



MODERN REGGAE DRUMS PRO

User Manual

Standalone | VST 3 | AU | WIN | MAC

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1. Introduction

Modern Reggae Drums Pro is a professional standalone/VST3/AU drum plugin built specifically for reggae music production.

Unlike sample libraries that require a host sampler like Kontakt, Modern Reggae Drums Pro runs completely independent — no additional software is needed. Simply install, activate and play.

Key Features:

- 4 Snare Drums: Tama Low, Tama High, Tama Damped, Pearl
- 3 Timbales: LP Tito Puente 13", LP Tito Puente 14", LP Chrome
- Damped & Undamped Toms
- Zildjian New Beat HiHat with 16 full articulations
- 14 Stereo Output Pairs for flexible DAW routing
- Full overhead and room bleed control for every kit piece
- Built-in Delay with tempo sync
- Built-in Spring & Digital Reverb
- MIDI Groove Browser with DAW tempo sync
- Full MIDI Mapping & Learn system
- Snare Wire Bleed simulation (Kick, Toms & Timbale included)
- Per-channel EQ, Gain, Pan, Tune, Saturation
- User Presets & Factory Presets
- Resizable UI (50% - 200%)
- Works on Windows & Mac — no additional software required

2. System Requirements

Windows

- Windows 10 or 11 (64-bit)
- VST3 compatible DAW or Standalone
- 4 GB RAM minimum, 8 GB recommended
- 2 GB free disk space
- Internet connection required for activation
- Audio interface recommended for low latency

Mac

- macOS 10.13 or higher
- AU or VST3 compatible DAW, or Standalone
- 4 GB RAM minimum, 8 GB recommended
- 2 GB free disk space
- Internet connection required for activation

3. Installation

Windows

Run the provided Windows installer (.exe). Files are copied automatically:

- VST3 Plugin: C:\Program Files\Common Files\VST3\
- Standalone: C:\Program Files\ReggaeBeats Prod\
- Samples: C:\Users\[Username]\AppData\Roaming\ReggaeBeats Prod\Modern Reggae Drums Pro\
- MIDI Loops: Documents\ReggaeBeats Prod\Modern Reggae Drums Pro\MIDI Loops\

Mac

Run the provided Mac installer (.pkg). Files are copied automatically:

- AU Plugin: ~/Library/Audio/Plug-Ins/Components/
- VST3 Plugin: ~/Library/Audio/Plug-Ins/VST3/
- Standalone: /Applications/
- Samples: ~/Library/Application Support/ReggaeBeats Prod/Modern Reggae Drums Pro/
- MIDI Loops: ~/Documents/ReggaeBeats Prod/Modern Reggae Drums Pro/MIDI Loops/

First Launch — Sample Folder Selection

On the very first launch after installation, the plugin will ask you to locate the sample library folder. A dialog will appear prompting you to select the sample folder. Navigate to the location where the installer placed the samples and confirm the selection. This only needs to be done once.

Note: After installation, open your DAW and perform a plugin rescan.

4. Activation & Licensing

Modern Reggae Drums Pro requires a valid license key to unlock full functionality. After purchase, you will receive a license key via email.

Activation Steps:

1. Launch the plugin (Standalone or in your DAW)
2. The activation screen appears on first launch
3. Enter your license key in the Serial field
4. Click AUTHORIZE – an internet connection is required
5. The plugin verifies your license online and unlocks
6. After successful activation, the plugin is fully unlocked on this machine

Note: To transfer your license to a new computer, contact info@reggaebeats.net

5. Interface Overview



Main Interface – Modern Reggae Drums Pro

The interface is divided into several areas:

Top Bar: Preset browser, navigation arrows, save button and MIDI Browser button

Main Area: Visual display of selected EQ, full Preset Browser, Delay and Reverb module

Mixer Grid: Per-channel controls: Gain, EQ, Pan, Tune, OH%, Room%, Heat%, Delay%, Reverb%, Channel output, Solo

Right Panel: Sound selection for Snare, X Stick (Sidestick), Timbale, Toms, Snare Wire Bleed, Open Delay & Reverb Modules buttons, Settings & MIDI Map

Top Left: UI Size control

6. Mixer Section

The mixer grid gives you individual control over each drum channel. The direct mic channels are: Kick, Snare Top, Snare Bottom, X Stick (Side Stick), HiHat, Tom High, Tom Medium, Tom Low, Timbale. The separate ambience microphone channels are Overhead Left, Overhead Right and a Stereo Room channel.

GAIN: Volume control for the channel. Uses a decibel scale for natural response.

EQ: Click the EQ bars to open the parametric EQ for that channel.

PAN: Stereo panning — left to right.

TUNE: Pitch tuning for the channel in semitones.

OH %: Amount of signal sent to the Overhead bus (L+R).

ROOM %: Amount of signal sent to the Room reverb bus.

HEAT %: Saturation amount — adds warmth, harmonics and analog vibe to the sound.

DELAY %: Amount of signal sent to the Dub Delay effect.

REVERB %: Amount of signal sent to the Reverb (Spring or Digital).

CHNL: Output channel routing — select which stereo output pair this channel goes to.

SOLO: Click S to solo this channel. Other channels show M (muted). Click again to disable.

7. Sound Selection

Click the dropdown menus on the right side to choose your preferred sounds:

SNARE: Choose between: Tama Low, Tama High, Tama Damp, Pearl

X STICK: Choose between: Tama Low, Tama High, Tama Damp, Pearl (follows Snare selection by default)

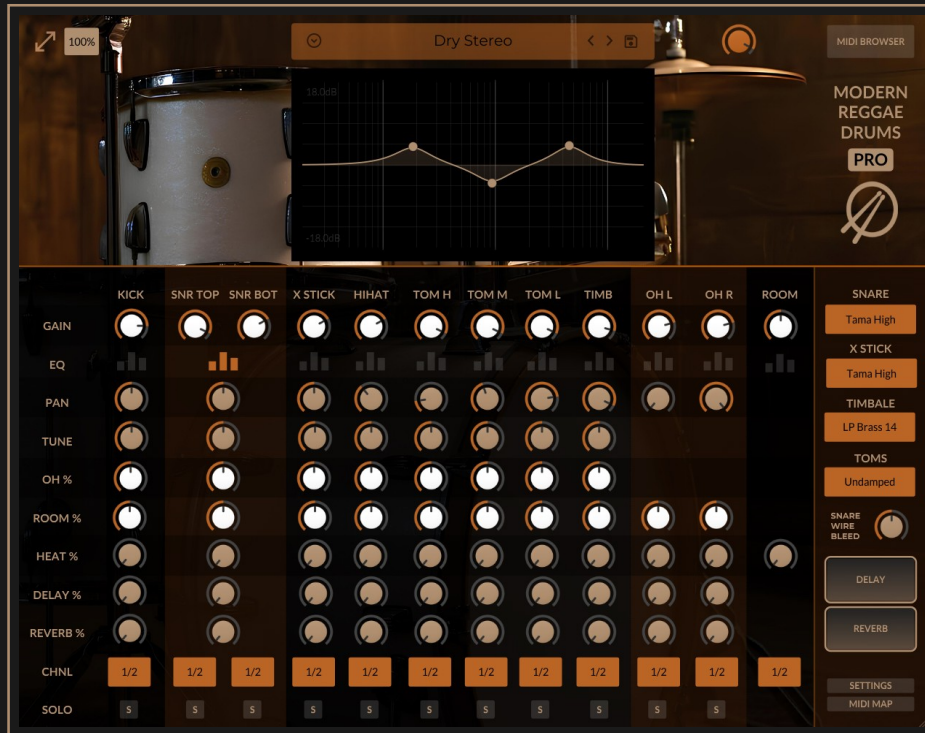
TIMBALE: Choose between: LP Tito Puente 14", LP Tito Puente 13" or LP Chrome timbale

TOMS: Choose between: Damped, Undamped

Snare Wire Bleed

The Snare Wire Bleed knob controls the amount of snare wire resonance that bleeds into the mix when the kick, toms and timbale are hit. This simulates the natural sympathetic resonance of the snare wires and adds realism to your drum sound. Turn it up for a more vintage, natural sound.

8. EQ



Parametric EQ – opened by clicking the EQ bars on any channel

Each channel has its own fully parametric EQ. Click the EQ bars in the mixer to open it. Only one EQ can be open at a time.

How to use the EQ:

1. Click the EQ bars of the channel you want to EQ
2. The EQ display opens in the upper area of the interface
3. Click anywhere in the EQ display to add a new filter point
4. Drag the filter point up/down to adjust gain, left/right to adjust frequency
5. Right-click on a filter point to change the filter type (Low Pass, High Pass, Peak, etc.)
6. Double-click on a filter point to reset it to its default position
7. Click the EQ button again to close the EQ

Note: EQ settings are saved with presets.

9. Delay



Delay Module Panel

The built-in Delay adds the classic reggae/dub echo effect. Click the DELAY button on the right side to open the delay settings.

Time Sync Left: Delay time for the left channel in musical note values (1/8, 1/4, 1/2, etc.)

Time Sync Right: Delay time for the right channel

Feedback %: How many repetitions the delay has – higher = more repeats

Gain: Overall volume of the delay effect

CHNL: Output channel routing for the delay signal

To add delay to a channel, turn up its DELAY % knob in the mixer. The delay syncs to your DAW tempo.

10. Reverb



Reverb Module Panel

Two reverb types are included. Click REVERB to open the settings.

Reverb Types:

Spring Reverb: Classic spring reverb – the authentic reggae sound. Warm, metallic character.

Digital Reverb: Clean digital reverb for modern or subtle room sounds.

Controls:

Reverb Type: Select Spring Reverb or Digital Reverb

Gain: Overall reverb volume / wet level

CHNL: Output channel routing for the reverb signal

To add reverb to a channel, turn up its REVERB % knob in the mixer.

11. Presets



Preset Browser

Modern Reggae Drums Pro comes with factory presets and allows you to save your own user presets.

Navigating Presets:

- Click the dropdown arrow in the top bar to open the preset browser
- Use the left/right arrows to navigate between presets

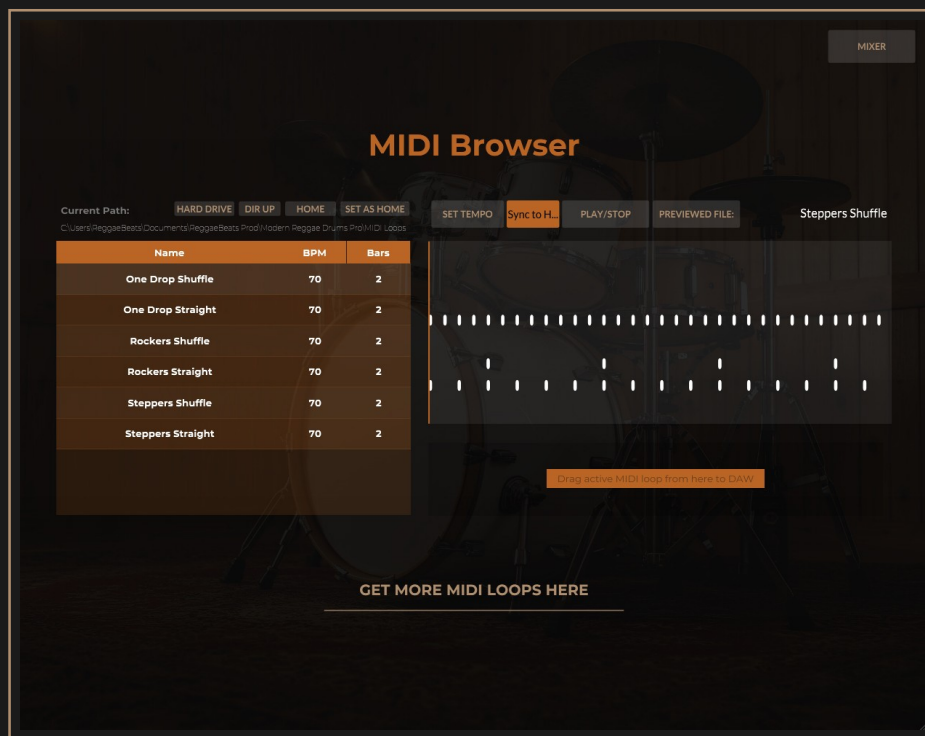
Saving Presets:

- Click the Save button (floppy disk icon) to save the current settings
- A confirmation dialog will appear – confirm to overwrite the current preset
- To save as a new preset, use the Add function in the preset browser

Factory Presets include:

- Dry Stereo – clean stereo mix, no effects
- Modern One Drop – modern one drop feel
- Modern Punch – punchy, fat modern sound
- Vintage – warm, dub-influenced vintage tone
- Rubadub – classic Rub-a-Dub style with spring reverb

12. MIDI Browser



MIDI Browser – browse and preview MIDI loops

The MIDI Browser lets you browse, preview and use MIDI drum loops directly within the plugin. Click the MIDI BROWSER button in the top right corner to open it.

Features:

- Browse your file system for MIDI files
- Preview loops by clicking on them – they play automatically
- Loops sync to your DAW tempo
- BPM and bar count are displayed for each loop
- Drag MIDI loops directly from the plugin to your DAW timeline
- Set a custom home folder with the SET AS HOME button to change the default MIDI loops folder
- Navigate folders with HARD DRIVE, DIR UP and HOME buttons

Demo MIDI Loops:

Demo MIDI loops are included and found in your Documents folder under ReggaeBeats Prod / Modern Reggae Drums Pro / MIDI Loops. The MIDI Browser opens this folder by default.

Tip: Click 'GET MORE MIDI LOOPS HERE' at the bottom of the MIDI Browser for additional loops at reggaebeats.net

13. Settings



Settings Page – Audio and MIDI settings

The Settings page is available in both Standalone and Plugin mode. When using the plugin version, some settings such as Driver and Audio Device may not be available as these are controlled by the DAW. Click the **SETTINGS** button to access it.

Audio Settings:

Driver: Select your audio driver – Standalone only

Audio Device: Select your audio interface – Standalone only

Output: Select output channels – Standalone only

Buffer Size: Lower = less latency but more CPU. 256-512 samples recommended.

Sample Rate: 44100 or 48000 Hz recommended

UI Zoom Factor: Resize the plugin interface

Max Voices: Maximum number of simultaneous voices

Change sample folder location: Move the sample library to a different location

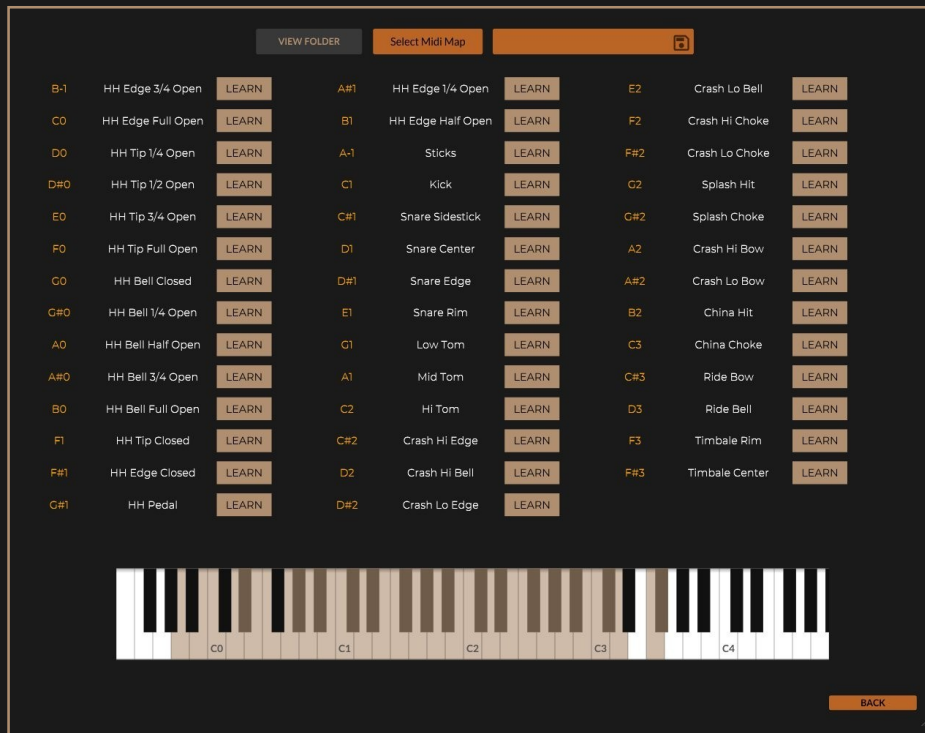
MIDI Settings:

Select your MIDI input device and channel. Set to ALL CHANNELS to receive MIDI from any channel.

Velocity Response:

The velocity curve knob adjusts the velocity response of the entire plugin. Drag the curve to customize how hard or soft your playing feels.

14. MIDI Map



MIDI Map – customize MIDI note assignments

The MIDI Map page allows you to customize the MIDI note assignment for every drum articulation. Especially useful for E-Drum users whose module sends different MIDI notes.

How to remap a note:

1. Click the MIDI MAP button to open the MIDI Map page
2. Find the articulation you want to remap
3. Click the LEARN button – it turns orange and shows PLAY
4. Play the desired note on your keyboard, the visual keyboard below or E-Drum pad
5. The note is automatically assigned
6. The keyboard at the bottom shows all mapped notes in gold

Saving MIDI Maps:

- Click VIEW FOLDER to open the MIDI Maps folder
- Use SELECT MIDI MAP to load a saved mapping
- Save your mapping using the save button – stored as .json files

Default MIDI Note Map

Note	Articulation	Note	Articulation	Note	Articulation
B-1	HH Edge 3/4 Open	A#1	HH Edge 1/4 Open	C#2	Crash Hi Edge
C0	HH Edge Full Open	B1	HH Edge Half Open	D2	Crash Hi Bell
D0	HH Tip 1/4 Open	A-1	Sticks	D#2	Crash Lo Edge
D#0	HH Tip 1/2 Open	C1	Kick	E2	Crash Lo Bell
E0	HH Tip 3/4 Open	C#1	Snare Sidestick	F2	Crash Hi Choke
F0	HH Tip Full Open	D1	Snare Center	F#2	Crash Lo Choke
G0	HH Bell Closed	D#1	Snare Edge	G2	Splash Hit
G#0	HH Bell 1/4 Open	E1	Snare Rim	G#2	Splash Choke
A0	HH Bell Half Open	G1	Low Tom	A2	Crash Hi Bow
A#0	HH Bell 3/4 Open	A1	Mid Tom	A#2	Crash Lo Bow
B0	HH Bell Full Open	C2	Hi Tom	B2	China Hit
F1	HH Tip Closed	F3	Timbale Rim	C3	China Choke
F#1	HH Edge Closed	F#3	Timbale Center	C#3	Ride Bow
G#1	HH Pedal			D3	Ride Bell

15. Multi-Output Routing

Modern Reggae Drums Pro supports up to 14 stereo output pairs, allowing you to route each drum channel to a separate track in your DAW for individual processing and mixing.

Setting up Multi-Output in your DAW:

Ableton Live: In the instrument rack, set Audio From to the desired output pair

Cubase / Nuendo: In the VST Instrument rack, click Activate Outputs and enable the outputs you need

Logic Pro: In the instrument channel, click Multi-Output and add aux channels

FL Studio: In the mixer, assign the plugin outputs to separate mixer tracks

Studio One: Add as a multi-output instrument and activate outputs in the settings

Reaper: Plugin outputs appear automatically – route in the FX chain output routing

Use the CHNL dropdown in the mixer for each channel to assign it to a specific output pair. Output 1/2 is the main stereo output.

16. UI Resize

The plugin interface can be resized to fit different screen sizes.

Scale Factor dropdown: Click the percentage display in the top left (e.g. 100%) to open a dropdown. Select from 50%, 75%, 100%, 125%, 150% or 200%.

Drag corner: Drag the bottom right corner of the plugin window to freely resize it.

17. DAW Compatibility

Windows (VST3):

- Ableton Live 10+
- Cubase 10+
- FL Studio 20+
- Studio One 4+
- Reaper 6+
- Nuendo 10+
- Bitwig Studio 3+
- Cakewalk
- Reason 11+

Mac (AU + VST3):

- Logic Pro X 10.5+ (AU)
- GarageBand (AU)
- MainStage (AU)
- Ableton Live 10+ (VST3 + AU)
- Cubase 10+ (VST3 + AU)
- FL Studio 20+ (VST3)
- Studio One 4+ (VST3 + AU)
- Reaper 6+ (VST3 + AU)
- Nuendo 10+ (VST3 + AU)
- Bitwig Studio 3+ (VST3)

Pro Tools (AAX):

Modern Reggae Drums Pro does not include a native AAX version for Pro Tools. Pro Tools users can use the plugin via a VST3 wrapper such as Blue Cat's PatchWork.

Standalone Mode:

The plugin can also be used as a standalone application without any DAW. In standalone mode, you have full access to Audio and MIDI settings.

18. Support

If you encounter any issues or have questions about Modern Reggae Drums Pro, please contact me:

Website: www.reggaebeats.net

Email: info@reggaebeats.net



Thank you for choosing Modern Reggae Drums Pro. I hope you enjoy creating and playing reggae music with my drum software and please also check out my YouTube channel for more tutorials, sound kits and sample packs!

youtube.com/@reggaebeatsprod

One Love,

Dominik from ReggaeBeats Prod

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