



USER MANUAL – V1.0

Drums de Lion.

Drum Sample Library · Gare de Lion, Wil (CH)

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Drum Sample Library — recorded at Gare de Lion, Wil (Switzerland), before the 2026 renovation.

Introduction

Drums de Lion is a multi-microphone drum sample library.

Recorded at the legendary Gare de Lion club in Wil, Switzerland — a concert venue with unique acoustics that will be renovated in 2026. This sound exists nowhere else.

All samples are completely raw and unprocessed. No EQ, no compressor, no limiting — straight from the microphone. You get the real room, not an interpretation of it.

What's included:

- 2 complete drum kits
- 5 snare drums
- 2 hi-hat sets, 2 rides, 2 crash pairs, 2 FX cymbals
- Stick clicks for count-ins and cues
- 10 microphone positions per element (up to 20 channels)
- 8 velocity layers × 5 round robins
- 17 stereo outputs for individual DAW routing
- 6-band parametric EQ, compressor and gate per channel
- Factory presets and custom preset management
- 4 MIDI mappings (DDL Custom, GM, GGD Modern Massive 2, EZdrummer)
- In-plugin sample download with delta updates

Installation

macOS

1. Open the `.pkg` installer package
2. Follow the wizard — Standalone, VST3 and AU will be installed
3. Launch Drums de Lion
4. Enter your license key
5. Choose a folder for the samples (~5 GB)
6. The download starts automatically
7. **Important:** After the first download, quit Drums de Lion completely and restart

Windows

1. Copy `drums-de-lion.exe` to a folder of your choice (e.g. `C:\Program Files\Drums de Lion\`)
2. Copy `drums-de-lion.vst3` to `C:\Program Files\Common Files\VST3\`
3. Launch the Standalone or scan the VST3 folder in your DAW
4. Enter your license key
5. Choose a folder for the samples (~5 GB)
6. The download starts automatically

7. **Important:** After the first download, quit Drums de Lion completely and restart

Linux

1. Copy the Standalone binary to `/usr/local/bin/` or a folder of your choice
2. Copy `drums-de-lion.vst3` to `~/vst3/`
3. Launch the Standalone or scan the VST3 folder in your DAW
4. Enter your license key
5. Choose a folder for the samples (~5 GB)
6. The download starts automatically
7. **Important:** After the first download, quit Drums de Lion completely and restart

Updating from an earlier version

1. Install the new version as described above
2. **Important:** Quit Drums de Lion completely and restart so the new version is loaded
3. Your samples, presets and settings are preserved

Licensing

On first launch you will be asked for a license key.

- Enter the key you received by email
- The key can be activated on up to 3 computers
- Activation requires an internet connection
- After activation the plugin works offline

Quick Start

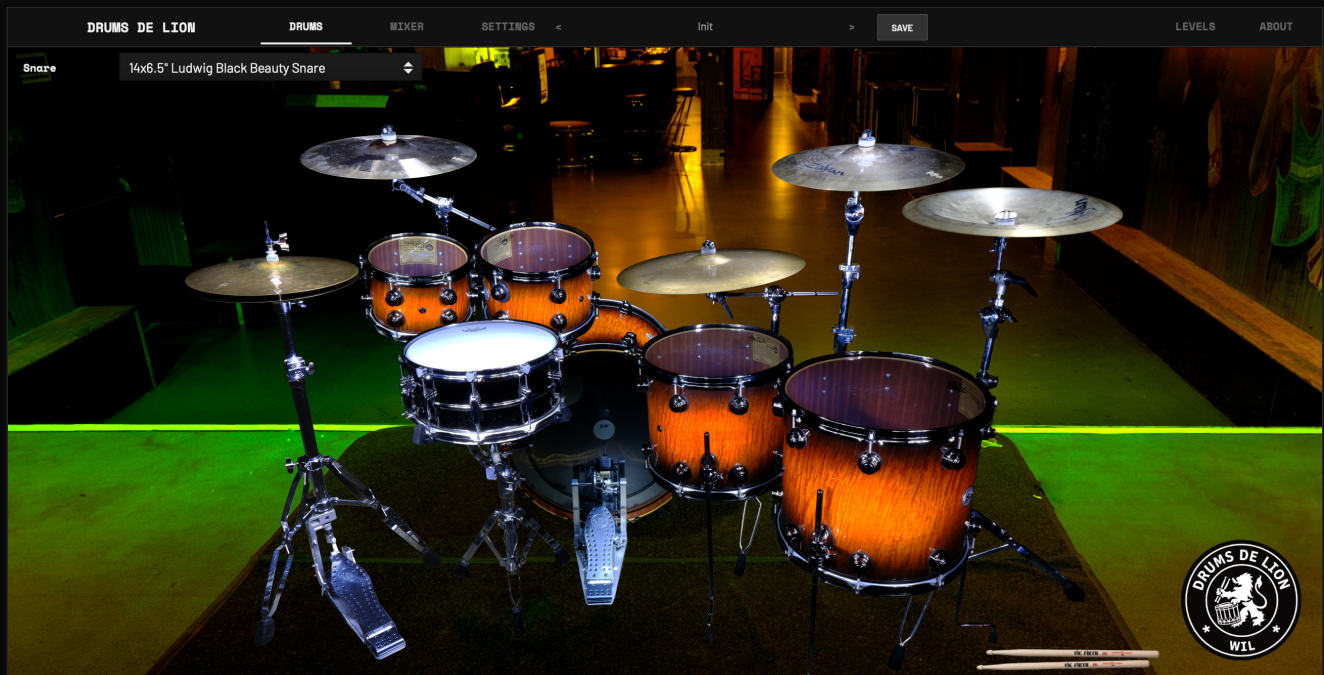
1. Load Drums de Lion in your DAW or launch the Standalone
2. Play MIDI notes – the default kit is ready to play immediately
3. Switch kits and snares via the dropdown on the Drums Page
4. Open the Mixer tab for microphone balance
5. Load presets via the preset bar at the top

Interface

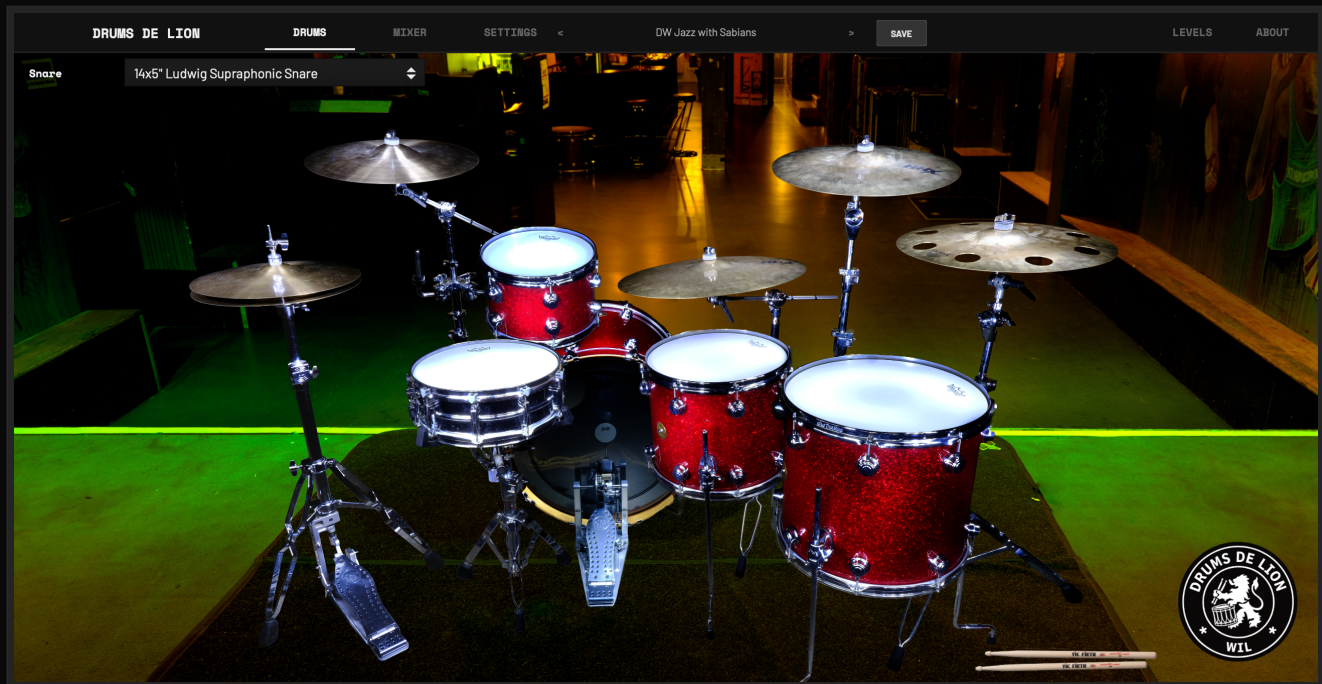
The interface has three main areas, accessible via the tab bar:

Tab	Description
Drums	Visual drum kit with interactive elements and kit selection
Mixer	17-channel mixing console with microphone control
Settings	Audio/MIDI settings, MIDI map, license, updates

Preset bar: At the top – click the preset name to open the browser.



DW Collector's Maple/Mahogany



DW Collector's Jazz Series

Drums Page

The Drums Page shows your current kit.

- **Visual feedback:** Elements flash on MIDI trigger or mouse click
- **Kit dropdown:** Center – switches all instruments at once
- **12 drum elements:** Kick, Snare, Tom 10", Tom 12", Tom 14", Tom 16", Hi-Hat, Ride, Crash L, Crash R, FX, Stick Clicks

Snare Drums

Snare	Size
Ludwig Black Beauty (Snares On)	14×6.5"
Ludwig Black Beauty (Snares Off)	14×6.5"
Keplinger Black Iron	14×6"
Ludwig Supraphonic	14×5"
DW Maple/Mahogany Edge	14×6.5"

Cymbals

Hi-Hats

Hi-Hat	Size
Zildjian K Custom Session	14"
Sabian Legacy	14"

Rides

Ride	Size
Zildjian K Custom	20"
Sabian HHX Raw Bell	21"

Crashes

Crash	Size
Zildjian K Custom Hybrid	18"
Sabian Legacy	18"
Zildjian A Custom Projection	18"
Sabian HHX X-Treme	18"

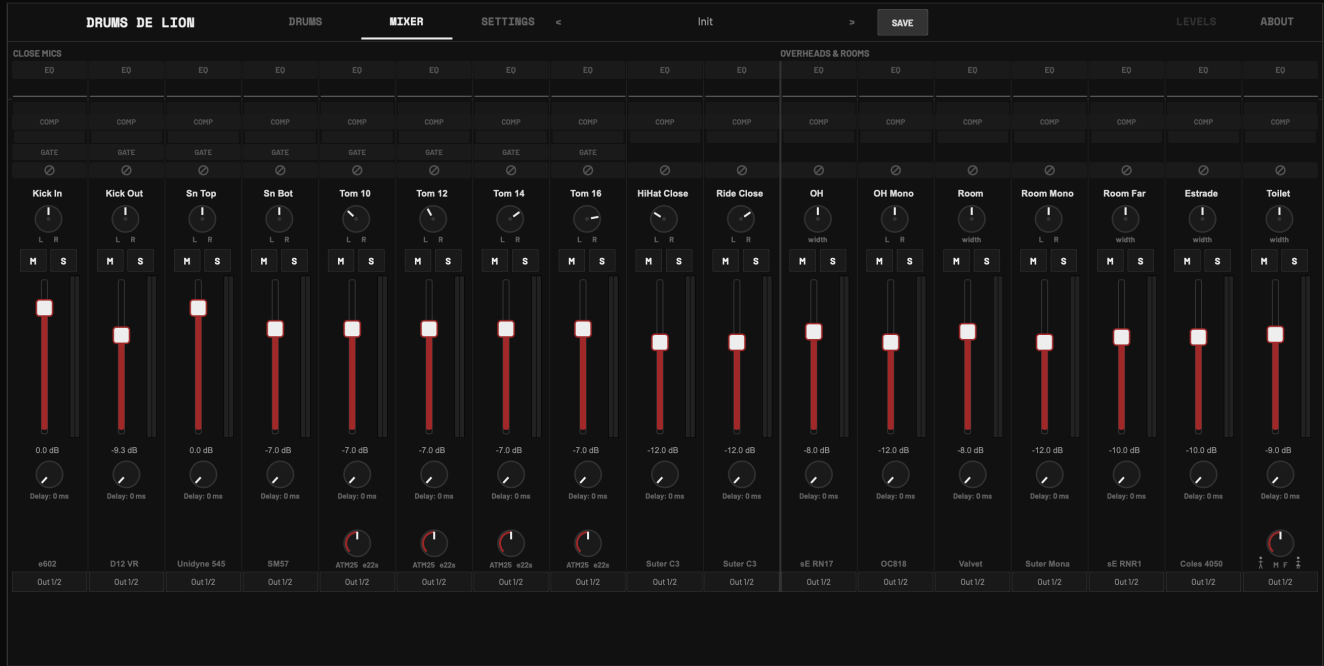
FX Cymbals

FX	Size
Zildjian China High	16"
Sabian O-Zone Crash	18"

Stick Clicks

Stick Click	Size
Vic Firth	5B

Mixer



Mixer-Tab: Close Mics (links) und Overheads & Rooms (rechts).

The Mixer provides 17 channel strips — one for each microphone position or close-mic element.

Close-Mic Strips (1-10)

#	Channel	Microphone	Preamp
1	Kick In	Sennheiser e602	API 3124+
2	Kick Out	AKG D12 VR	API 3124+
3	Snare Top	Shure Unidyne III	API 3124+
4	Snare Bottom	Shure SM57	API 3124+
5	Tom 10"	ATM25 / Josephson e22S (Blend)	API 3124+
6	Tom 12"	ATM25 / Josephson e22S (Blend)	API 3124+
7	Tom 14"	ATM25 / Josephson e22S (Blend)	API 3124+
8	Tom 16"	ATM25 / Josephson e22S (Blend)	API 3124+
9	HiHat Close	Suter C3	RME OctaMic XTC
10	Ride Close	Suter C3	RME OctaMic XTC

Shared Bus Strips (11-17)

#	Channel	Microphone	Preamp
11	OH Stereo	sE RNR17	API 3124+
12	OH Mono	Austrian Audio OC818	RME OctaMic XTC
13	Room Close	Brauner Valvet	RME OctaMic XTC

#	Channel	Microphone	Preamp
14	Room Close Mono	Suter Mona	RME OctaMic XTC
15	Room Far	sE RNR1	RME OctaMic XTC
16	Estrade	Coles 4050 (Blümlein)	RME OctaMic XTC
17	Gender Blender	Rode NT5 (M+F Blend)	RME UFX+

Channel Strip Controls

Control	Description
Fader	Volume
M (Mute)	Mute the channel
S (Solo)	Listen to this channel only
EQ	Opens the 6-band parametric equalizer
COMP	Opens the compressor
GATE	Opens the noise gate (Close-Mic Strips 1-8 only)
Polarity	Inverts the phase
Delay	Delay in 1/10ms steps
Blend	Microphone crossfade (Tom and Gender Blender strips only)
Output	Routing to stereo output pair (Out 1/2 to Out 33/34)

Tom Blend: Continuous crossfade between Audio-Technica ATM25 and Josephson e22S.

Gender Blender: Crossfade between men's and women's restrooms – two different rooms, two different acoustics.

Channel Editor



Channel Editor – Kanal «Sn Top». EQ, Kompressor, Gate, Levels.

Click EQ, COMP or GATE in the Mixer to open the Channel Editor.

Shift-click EQ, COMP or GATE to bypass the respective tool.

Equalizer (6-Band Parametric EQ)

Band	Type	Range
1	High Pass	20 Hz – 1 kHz, 12 dB/Oct
2	Parametric Bell	20 Hz – 20 kHz, ± 18 dB, Q 0.1–10
3	Parametric Bell	20 Hz – 20 kHz, ± 18 dB, Q 0.1–10
4	Parametric Bell	20 Hz – 20 kHz, ± 18 dB, Q 0.1–10
5	Parametric Bell	20 Hz – 20 kHz, ± 18 dB, Q 0.1–10
6	High Shelf	1 kHz – 20 kHz, ± 18 dB

Controls:

- Click a band number (2-5) to select it
- Drag in the spectrum: horizontal = frequency, vertical = gain
- Shift+Drag = Q adjustment
- Double-click = reset band
- **Bypass:** Shift+click the EQ button in the Mixer

Compressor

Parameter	Range	Description
Threshold	-60 to 0 dB	Onset threshold
Ratio	1:1 to 20:1	Compression ratio
Attack	0.1 to 100 ms	Attack time
Release	5 to 500 ms	Release time
Makeup	0 to 24 dB	Output gain
Auto MU	On/Off	Automatic makeup gain

The GR meter shows gain reduction in real time.

Bypass: Shift+click the COMP button in the Mixer.

Gate (Close-Mic Strips 1-8 only)

Parameter	Range	Description
Threshold	-80 to 0 dB	Open threshold
Release	5 to 500 ms	Close time after signal ends

Levels

The screenshot shows the 'Levels' panel for a 'Snare' drum element. At the top, there is a 'Snare' label and a close button 'X'. Below this is a 'PREVIEW' button and a 'Tune' knob set to '0 st'. The main area contains ten rows of controls, each for a different microphone channel: 'Sn Top', 'Sn Bot', 'OH', 'OH Mono', 'Room', 'Room Mono', 'Room Far', 'Estrade', and 'Toilet'. Each row features a volume knob and three monitoring buttons labeled 'M', 'S', and 'P'. The 'Sn Bot' channel is currently selected and highlighted.

Levels-Panel – Per-Element Mic-Balance.

When a Close-Mic Strip is selected in the Channel Editor, the Levels panel appears on the right. Here you control all microphone channels individually for the associated drum element.

Per channel:

- Volume control for direct mics and bleed into all OH/rooms
- **M** (Mute) / **S** (Solo) / **P** (Preview) – isolated monitoring of the channel

Presets

Loading

Click the preset name in the top bar. The browse panel opens. Type in the search field to filter. Click a preset name to load it.

Saving

Click "Save As" and enter a name. Custom presets are saved in the user presets folder and are preserved across updates.

Factory Presets

Installed automatically with the first sample download.

- **Init** – Neutral starting point
- DW Maple/Mahogany with Zildjians
- DW Jazz with Sabians

MIDI Mapping

Available Mappings

Switch under Settings MIDI Map.

Mapping	Description
DDL Custom	Optimized for Drums de Lion
General MIDI (GM)	Standard drum map
GGD Modern Massive 2	Compatible with GetGood Drums
EZdrummer	Compatible with Toontrack EZdrummer

DDL Custom – Complete MIDI Note Map

Kick & Snare

Element	Articulation	MIDI Note	Vel.	RR
Kick	Center	36 (C1)	8	5
Snare	Head	38 (D1)	8	5
Snare	Rimshot	40 (E1)	8	5
Snare	Rimclick	37 (C#1)	8	5
Snare	Rim-Only	91 (G5)	8	5

Toms

Element	Articulation	MIDI Note	Vel.	RR
Tom 10"	Center	50 (D2)	8	5
Tom 12"	Center	48 (C2)	8	5
Tom 14"	Center	47 (B1)	8	5
Tom 16"	Center	45 (A1)	8	5

Hi-Hat

Articulation	MIDI Note (Tip)	MIDI Note (Shank)	Vel.	RR
Closed	42 (F#1)	22 (A#-1)	8	5
Quarter Open	26 (D0)	23 (B-1)	8	5
Half Open	44 (G#1)	24 (C0)	8	5
Full Open	46 (A#1)	25 (C#0)	8	5
Foot Chick	20 (G#-1)	—	3	5
Foot Splash	21 (A-1)	—	3	5

Ride

Element	Articulation	MIDI Note	Vel.	RR
Ride	Bow	51 (D#2)	8	5
Ride	Edge	59 (B2)	8	5
Ride	Bell	53 (F2)	8	5

Crashes & FX

Element	Articulation	MIDI Note	Vel.	RR
Crash L	Edge (Hit)	49 (C#2)	8	5
Crash L	Mute (Choke)	57 (A2)	8	5
Crash R	Edge (Hit)	52 (E2)	8	5
Crash R	Mute (Choke)	58 (A#2)	8	5
FX (China/OZone)	Edge	55 (G2)	8	5

Stick Clicks

Element	Articulation	MIDI Note	Vel.	RR
Stick Click	Click	33 (A0)	1	8

Settings

Audio/MIDI (Standalone only)

- Select audio device and driver
- Buffer size
- Select MIDI input

MIDI Map

Switch between DDL Custom, General MIDI, GGD Modern Massive 2 and EZdrummer.

License

Enter or view license key.

Check Updates

Checks for sample updates and downloads only changed files (MD5 hash comparison). Shows "Up to date" when everything is current.

	Minimum	Recommended
macOS	10.13+	12+ (Apple Silicon native)
Windows	10 (64-bit)	11
Linux	Ubuntu 20.04+ (x86_64)	22.04+
RAM	8 GB	16 GB
Storage	5 GB free on SSD	NVMe SSD
CPU	Modern multi-core	Apple Silicon / Intel i7+

Plugin formats: VST3, AU (macOS), Standalone

Outputs: Up to 17 stereo (34 channels)

Troubleshooting

Problem	Solution
No sound	Check MIDI routing in your DAW. Check MIDI mapping (Settings). Check Mute buttons in the Mixer.
Clicks/pops	Increase buffer size. Use an SSD for samples.
Plugin not found	Rescan in your DAW. Plugin in the correct format (VST3/AU)?
Samples not found	Sample folder still present? Settings Check Updates.
Hi-hat not responding to CC4	Check MIDI controller – some e-drum modules send different CC numbers.
Download interrupted	Check internet connection. Restart via Settings Check Updates.

Credits

Recorded at Gare de Lion, Wil, Switzerland

Produced by Frank Acklin – Störsender Studio, Switzerland

Drums played by Frank Acklin

Muscles, emotional support and food during the session Marko Rajcic

Software: Built with HISE by Christoph Hart

Special thanks: Gare de Lion and everyone who made this space what it is. This is our love letter to a legendary place.

Drums de Lion v1.0

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Gare de Lion, Wil



Drum Sample Library

drums-de-lion.com