

Pulse Tone Generator by BeetRoot Software Solutions Brief



Solutions Brief
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Enabled by Ultrabook 2-in-1 Devices with Intel® Atom™ Processors

Developer BeetRoot Software now offers its popular Pulse Tone Generator app for the versatile Ultrabook™ 2-in-1 devices, powered by Intel® Atom™ processors. This new development brings the app to a wider audience of mobile musicians, and offers features that enhance the mobile tuning experience. As an Intel® Software Partner, BeetRoot Software was able to take advantage of the portfolio of technical and business benefits available through the Intel® Developer Zone.

Part of the popular Pulse App Series, Pulse Tone Generator continues to rise in popularity due to its availability on mobile devices and versatile 2-in-1 systems, such as Ultrabook. This essential musical tool enables the user to generate tones between 20 & 20,000 Hz. Now, Pulse Tone Generator brings its array of musical support capabilities to Ultrabook.



Pulse Tone Generator, the Essential Take-along Tool for Mobile Musicians

Convertible devices are enabling musicians to bring new levels of convenience and accessibility to their work. Pulse Tone Generator, now available for Ultrabook devices with Intel Atom processors, offers an optimal user experience thanks to a wide array of high quality and interactive features.

High Quality Audio

Whether using the app to tune instruments or match vocal pitch, musicians will benefit from high quality audio. Capable of generating tones between 20 and 20,000 Hz, the app includes 16 bits per channel.



Interactive Touch Controls

Quickly generate tones and specify frequencies when using interactive touch capabilities optimized for the convertible device's interactive screen. Musicians can use touch-activated sliders to modify frequency in real time, or use the interactive 7-octave piano-style keyboard.



Intuitive Interface

When in tablet mode, users can view the generator in landscape, portrait or snapped mode. Simple controls through an intuitive interface are clearly delineated. Touch-activated buttons enable users to stop and start audio, reverse phases from left to right channels, select wave form, and more.



Wave Selection

The high quality audio generates perfect Sine, Square, Triange and SawTooth waves. Users can easily switch between them by tapping buttons on the 2-in-1 device's screen, and start or stop sound at any time.

Frequency Specification

Specifying frequencies is easy with touch-activated sliders, or with the interactive 7-octave piano-style keyboard that has been pre-tuned to standard concert tuning (A4 = 440Hz).

Mobile Tone Generation for a Wider Audience

Convertible devices have a portable and lightweight design, making it possible for musicians to tune instruments or practice pitch, even while traveling and to also benefit from the detachable keyboard for flexible control. Once they have downloaded Pulse Tone Generator, Ultrabook users can access its musical tools from virtually anywhere.



Pulse Tone Generator on Tablets for Ultrabook, Powered by Intel®

New Ultrabook convertible devices, based on Intel® Atom™ processors, provide a solid level of performance to power the musical tone generating capabilities of the Pulse Tone Generator application by BeetRoot Software.



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