

響
音

USER GUIDE

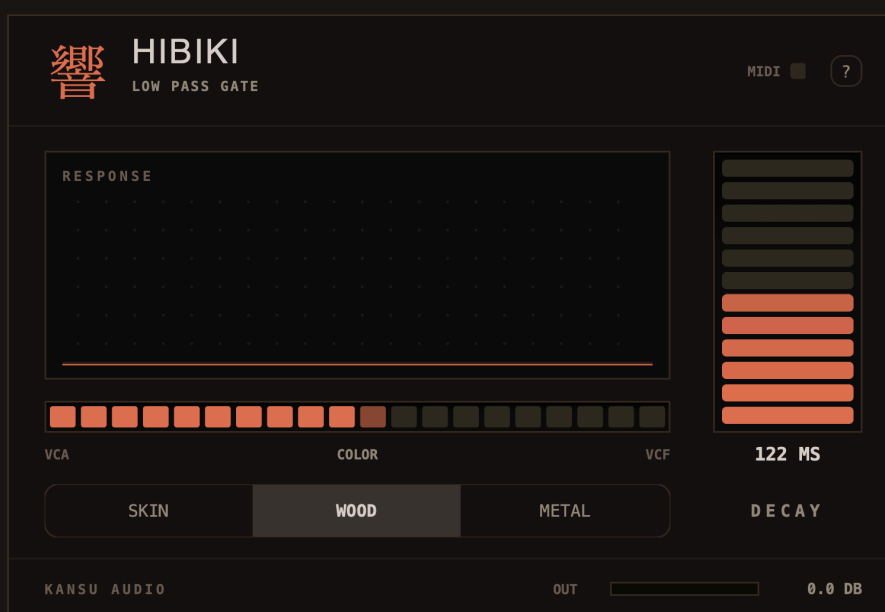
HIBIKI

Low Pass Gate

The gate

A low pass gate is the West Coast answer to the envelope. Instead of a knob opening a filter, a note strikes a cell, and the cell falls back on its own. Volume and brightness go down together, the way a struck object dies away - so what comes out sounds played rather than faded. Pads turn into plucks. Noise turns into percussion. A loop turns into a part.

Audio comes in on the track, notes come from your DAW, velocity decides how hard each hit lands.



SKIN

DAMPED

The slowest to open and the quickest to go. A dull, muted thud with the top end gone early. Attack 3 ms. Decay runs at 0.7 of the dial.



WOOD

NEUTRAL

The middle body, and the one to start from. Enough bite to articulate, enough damping to stay out of the way. Attack 0.5 ms. Decay as dialled.



METAL

RINGING

Fastest to open, slowest to leave, and it keeps its highs on the way out. Bell and cymbal territory. Attack 0.3 ms. Decay runs at 1.4 of the dial.

Controls

GATE

DECAY

How long the gate takes to close.
5 ms to 3 s. A dry tick at the bottom, a slow swell at the top. 122 ms at centre.

COLOR

What fades. Left, only the level drops and the tone stays bright. Right, the filter closes and the sound darkens while it rings on. Centre, both at once - the pluck.

MATERIAL

What you are striking. SKIN, WOOD or METAL.

OUTPUT

OUT

Level after the gate, -24 to +12 dB. Drag the meter to set it. Double-click to return to 0.

DISPLAY

RESPONSE

The level curve, drawn live. Not the filter - COLOR can darken a note while this line stays up. Flat means nothing is striking it.

MIDI

Flashes on every note that reaches the plugin. The fastest way to tell a routing problem from a sound problem.

?

Opens the routing steps for the DAW you are actually in.

HINT LINE

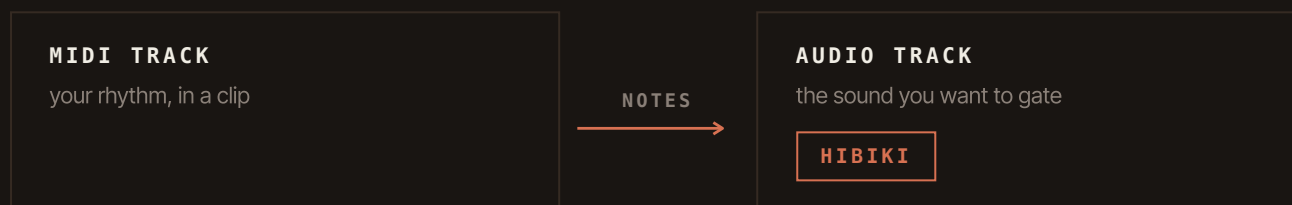
Hover any control and its description appears here, beside the meter.

Setup

THE SHAPE OF IT

Hibiki needs two things on two different tracks: **audio** to gate, and **notes** to gate it with. The plugin goes on the audio track. The notes come from a MIDI track pointed at it.

Silence before the first note is normal. A low pass gate stays shut until something strikes it, exactly like a modular LPG waiting for a trigger. If you hear nothing, look at the MIDI light in the header first.



ABLETON LIVE

- 1 Put Hibiki on the track holding the audio you want to gate.
- 2 Make a MIDI track and write your rhythm into a clip.
- 3 Set that track's **MIDI To** to the audio track, then pick Hibiki in the second menu.
- 4 Press play. The MIDI light flashes on every note.

LOGIC PRO / GARAGEBAND

- 1 Make a Software Instrument track.
- 2 In the instrument slot choose **AU MIDI-controlled Effects > Kansu Audio > Hibiki**.
- 3 In the plugin header set **Side Chain** to the track holding your audio, then mute that track.
- 4 Play notes on the instrument track. The MIDI light flashes on every note.

REAPER

- 1 Put Hibiki on the track holding the audio you want to gate.
- 2 Make a MIDI track with your rhythm.
- 3 From the MIDI track, **Route > Add send** to Hibiki's track, MIDI set to all.
- 4 Press play. The MIDI light flashes on every note.

BITWIG STUDIO

- 1 Put Hibiki on the track holding the audio you want to gate.
- 2 Make a note track with your rhythm.
- 3 Set the note track's output to Hibiki on the audio track.
- 4 Press play. The MIDI light flashes on every note.

FL STUDIO

- 1 Load Hibiki on the mixer track holding the audio you want to gate.
- 2 In the plugin wrapper settings, set a MIDI input port - **1**, for example.
- 3 Add a MIDI Out channel with your pattern and set its port to the same number.
- 4 Press play. The MIDI light flashes on every note.

ANY OTHER DAW

- 1 Put Hibiki on the track holding the audio you want to gate.
- 2 Make a MIDI track with your rhythm.
- 3 Point that track's MIDI output at Hibiki, however your DAW routes MIDI to an effect.
- 4 Press play. The MIDI light flashes on every note.

THE PLUGIN KNOWS YOUR DAW

The **?** button in the header shows these same steps for the host you are running in, detected at load. Faster than finding this page.

If it is quiet

Almost every silent Hibiki is a routing question, not a broken one. Work down this list in order - the MIDI light answers the first one instantly.

CHECKS

MIDI LIGHT

Dark while the transport runs? The notes are not arriving. Go back to the routing steps for your DAW.

AUDIO

Light flashing but still no sound? Nothing is playing into the track. The gate has nothing to let through.

FIRST NOTE

Quiet before playback starts is correct. The gate is shut until a note strikes it.

DECAY

DECAY sets how long the gate stays open. At the very bottom it shuts in 5 ms. Turn it up to hear more of the source.

OUT

OUT is the level after the gate, set by dragging its meter. Check it has not been dragged down; double-click returns it to 0 dB.