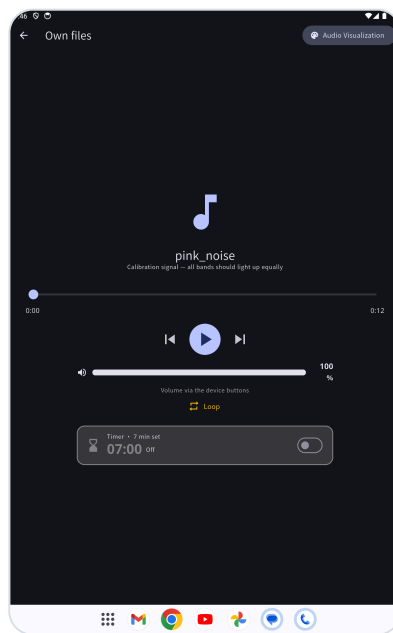
“Additional” Album (Test & Reference Signals)

The “**Additional**” album is **always available** – before and after any purchase, without internet. It contains generated reference signals for checking playback and the light organ across the entire hearing range:

- **Frequency test 20–20000 Hz** – a sweep through the whole hearing range. Ideal for seeing in the **Audio Visualization** how the colors follow the frequencies.
- **Six noise types** – white, pink, brown, blue, violet and gray noise (different frequency distributions).

The tracks play like any album; the **Audio Visualization** is also available here.

My Files



Your-own-files player with the same controls

Via “**My Files**” (home screen) you play your own, unencrypted audio files (MP3, WAV, FLAC ...).

- **Folders:** At the top you see the app’s **default folder**. With “**Add folder**” you select additional folders on Android via the system file picker. Selected folders are remembered until a factory reset.
- **Browse:** Tap a folder to navigate into it and start a track.
- **Pink noise:** A built-in calibration signal (plays on a loop) – for checking whether all frequency bands light up equally bright in the visualization.

The My Files player offers the same controls as the normal player: **volume**, **repeat** and its own **timer**. You set its default value separately under **Settings** → **Timer for own files**.

Streaming or Storing Locally (Album Storage)

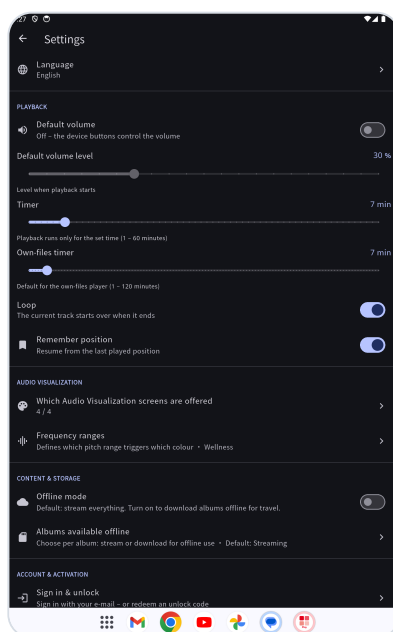
Open **Settings** → **Album Storage** (or tap the house/cloud symbol of a tile). Here you see, per album, whether it is stored locally or streamed, as well as the storage used.

- **Default for new albums:** switchable at the top between **streaming** and **local**.
- **Switch per album** with the switch on the right (☁ streaming / 🏠 local).
- **Local file is preferred:** If an album is present locally, it is played locally – even without internet.
- **Switching to streaming** when a local copy exists prompts you:
 - **Keep local** – the file stays on the device (still playable offline).
 - **Delete & stream** – the file is deleted, storage is freed.
 - **Cancel** – change nothing.

- A local copy you kept can later be deleted with the  **symbol** in the row.
- **Downloading with progress:** switching an album to **Local** downloads it; the progress is shown as a large **percentage** with a bar and a track counter. The album is available offline only once the download is complete (filled house icon).
- **Playback source:** locally stored or downloaded tracks always play locally; only what is **not** available locally is streamed.

Important: Locally stored albums remain subject to your license term. After it expires they can no longer be played – not even offline: the player then shows a **“License expired”** notice instead of playback. Renew the license (shop/subscription) and tap **“Check again”** to unlock playback.

Settings



The settings with the sections Playback, Language, Comfort and “Account & activation”

You reach all app options via the **gear icon** at the top right of the home screen. Settings are grouped into sections:

Playback

- **Default volume** – a switch (off by default). When on, every playback starts at a **preset volume** you choose (0–100 %); when off, the app plays at full volume and you adjust with the **device buttons**.
- **Timer** – default sleep-timer value in the normal player (minutes).
- **Timer for own files** – separate default sleep-timer value in the your-own-files player.
- **Repeat** – whether new tracks loop by default (on/off).
- **Frequency ranges** – preset of the frequency bands for the visualization: **Wellness**, **Normal** or **Custom**.

- **Edit frequencies** – set the band limits and each band's base color manually (for "Custom").
- **Visualization / therapy modes** – choose the default mode of the audio visualization (e.g. Mixed color).

Language

- **Language** – display language of the app; the change takes effect immediately across the app.

Comfort

- **Resume** – remembers the last position and resumes there on the next start.
- **Keep screen on during playback** – during playback the screen dims itself after a short idle time (pseudo screensaver, minimal brightness); audio keeps playing, including streaming. Tap to wake. **Off** by default = normal screen lock; then only downloaded albums keep playing while locked (on iPhone/iPad streaming too).
- **Offline mode** – for travelling: the app prefers locally stored albums and avoids online contact (see "Streaming or Storing Locally").

Account & activation

- **My account / subscriptions** – account data, active devices ("X of Y") and your packages/subscriptions with remaining time.
- **Redeem** – redeem an activation code or QR.
- **Activation** – registration status of this device and the signed-in email. Here you can **deactivate the device** – the license is released and can be used on another device; devices inactive for a while re-register automatically as soon as a slot is free.
- **Album storage** – manage streaming/local per album (see its own chapter).
- **HW test / diagnostics** – check whether the app runs smoothly (see its own chapter).

Danger zone

- **Delete device data** – remove this device from the account or (last device) delete the account permanently (see "Manage Account & Devices").
- **Factory reset** – reset the app to its delivery state.

Info & legal

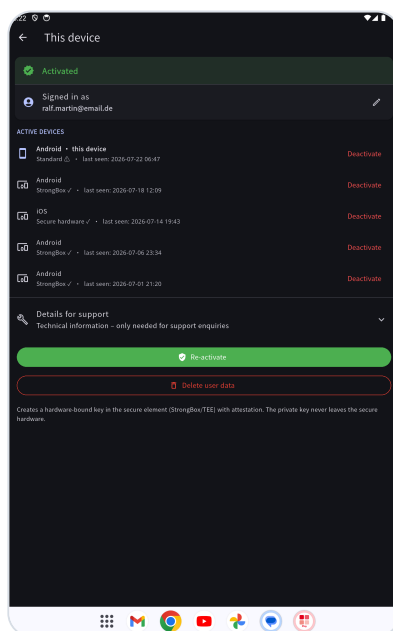
- **Manual** – this user guide (with version number in the header).
- **Version / update** – installed version; if an update is available it is offered here and via the "Update available" banner (Android; iPhone/iPad via App Store / TestFlight).
- **About / imprint** – provider and company details.
- **Privacy, Imprint, Terms of Use** – open in the app in your chosen language.

Registering a Device (Setup)

So that you can play your purchased content, you register your device once: in the setup window, enter the **email address** you ordered with, and tap **“Send confirmation”**. You receive a **confirmation email**; tapping the button in it activates the device – the window then updates automatically.

- The email field shows the placeholder **“my email address”** (in the chosen language).
- Using the **globe symbol** at the top of the window you select the app’s **language** directly during setup.
- **After reinstalling the app**, this device signs in again automatically – the email confirmation is **not needed again** (as long as your licence is valid and you did not deliberately sign the device out beforehand).

Manage Account & Devices



Activation: signed-in email, device status and “Deactivate device”

Under **Settings** → **My Account / Subscriptions** you see which data is registered to your device and **how many devices** your account uses (“X of Y devices active”).

- **Delete this device’s data:** by default removes **only this one device** from your account – your account, your subscriptions and all **other** devices remain. Albums downloaded on this device and the registration are deleted; your **own music** in the “Music” folder remains untouched.
- **Last device:** If it is your **only** registered device, you can choose whether to remove just this device (account and subscriptions remain for a later registration) **or** to permanently delete your **account** with all data and subscriptions. Permanent account deletion requires, for safety, the entry of the word **DELETE**.

New Activations

If a new album or package is activated for you, the app shows a “Newly activated” notice at startup.

HW Test / Diagnostics (Settings)

Via **Settings** → **HW Test / Diagnostics** you can check whether the app runs smoothly on your device. Before the first measurement, the app asks once for your **consent**: only technical device data (model, processor, memory, temperature, performance) is collected to prove stability – **no** personal data, **no** audio content. Consent can be withdrawn at any time.

- **Automatic test run** (recommended): Tap “**Quick**” – the app tests itself (playback and audio visualization) and shows a report at the end. During the run you see the current stage and the remaining time.
- **Hardware performance test**: “Measure” shows how much **performance headroom** your device has.
- **Send report**: Using the share symbol in the top right you can send the report to PHYbio (only after consent) – this helps us improve the app.

Help

If you have questions, contact info@phybio.com.

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