

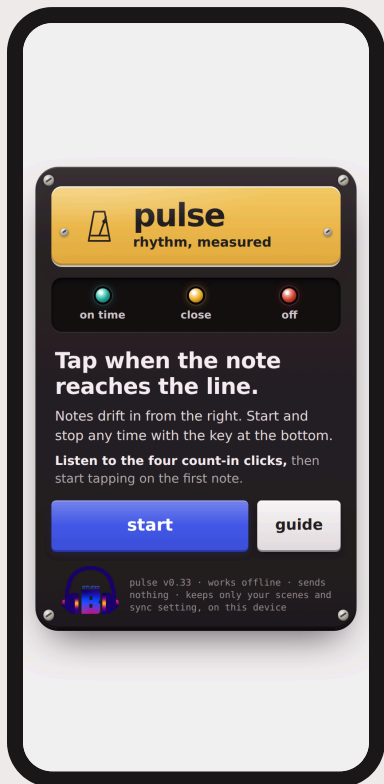


pulse
rhythm, measured

no. 2

A rhythm trainer that tells you the truth, to the millisecond. Read, tap, and hear exactly where you land.

Get started



Put it on your home screen

iPhone: open the Pulse link in Safari, tap **Share**, then **Add to Home Screen**.

Android: open the link in Chrome, tap **⋮**, then **Install app**.

Pulse then opens full screen like any app and works offline. The **guide** key on the start screen opens this guide any time.

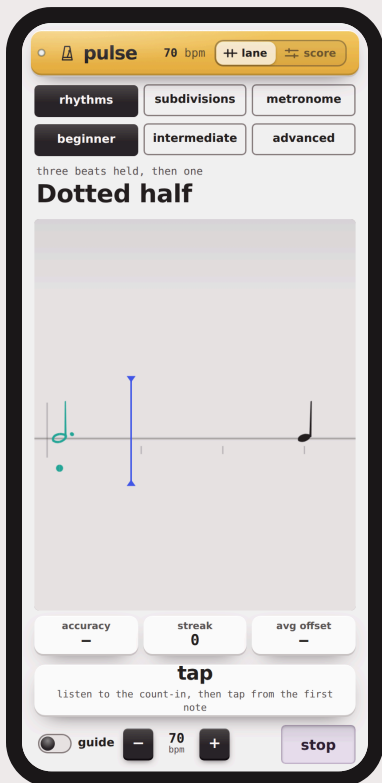
Your first run

Press **start**. Notes drift in from the right; tap as each one reaches the line.

Listen to the four count-in clicks, then tap from the first note. Pulse already allows for your device's audio delay, so there is nothing to set up.

Private by design. Pulse sends nothing anywhere. The only thing it keeps is the metronome scenes you choose to save, on your own device.

Rhythms



Pick a level: **beginner**, **intermediate** or **advanced**. Each run shuffles patterns from that level.

Reading your taps

- **on time**
- **close**, a little early or late
- **off**, or a note you missed

The note only sounds if you land it. While you play, all feedback stays on the notes themselves, so nothing pulls your eye off the line.

The numbers

They appear when you stop. **accuracy** is your share of notes landed, **streak** is notes in a row, and **avg offset** tells you if you rush (-) or drag (+) in milliseconds.

Controls

- / + change tempo by 10. **guide** plays each note for you while you learn it.

Score reader



Tap **score** at the top right to read the same rhythms as written music, four lines per page. **lane** takes you back.

Press **play** on the score. A blue cursor moves through the bar; tap each note as the cursor reaches it.

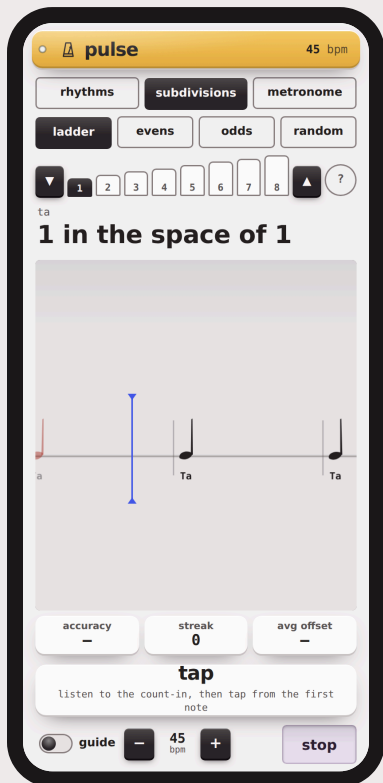
A coloured light appears under each note as you play: teal on time, amber close, red off.

At the end

You get a result card: **clean run**, **nearly clean** or **not yet**, with accuracy, best run and average timing. A clean run earns a little burst of colour.

Use the arrows to review each page, **play again** to retry, or **continue** for new material.

Subdivisions



Practise fitting 1 to 8 even notes into each beat, and switching between them.

ladder climbs one to eight and back. **evens** and **odds** work those groupings. **random** deals four at a time.

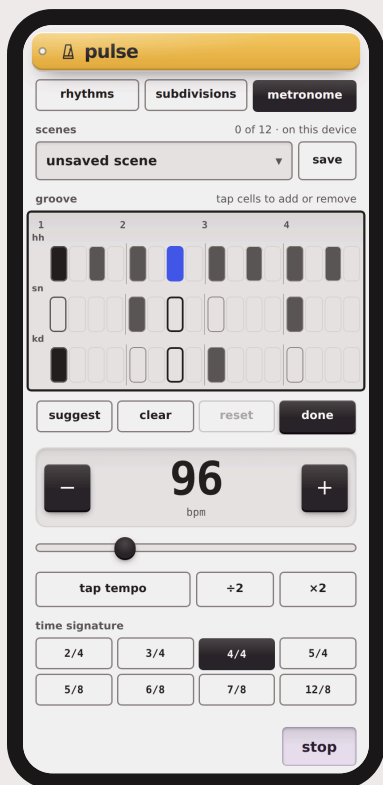
The rungs show where you are. Tap one to hold it, or use the arrows to step.

Syllables under the notes (*ta*, *ta-ka*, *ta-ki-ta*) give each grouping a sound. Say them as you tap.

Tap ? any time for a quick how-to.

Start slow. Subdivisions begin at 45 bpm for a reason: at speed, eight notes a beat fly by.

Metronome



Pick a **time signature** and a **groove**, or switch to **click only**.

Edit any groove

Tap the grid to open it. Tap cells to add or remove kick (kd), snare (sn) or hi-hat (hh). Changes play from the next step.

suggest tries another groove, **clear** empties the bar, **reset** restores the preset, **done** closes the grid.

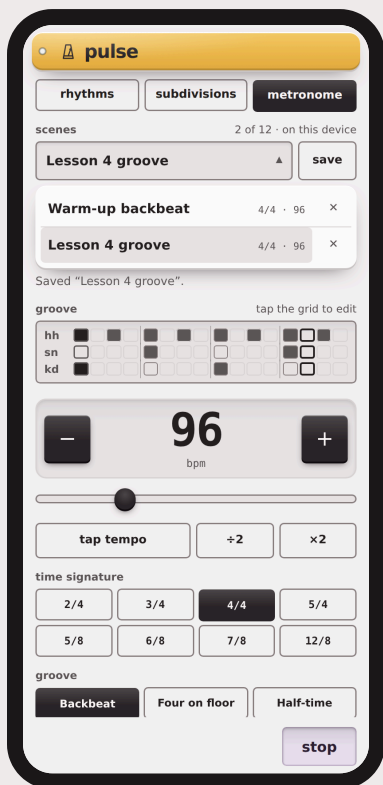
12/8

Four beats of three. It opens on the **Agbekor bell**: West Africa's standard bell pattern, as played on the gankogui bell in Agbekor, a traditional Ewe dance-drumming piece from Ghana and Togo. Also slow blues, doo-wop, and two polyrhythms (3 against 2, 4 against 3). Open the grid and tap **clear** to write your own.

Tempo

The number always counts **quarter notes**, in every time signature. Use - / + for tens, the slider for anything in between, **tap tempo** to set it by feel, and $\div 2$ / $\times 2$ to halve or double.

Scenes and mixer



Scenes

A scene saves everything: time signature, groove and your edits, tempo, every fader and the reverb.

Tap **save** and give it a name. Open the list to load a scene. Tap **×** twice to delete one. You can keep up to 12.

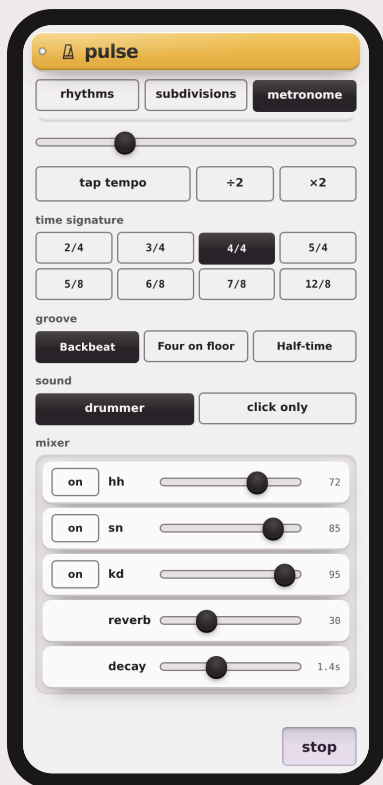
After loading, the name shows **• changed** once you tweak something, so you know saving will update it.

Mixer

Each drum has a volume fader and an on/off key. **reverb** adds a short, bright room to all the drums.

Scenes live on this device only. Clearing your browser's website data removes them.

Good to know



No sound on iPhone?

Flip the **ring/silent switch** to ring. iPhones mute web audio in silent mode.

Always a little early?

That's normal: most people tap slightly ahead of the beat. **avg offset** shows how much, so you can work on it. Aim for a number near zero.

Best sound

Use the phone speaker or wired headphones. Wireless headphones add a delay that makes every tap look late.

Keyboard

On a computer, **space** starts and taps, and **↑ / ↓** change tempo.

Updates

Pulse updates itself the next time you open it while online.