



Tips for Using GarageBand Jam Pack 2: Remix Tools Instruments

The GarageBand Jam Pack 2: Remix Tools package contains over 100 Software Instrument presets you can use to create remixes in a variety of contemporary genres. In addition to synthesizer instruments, Remix Tools includes Software Instruments in the following categories:

- Drum kits, including kits based on classic Roland drum machines
- Keyboard instruments for creating chordal riffs and pads
- Sound Effects “kits” you can use for atmospheric effects and transitions

This document describes the Drum Kit, Keyboard, and Sound Effects instruments included in Remix Tools, and lists controller information for each of these instruments.

Drum Kits

Remix Tools includes 22 drum kits, featuring both classic and contemporary drum sounds. In addition, you can modify the sound of each drum kit in real time using keyboard controllers, including the modulation (mod) wheel and pitch bend wheel. The following table lists controller information for the drum kits.

Drum Kit	Controller Info
2-Step Remix	Raising the mod wheel closes the cutoff filter and increases resonance.
Big Beat Remix	Moving the pitch bend wheel raises or lowers the pitch of many drum sounds (up to 3 octaves higher or lower), so you can change their pitch over time.
Breaks Remix	You can control the maximum length of most drum sounds using the Release slider in the Generator editor window. Drag the slider left to create short, tight, punchy sounds, used in certain styles of music.
Classic Hip Hop Remix	When using the hi-hat drum sounds (notes F#1 and A#1 in most drum kits), playing one note will stop the sound of the previously played note, like closing a hi-hat with a foot pedal.
Classic House Remix	
Drum 'N Bass Remix	
Electroclash Remix	
Euro Dance Remix	
Hard Techno Remix	
Hip Hop Remix	
Lo-Fi Remix	
Old School Funk Remix	
Paris House Remix	
RnB Remix	
Goa Remix	
Trance Remix	
Trip Hop Remix	
UK Garage Remix	

Roland Drum Kits

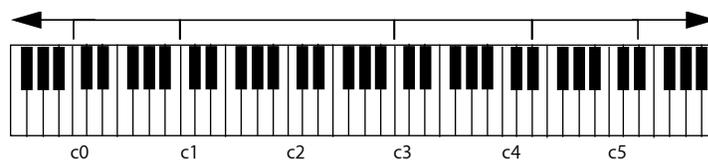
Many dance hits, in genres ranging from Hip Hop to House and from Euro to Trance, feature the sound of vintage Roland drum machines. Remix Tools includes drum kits that emulate four of the best-known Roland drum machines.

Drum Kit	Description	Controller Information
Roland CR-78 Kit	Based on the CR-78 CompuRhythm, the world's first user-programmable drum machine, a breakthrough from Roland.	The mod wheel closes the cutoff filter and increases resonance.
Roland TR-606 Kit	Based on the TR-606 Drumatix, the highly portable, analog "little brother" of the TR-808.	All Roland kits include drum kit sounds with alternate effects in the C-1 to C1 note range.
Roland TR-808 Kit	Based on the TR-808 Rhythm Composer, the all-time favorite used in many hit songs from the 1980s on.	The TR-808 and TR-909 drum kits include alternate kick drum sounds in the C-2 to C-1 note range, and alternate snare drum sounds in the E5 to F7 note range.
Roland TR-909 Kit	Based on the TR-909 Rhythm Composer, the first Roland drum machine to combine analog and sampled sounds.	

Organization of Drum Kit Sounds

The sounds in the Remix Tools drum kits are organized across the keyboard in the following general order:

- Notes below C0: Miscellaneous sounds relevant to the genre.
- Notes C0 to C1: Alternate drum kit sounds.
- Notes C1 to B2: Standard drum kit sounds, including kick drum, snare, hi-hats, ride cymbals, crash cymbals, and toms.
- Notes C3 to A#3: Basic Latin percussion, including bongo, congas, timbales and agogo.
- Notes B3 to D#5: More Latin and other exotic percussion, including triangle, wood block, claves, guiro, and cuica.
- Notes above D#5: Sound effects and other miscellaneous sounds.



Note: On most smaller music keyboards, you can access higher and lower octaves using the keyboard's octave up and octave down controls. See the instructions that came with your keyboard.

Drum Kit Effects

Most Remix Tools drum kits include optional effects commonly applied to drum tracks in the kit's genre. When you select the track with one of the drum kits, these effects appear in the Details area of the Track Info window, but are turned off. You can turn them on by clicking the checkbox next to each effect.

Keyboard Instruments

Many dance music styles feature keyboard instruments playing chordal riffs and stabs. Remix Tools includes nine new keyboard Software Instruments that give you a wide range of contemporary keyboard sounds. Each note plays a chord, making it easy to create characteristic chord progressions.

Instruments	Description	Controller Info
Detroit Overground Detroit Underground	Short, bright filtered synth.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.
Energy Blasts Energy Stabs	Complex sound; sustained notes fade gradually.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases attack and volume.
Genius Chords Genius Pad	Cool organ-like sound.	Mod wheel adds panning and subtle detuning, simulating a rotating speaker. Higher velocity opens cutoff filter.
Glacier Melt Glacier Pad	Complex, vocal-like synth sound; sustained notes fade gradually.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.
Heavenly Ascent Heavenly Chords Heavenly Gallup Heavenly Ricochet	Very bright, modulating sawtooth-wave synth sound.	Mod wheel abruptly gates the instrument's volume, allowing you to perform rhythmic 'strobe' effects. Higher velocity opens cutoff filter and increases volume.
Lucid Chords Lucid Swirl	Percussive piano-like sound, useful for short accented stabs or sustained chords.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.
Luscious Current Luscious Pad	Rich, evolving vocal-like ambient sound.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.
Velocity Chords Velocity Funk	Sharp, bright synth sound that fades quickly.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume and brightness.
Warm Glow Chords Warm Radiant Chords	Smooth pad sound with soft attack; sustained notes fade gradually.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.

Sound Effects

Today's remix and dance styles often make use of sound effects, particularly for atmospheric 'filler' sounds and during breakdowns. Remix Tools includes two instruments in a new Sound Effects instrument category. You play the Sound Effects instruments like the drum kits, with each note on your music keyboard giving you a unique sound.

Instrument	Description	Controller Info
Atmospheric FX Atmospheric Processor Atmospheric Strobe Atom Smasher	Contains sounds you can layer over your beats and riffs to add atmosphere and mood.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.
Transition FX Transfigure Transmission Transoceanic Transporter	Contains sounds suitable for use in transitions and breakdowns.	Mod wheel closes the cutoff filter and increases resonance. Higher velocity increases volume.

With the drum kits, keyboards, and sound effects instruments included in Remix Tools, you can easily create your own beats, breaks, and remixes in today's popular dance and urban music genres.

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