

BeatMirror for iOS Offers a Real-Time Way for Drummers to Stay on Beat

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Toronto-based indie development team Ten Kettles today announces BeatMirror: Beat detector for rhythm training 1.0, their new tempo-detection and training app for iOS devices. BeatMirror analyzes drum beats in real-time, displaying a drummer's tempo and other statistics as an aid to help the musician stay on the beat. Drummers just pick a target tempo and then start drumming. The app helps build internal rhythm skills, by indicating whether the beat is too fast or too slow.

Toronto, Canada - Independent development team Ten Kettles today is proud to announce the release and immediate availability of BeatMirror: Beat detector for rhythm training 1.0, their new tempo-detection and rhythm training app for iPhone, iPad and iPod touch devices. BeatMirror allows any drummer to pick a target tempo and simply start playing. The app monitors the beats per minute (bpm) in real-time, and displays the current tempo, average tempo, and tempo drift. Visual cues indicate if the tempo is too fast or too slow. BeatMirror helps any drummer develop their internal tempo.

To get started, the user simply taps the Target Tempo button to go to the Target Tempo entry screen. Then, the tempo is set by either using the handy slider, "+" and "-" buttons, or by simply tapping a beat on the on-screen tap pad. BeatMirror then uses the iOS device's built-in microphone to detect the drummer's tempo while they play. The app makes a great tool for drummers who want to develop their own internal metronome. The app offers a wide tempo detection range, detecting between 40 and 208 beats per minute (bpm). This makes the app a great tool for getting the beat down for any type of music.

"Learning to stay on beat - learning to groove - isn't always easy. I've often wrestled with it in my own playing," says Alex Andrews, creator of BeatMirror. "Traditional aids like a metronome are definitely useful... but they can also turn into a crutch. When I'm playing live or jamming with my band, I want to be listening to the other musicians, not a click track! It's those real-life musical situations where strong internal rhythm really shines through. And that's exactly why I built BeatMirror: to give musicians a tool to build their internal rhythm skills."

Features:

- * A wide tempo range: Tempo detection between 40 bpm and 208 bpm
- * Fast response time: Detects tempo quickly and accurately
- * Flexible: Accurate across time signatures (e.g., 4/4, 6/8) and rhythm styles (e.g., swing)
- * Real-time statistics display includes current tempo, average tempo, and drift
- * Easy-to-read interface in all environments, including on-stage or practice spaces
- * Tap pad allows users to intuitively set a target tempo
- * Perfect for use during solo practice, band rehearsals, or even at concerts

BeatMirror helps any drummer develop their own internal rhythm skills. The real-time monitoring and on-screen feedback helps the musician know when they're speeding up the tempo, or slowing it down. The app can be used in any environment. It can be used while practicing alone, jamming with the whole band, or even on-stage. BeatMirror helps keep the beat steady and strong.

In addition to being an avid musician, Alex has an education in Electrical Engineering and Engineering Physics and had almost a decade of work experience as a research engineer before founding Ten Kettles. That allowed him to approach the app with a real engineering mindset, helping him develop the real-time signal processing and audio analyzing features of the app. As a rule, Alex's skill set isn't a common one for the development of apps,

and he thinks it helps the app stand out.

"As someone who's spent a lot of time both playing and teaching music, I deeply want to contribute a useful practice tool. Something that musicians don't just find 'neat' but truly valuable," shares Alex. "I think this level of care isn't common enough in app development, and I do think it sets Ten Kettles' apps apart in general. This is my full-time gig and BeatMirror has just started its journey."

Alex has plans to continue development of the app, expanding it to other instruments in the future. A tempo graph is the top priority for an upcoming release, and Alex will continue to hone and perfect BeatMirror in future versions, as he has done for Ten Kettles' other two apps: hearEQ and Waay.

Device Requirements:

- * iPhone, iPad, and iPod touch
- * Requires iOS 9.0 or later
- * Universal Application
- * 25.4 MB

Pricing and Availability:

BeatMirror: Beat detector for rhythm training 1.0 is only \$2.99 USD (or an equivalent amount in other currencies) and is available worldwide exclusively through the App Store in the Music category. Review copies are available upon request.

BeatMirror: Beat detector for rhythm training 1.0:

<http://www.tenkettles.com/beatmirror/>

Purchase and Download:

<https://itunes.apple.com/app/beatmirror-beat-detector-for-rhythm-training/id1086730929>

Screenshots:

<https://www.dropbox.com/sh/cijq4xdzwrolh6d/AAC4OFwsm16MjiG01hQjN2G2a?dl=0>

Promotional Banner:

<https://www.dropbox.com/s/v6jvjc8zgxw4n3i/BeatMirror%20Banner.png?dl=0>

App Icon:

<https://www.dropbox.com/s/i2wlz7lc117hsjq/BeatMirror%20Icon.png?dl=0>

Based in Toronto, Ten Kettles builds original apps for music and education. The company was founded in 2013 by Alex Andrews. Alex is an engineer, teacher, and musician, coming from a background in research labs (biosignal analysis, hearing development & disability, music psychology), music education, and playing countless concerts in and around Toronto. Ten Kettles cares about happy, fulfilled users, creating products they're genuinely proud of, and doing things in a way that's win-win for them, their conscience, their city, and their world. All Material and Software (C) 2017 Ten Kettles. All Rights Reserved. Apple, the Apple logo, Macintosh, macOS and Mac OS X are registered trademarks of Apple Inc. in the U.S. and/or other countries. Other trademarks and registered trademarks may be the property of their respective owners.

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