

## Brian's Hard Grooves

Brian Hardgroove is a record producer, bassist, and member of the legendary Rock-n-Roll Hall of Fame hip-hop group Public Enemy. Hardgroove's musical repertoire spans the genres of hip-hop, soul, rhythm and blues, rock, and reggae. Although he's done productions that include the extraordinary talents of Chuck D (Public Enemy), Steven Tyler & Joe Perry (Aerosmith), Burning Spear (Grammy winner "Reggae Album of the Year" 2009), Marc Anthony, Supertramp, and The Fine Arts Militia, his most cherished work is the production of two of China's premier punk rock bands—Demerit and Brain Failure.



### THE LOOPS

The library includes 150 unique loops in both REX and Acidized (Groove Clip) format, for 300 loops total. These are arranged in two groups of seven folders. Each group has its own native tempo (80 BPM and 100 BPM).

Each folder starts with a Hardgroove loop. Then in collaboration with Craig Anderton, additional variations on the main loop were created from this loop by cutting, pasting, re-arranging, and sometimes transposing notes. By retaining the original notes, tone, and style, these variations allow building up a song with variations that can be far more interesting than conventional repetitive loops. Just drag them in, and get inspired.

## TRANSPOSING AND STRETCHING

Each loop has a “native” key, which is the letter prior to the RX2 or WAV suffix. Note that the REX and Groove Clip (WAV) formats have different strengths and limitations.

- REX files are optimum for playing at the native key, and stretch well over a wide tempo range. REX files stretch more elegantly to slower tempos than WAV files. Unlike Acidized files, which (depending on your host) can follow tempo changes, REX files don't follow pitch changes.
- Groove Clip files stretch over a wide range, but sound better when sped up compared to slowing them down. They also transpose well and follow Pitch Markers; the fidelity depends on how far you transpose from the native pitch.

All mainstream DAWs on both Mac and Windows support Acidized files either directly or by importing to a similar format internally, and most support REX files as well. (Note: Apple Logic Pro X supports Acidized WAV files, but REX file support requires running a terminal command). Many virtual instruments also support REX files.

## BONUS ONE-SHOTS!

In addition to the loops, the **Chromatic Notes** folder contains 22 one-shot files of the individual bass notes used in the loops. Use these to create variations with the existing loops, or even create your own loops with the same sound—so they fit in perfectly with Brian's loops.

## MODIFYING THE LOOPS

These loops transpose very well in Melodyne. After choosing the tempo and importing the file, convert either the RX2 or Acidized format to a standard WAV or AIF file by rendering/bouncing the clip (see your DAW's documentation for how to do this). Now you can open it in Melodyne and transpose individual notes, or even entire patterns.

Most importantly, now you can have Brian Hardgroove play bass on your session, and add his unique combination of R&B and rock flair to your own productions.