



Tips for Using GarageBand Jam Pack 3: Rhythm Section Instruments

The GarageBand Rhythm Section package contains over 50 Software Instrument presets you can use to create rhythm and backing tracks in a variety of styles. Rhythm Section includes Software Instruments in the following categories:

- Drum Kits, including several complete new kits and a drum toolkit.
- Guitars, including a steel resonator guitar, a bluegrass banjo, an acoustic folk guitar, and three new electric guitars, with harmonics and tapping.
- Basses, including a variety of new electric basses and an “unplugged” acoustic bass guitar.
- Mallets, including a steel drum band.

This document describes the Drum Kit, Bass, Guitar, and Mallet instruments included in Rhythm Section, and lists controller information for each instrument.

Drum Kits

Rhythm Section includes 10 new 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
Cavern Kit	<ul style="list-style-type: none">• Raising the mod wheel closes the cutoff filter and increases resonance.• 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.• You can shorten or lengthen the 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.• 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.
Headbanger Kit	
Indie Kit	
Indie Kit Live	
Roadhouse Kit	
Seventies Kit	
Studio Brush Kit	
Studio Heavy Kit	
Studio Tight Kit	
Warehouse Kit	

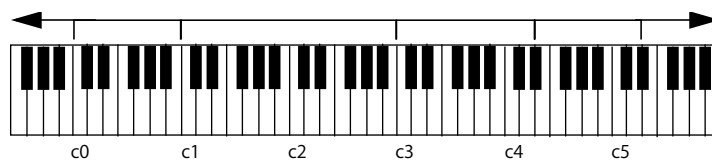
There is one additional instrument in the Drum Kits: Studio Toolkit. This instrument uses a different organization from the other drum kits.

Instrument	Description	Controller Info
Studio Toolkit	Includes a variety of sounds for each type of drum, including kick and snare drum, tom-tom, rim shot, hi-hats, and cymbals	<ul style="list-style-type: none"> Raising the mod wheel closes the cutoff filter and increases resonance.

Organization of Drum Kit Sounds

The sounds in the Rhythm Section 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.
- As mentioned above, Studio Toolkit uses a different organization.



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 Rhythm Section 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.

Bass

Bass, together with drums, forms the foundation of the rhythm section, defining the rhythmic groove of a song. Rhythm Section includes several classic bass guitar sounds you can use to create the right groove for the style of your song.

Instrument	Description	Controller Info
Aggressive Fretless	Fretless electric bass with strong bite and attack	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Highest velocity adds slide down to note.
Attitude Bass Glam Rock Bass Grind Bass	Fretless electric bass played with a pick for heavier styles such as alternative rock, punk, and metal	<ul style="list-style-type: none"> • Mod wheel adds slide up to note. • Higher velocity increases attack and intensity. Lowest velocity plays stopped notes. • Notes below E0 play slides and dives.
Liverpool Bass	Electric bass with a round, lyrical tone for classic rock and melodic pop	<ul style="list-style-type: none"> • Mod wheel makes the sound more muted. • Highest velocity adds a slide down from the note. • Notes below E0 give slides, harmonics, and pick sound.
Motown Bass	Deep, warm electric bass reminiscent of the classic Motown sound	<ul style="list-style-type: none"> • Mod wheel makes the sound more muted. • Highest velocity adds a slide down from the note. • Notes below E0 give slides, harmonics, and pick sound.
Prog Rock Bass Underwater Bass Science Bass	Picked electric bass with wiry treble sound, rounded out with a warm amp tone that captures the sound of progressive art rock from the 70s and 80s	<ul style="list-style-type: none"> • Mod wheel adds lower octave doubling. • Highest velocity changes pick sound. • Notes below E0 play slides, dives, and pick sound.
Prog Rock Muted	Like Prog Rock Bass, but notes are dampened, with less sustain	<ul style="list-style-type: none"> • Notes below E0 play slides, dives, and pick sound. • Mod wheel combined with highest velocity plays trills.
Session Bass	Detailed “custom shop” electric bass with a unique tone designed to be warm and punchy in a mix	<ul style="list-style-type: none"> • Mod wheel adds slide down to note. • Higher velocities increase bite and loudness. Lowest velocity plays stopped note. • Mod wheel up combined with higher velocity adds slide down to note.
Stinger Bass	Classic funky electric bass with extra high-end presence to cut through drums and complex mixes	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Higher velocity adds loudness and intensity.
Subby Bass	Contemporary electric bass with strong sub-bass overtones	<ul style="list-style-type: none"> • Mod wheel makes the sound more muted. • Velocity adds ring. Highest velocity adds slide down from note. • Notes below E0 play slides, dives, and pick sound.

Instrument	Description	Controller Info
Thumbstroke Bass Reggae Bass	Rich electric bass played with a soft thumb downstroke, for reggae and other deep bass styles	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Highest velocity adds loudness and intensity.
Unplugged Bass	Acoustic bass guitar with a “played live” sound, for organic, earthy songs	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Highest velocity adds loudness and intensity.

Guitars

Guitars are one of the defining instruments in many popular music styles. Rhythm Section includes both acoustic and electric guitars, as well as other popular fretted string instruments, such as the banjo.

Instrument	Description	Controller Info
Acoustic Harmonics Flutter Harmonics	Acoustic guitar harmonics	<ul style="list-style-type: none"> • Mod wheel adds sustain. • Highest velocity plays tap with harmonics.
Bluegrass Banjo Atlantis Banjo	Traditional plucked bluegrass banjo	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Low velocities alternate between stopped and muted note. Higher velocities sound more open. Highest velocity adds slides up to note. • Notes below E0 play chordal rolls, string slides.
Bluesy Acoustic	Acoustic guitar with a darker, woodier tone for blues and alternative rock	<ul style="list-style-type: none"> • Mod wheel combined with highest velocity: Low position adds slide up to note, Mid position adds blue note slides, high position adds harmonics. • Highest velocity has slides; different velocity levels change the attack and string vibrato. • Notes below E0 has taps, stopped strums, and other instrument sounds.
Dobro Slide Swamp Dobro	Steel resonator guitar (used in bluegrass, folk, and other styles)	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Higher velocities increase vibrato; highest velocity add slides. • Notes below E0 play body taps, slides, and other instrument sounds.
Dobro Chords	Each note plays a chord or interval, some with slides up to the chord.	<ul style="list-style-type: none"> • Notes E0 to A#3 play major chords. Notes B3 to E5 play minor chords. Notes above E5 play open fourths. • Mod wheel adds velocity. • Velocity increases loudness and intensity.
Eighties Electric Eighties Electric Clean	Electric guitar with heavy amp distortion, chorus, and echo. Good for hard rock, heavy metal, and power ballads.	<ul style="list-style-type: none"> • Mod wheel adds vibrato. • Higher velocities add intensity. Highest velocity plays harmonics.

Instrument	Description	Controller Info
Eighties Power Chords	Each note plays a complete power chord or power strum.	<ul style="list-style-type: none"> Notes B0 through A2 play power chords; notes B2 through A4 play stopped (muted) chords. Mod wheel adds vibrato. Higher velocities add intensity.
Pinch Harmonics	Overdriven electric guitar with special harmonics that “squeal” from just the right pick attack. Good for ripping lead guitar solos.	<ul style="list-style-type: none"> Mod wheel adds vibrato. Highest level plays tap.
Sunburst Electric Sunburst Lead Festival Lead Vintage Electric Revolving Lines New Surf Lead	Vintage “humbucking” electric guitar, good for classic rock, blues. Sound includes high-gain amp simulation and effects.	<ul style="list-style-type: none"> Mod wheel adds vibrato. Higher velocities add intensity.
Sunburst Power Chords Mosh Pit	Each note plays a complete power chord or power strum.	<ul style="list-style-type: none"> Notes B0 through A2 play power chord. Notes B2 through A4 play stopped (muted) chords. Mod wheel adds vibrato. Higher velocities add intensity.
Twangy Electric Tie Dye Lead	Single-coil electric guitar, good for pop, rock, country, Texas blues, and surf music	<ul style="list-style-type: none"> Mod wheel adds vibrato. Higher velocities increase intensity.
Twangy Strumming	Each note plays a complete major or minor chord, with adjacent octaves playing up and down strums.	<ul style="list-style-type: none"> Notes E2 through D#4 play major chords; notes E4 through D#6 play minor chords. Mod wheel adds vibrato. Higher velocities increase intensity.

Mallets

Rhythm Section includes a Caribbean steel drum instrument.

Instrument	Description	Controller Info
Caribbean Steel Drums	Full ensemble of steel drums for festive island sound.	<ul style="list-style-type: none"> The steel drums are arranged chromatically across the keyboard, like a piano. Mod wheel repeats or “rolls” each note.

