

# MICROTUNER

This script is designed to be used in any Kontakt instrument to add Microtonal Abilities. It includes 300+ Scales and also the ability to convert most Scala files to it's format via an online web page.

## Script Installation

Extract or Copy/Paste the Microtonal.nkp preset to:

PC:

C:\Users\<YOUR USER NAME>\Documents\Native Instruments\Kontakt 5\presets\Scripts

MAC:

/Library/Application Support/Native Instruments/Kontakt 5/presets/Scripts

You can make a sub folder if you wish or use one of the existing Sub Folders in this Folder.

## Loading the Script

1. Open Kontakt and load any instrument that has a spare script slot.
2. Make Sure that 'Script Editor' is selected and click on a slot that's called <empty>



3. Click on 'Preset' and locate Microtuner in the User menu.

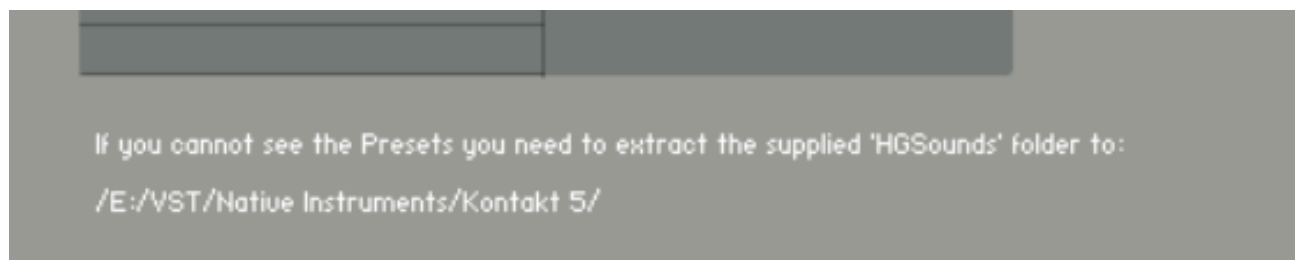
4. If you haven't installed the Scales yet, take note of the file Path below the Browser which is where you need to put them and go to Scales Installation.

NOTE: The script is best used in a script slot after all other scripts so that it can override any other tuning system that the instrument may have. If this isn't possible disable any other tuning related settings in the instrument.

## Scales Installation

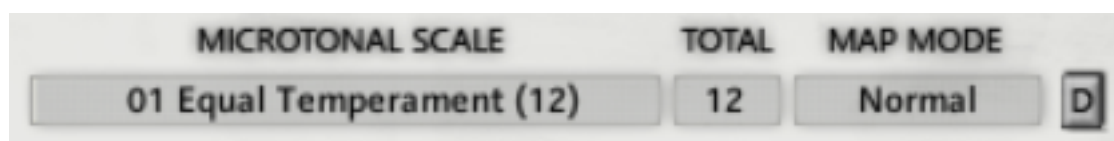
To ensure compatibility with Library Instruments, the only common location which can be accessed is the Kontakt Installation Folder for some reason which makes installation a bit more complex than it could be. Additionally if you installed Kontakt into your Program Files Structure you may need Administrator Permission.

Extract or Copy/Paste the 'Microtuner Scales' folder to your Kontakt Installation Folder. If you do not know where this is see 'Loading the Script' and the location will be displayed below the browser:



The next time you load the script the Scales will be visible in the script.

# Microtuner



Cassetto v1.4 introduces a fully fledged Microtonal engine with an [online web page](#) to convert Scala files to Cassetto Format. The system supports the standard x notes over a single octave as well as x notes over multiple octaves. If you don't know anything about Microtonal Scales I suggest you [read this](#) as a primer which provides a good background.

In a nutshell, western music is based on 12 semitones = 1 Octave, a microtuner allows breaking away from this and having different intervals for each note, for example Well Temperament which is a slight modification of Equal Temperament to give a more natural/less sterile sound. Beyond that is the ability to have other tunings for example the Indian Shruti which is 22 notes over 1 Octave. Equal Temperament dominates popular music but there are endless musical scales which exist throughout the musical world.

Cassetto includes a selection of 300+ Scales which are loaded through the preset browser. To add your own, use the web page to convert the .scl file and put it in the preset folder and the next time you load Cassetto it will be visible (Note you can also use the load Button if you want access without reloading).

All Scales are loaded with Middle C (midi Note 60) being the 1<sup>st</sup> Note of the Scale, and in Normal Mode they will progress chromatically up the keyboard.

One issue with using scale sizes other than 12 notes, means it can be difficult to know where the 1<sup>st</sup> note of the scale is because keyboards/Midi Controllers are based on the 12 Note Scale. To help with this Cassetto includes a Mapped mode which will remap scales so that the 1<sup>st</sup> note will always be on a 'C' key, and as a result some keys will not make any sound, as an example for a 7 Note scale only the white notes are used, so black notes will produce no sound. You can see on the Kontakt GUI Keyboard which Notes are being used when in Mapped Mode, they are highlighted in RED. The map mode only works with Scales up to 24 notes in length.

NOTE – when using the online converter, the scales will be stored locally and may be added to the Cassetto collection in future releases. At the time of writing, the Converter is working for about 95% of .scl files, if you find one that doesn't work please email me the Scala file so I can take a look.

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