

About the BD-808:

The Synsonic-Instruments BD-808 plugin is a model of the original bass drum circuit of the famous Roland TR-808. A very detailed analysis of the electrical circuit behaviour and the special effects of the analog parts results in an authentic sounding virtual analog bass drum plugin. Especially for genres like Techno and Hip-Hop this kind of bass drum sound can be interesting. We hope you will have fun with it!

The BD-808 is tested on Cubase, Logic and Ableton Live on Windows and macOSX. Supported sample rates are: 44.1 kHz, 48 kHz and 96 kHz.

Adjustable Parameters:

Tune[-12,+12]: Controls the pitch of the BD-808 in halftones. Lowering the pitch generates subbass-frequencies and increasing the pitch generates tom-like sounds.

Fine[-100,+100]: Controls the pitch of the BD-808 in cents. You can use this parameter for matching the base frequency.

Accent[0,1]: This parameter controls how hard the BD-808 is triggered. It can be used to get a dynamic playable bass drum.

Level[0,1]: Controls the output level.

Difference between Accent and Level: In the original bass drum circuit there is a level and an accent control. The accent control can be automated and has a slightly impact on the bass drum sound. In contrast the level control has no influence on the sound and is used to set the appropriate output level.

Decay[0,1]: Controls how slow the bass drum sound decays. For the maximum setting you will get boomy sounds, whereas for the minimum setting you will get a click-like sound.

Tone[0,1]: With this control you can set the output filter of the BD-808. For lower settings the sound will be rather dull. For higher settings the sound will become more clicky.

MIDI-Sync-Tune: By enabling this switch, the pitch of the BD-808 will depend on the note value of the incoming MIDI messages. Thereby you can play the BD-808 as a bass-synth.

MIDI-Sync-Accent: By enabling this switch, the accent of the BD-808 will depend on the velocity value of the incoming MIDI messages. Thereby you can play the BD-808 dynamically. Turn down the accent control to get the full dynamic range.

Long-Decay: By enabling this switch, the decay range is extended, so you will get extra long bass drum sounds.

Trigger-Pad: By clicking the triggerpad you can trigger the BD-808 manually.

Trigger-LED: The trigger led indicates when the BD-808 is triggered, either manually or by a MIDI event.

Value Display: displays the value of current settings.

MIDI-CTRL-LEARN: If you would like to control a parameter of the BD-808 with an external MIDI controller, activate the MIDI-LEARN Switch. Then twiddle the control of the BD-808 you want to control. Afterwards twiddle the knob of your MIDI-Controller. Then deactivate the MIDI-LEARN function.

MIDI-CTRL-CLEAR: To remove a controller assignment activate the MIDI-CLEAR switch and twiddle the BD-808 parameter for which you want to delete the assignment.

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