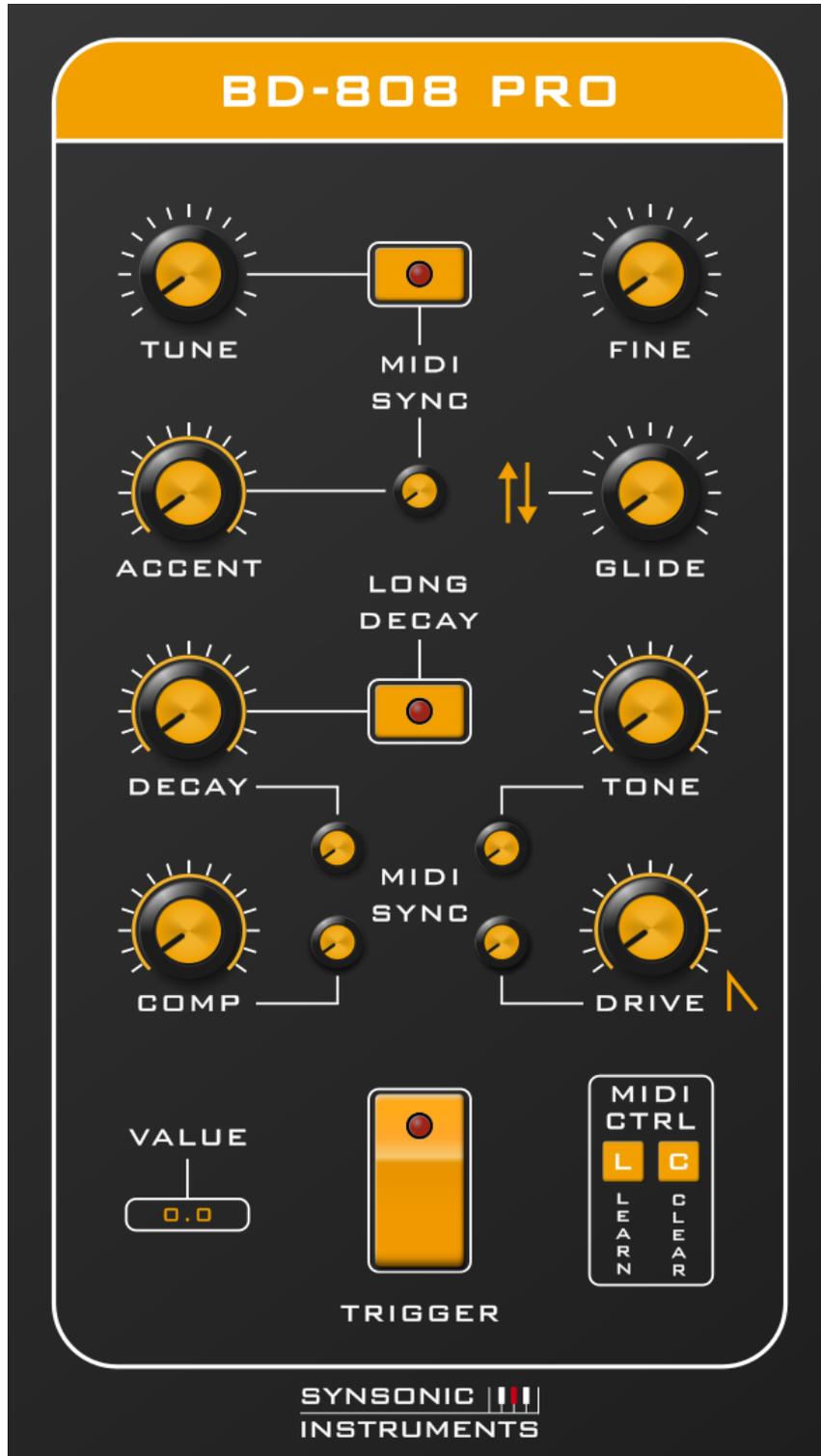


BD-808-PRO
Synsonic Instruments



PRO Features:

- Compression: The envelope can be compressed, resulting in a louder sound. A compression value of zero corresponds to the original 808 sound.
- Drive: Distortion enhances the 808 sound to achieve a dirty bass drum sound. A drive value of zero corresponds to the original 808 sound. By activating the drive envelope the distortion is only present during the attack phase of the overall sound. This behaviour may sound more natural, as a real drum also has more distortion at the initial hit.
- Glide: By turning up the glidetime, the pitch smoothly varies when different notes are played. Three different glidemodes (Up, Down, Up/Down) allow for different gliding behaviour.
- To allow more dynamic playing, one can influence the amount of Accent, Decay, Compression, Drive and Tone dependend on the MIDI velocity. E.g. a strong hit on the keyboard can set the drive higher than if the key is hit weaker. Turning the MIDI-SYNC knob of a parameter to the right leads to a positive relation between MIDI velocity and the parameter (indicated by a yellow ring outside the knob). Turning the MIDI-SYNC knob of a parameter to the left leads to a negative relation between MIDI velocity and the parameter (indicated by a red ring outside the knob).

Description:

The Synsonic-Instruments BD-808-PRO plugin is a model of the original bass drum circuit of the famous Roland TR-808 with an extended set of parameters. 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.

Demo Version:

The Demo version plays a noise in a fixed interval and has a DEMO label attached to the GUI.

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.

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.

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.

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.

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

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.

Comp[0,1]: The Comp parameter extends the envelope and makes the sound louder.

Drive[0,1]: Drive distorts the 808 sound by applying a smooth nonlinear curve to the signal.

DriveEnvelope[On/Off]: By activating the drive envelope the distortion is only present during the attack phase of the overall sound. This behaviour may sound more natural, as a real drum also has more distortion at the initial hit.

Glide[0,1s]: The glidetime can be adjusted from 0 to 1 seconds. With a glidetime of zero the pitch of a note is immediately reached. With a long glidetime the pitch slowly moves towards the pitch of the currently played note.

Glidemode: By clicking on the arrows left to the glide knob you can select one of three modes:

Up: The glidetime is only applied if the current pitch is higher than the pitch of the previous played note.

Down: The glidetime is only applied if the current pitch is lower than the pitch of the previous played note.

Up/Down: The glidetime is applied if the current pitch is lower or higher than the pitch of the previous played note.

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-SYNC Knobs: To allow more dynamic playing, one can influence the amount of Accent, Decay, Compression, Drive and Tone dependend on the MIDI velocity. E.g. a strong hit on the keyboard can set the drive higher than if the key is hit weaker. Turning the MIDI-SYNC knob of a parameter to the right leads to a positive relation between MIDI velocity and the parameter (indicated by a yellow ring outside the knob). Turning the MIDI-SYNC knob of a parameter to the left leads to a negative

relation between MIDI velocity and the parameter (indicated by a red ring outside the knob).

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.

LICENSE

1. GRANT OF LICENSE.

The SOFTWARE PRODUCT is licensed as follows:

(a) Installation and Use.

Synsonic-Instruments grants you the right to install and use copies of the SOFTWARE PRODUCT on your computer running a validly licensed copy of the operating system for which the SOFTWARE PRODUCT was designed.

(b) Backup Copies.

You may also make copies of the SOFTWARE PRODUCT as may be necessary for backup and archival purposes.

2. DESCRIPTION OF OTHER RIGHTS AND LIMITATIONS.

(a) Maintenance of Copyright Notices.

You must not remove or alter any copyright notices on any and all copies of the SOFTWARE PRODUCT.

(b) Distribution.

You may not distribute registered copies of the SOFTWARE PRODUCT to third parties. Evaluation versions available for download from Synsonic-Instruments websites may be freely distributed.

(c) Prohibition on Reverse Engineering, Decompilation, and Disassembly.

You may not reverse engineer, decompile, or disassemble the SOFTWARE PRODUCT, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation.

(d) Rental.

You may not rent, lease, or lend the SOFTWARE PRODUCT.

(e) Support Services.

Synsonic-Instruments may provide you with support services related to the SOFTWARE PRODUCT ("Support Services"). Any supplemental software code provided to you as part of the Support Services shall be considered part of the SOFTWARE PRODUCT and subject to the terms and conditions of this EULA.

(f) Compliance with Applicable Laws.

You must comply with all applicable laws regarding use of the SOFTWARE PRODUCT.

3. TERMINATION

Without prejudice to any other rights, Synsonic-Instruments may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the SOFTWARE PRODUCT in your possession.

4. COPYRIGHT

All title, including but not limited to copyrights, in and to the SOFTWARE PRODUCT and any copies thereof are owned by Synsonic-Instruments or its suppliers. All title and intellectual property rights in and to the content which may be accessed through use of the SOFTWARE PRODUCT is the property of the respective content owner and may be protected by applicable copyright or other intellectual property laws and treaties. This EULA grants you no rights to use such content. All rights not expressly granted are reserved by Synsonic-Instruments.

5. NO WARRANTIES

Synsonic-Instruments expressly disclaims any warranty for the SOFTWARE PRODUCT. The SOFTWARE PRODUCT is provided 'As Is' without any express or implied warranty of any kind, including but not limited to any warranties of merchantability, noninfringement, or fitness of a particular purpose. Synsonic-Instruments does not warrant or assume responsibility for the accuracy or completeness of any information, text, graphics, links or other items contained within the SOFTWARE PRODUCT. Synsonic-Instruments makes no warranties respecting any harm that may be caused by the transmission of a computer virus, worm, time bomb, logic bomb, or other such computer program. Synsonic-Instruments further expressly disclaims any warranty or representation to Authorized Users or to any third party.

6. LIMITATION OF LIABILITY

In no event shall Synsonic-Instruments be liable for any damages (including, without limitation, lost profits, business interruption, or lost information) rising out of 'Authorized Users' use of or inability to use the SOFTWARE PRODUCT, even if Synsonic-Instruments has been advised of the possibility of such damages. In no event will Synsonic-Instruments be liable for loss of data or for indirect, special, incidental, consequential (including lost profit), or other damages based in contract, tort or otherwise. Synsonic-Instruments shall have no liability with respect to the content of the SOFTWARE PRODUCT or any part thereof, including but not limited to errors or omissions contained therein, libel, infringements of rights of publicity, privacy, trademark rights, business interruption, personal injury, loss of privacy, moral rights or the disclosure of confidential information.

Remarks:



VST is a trademark and software of Steinberg Media Technologies GmbH