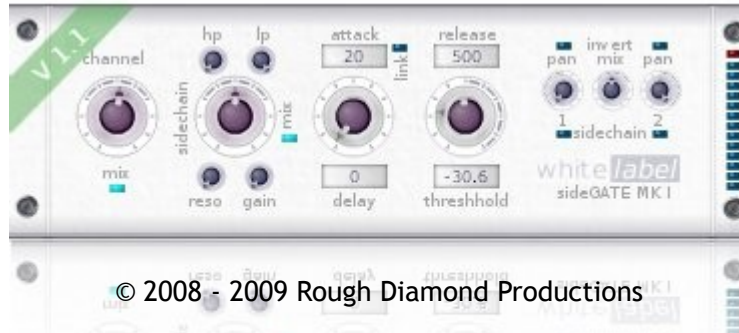


white label

www.roughdiamondproductions.com/whiteLABEL

sideGATE MK I - lookahead flexigate v1.1



sideGATE is a 2 channel, stereo capable, look-ahead noise gate with mixable sidechain / key. Its look ahead function allows for the automatic generation of smooth attack curves preceding material that crosses the threshold, and its adjustable sidechains allow for a variety of flexible gating setups.

To install **sideGATE**, unzip the downloaded zip file to your plugins folder. When you next start your host, **sideGATE** will appear in your list of plugins. To uninstall, delete or move the dll file.



The **fully functional demo** runs for 28 days before registration is required. To register **sideGATE**, click on the red '**REGISTER**' ribbon, and enter your user ID and Licence key. To obtain a licence either click '**Get License Key**' [sic] in the registration dialog, or visit www.roughdiamondproductions.com/whiteLABEL

When you run **sideGATE** for the first time, you will be prompted to enter registration details. Either enter your details and press '**Enter Key**' or skip the details and press '**Try Demo**'. To obtain a licence key, press '**Get License Key**'. Once you've entered your registration details, restart **sideGATE**, and the splash-screen will no longer appear.



In demo-mode, every time you run **sideGATE**, or switch it off and back on, the splash-screen is displayed. Once registered, this screen is no longer displayed. When the demo period expires, you will be left with the splash-screen, but no sound. To register, click on the red '**REGISTER**' ribbon. To check if you are using the most up-to-date version of **sideGATE**, click the splash-screen and once registered, clicking on the green version ribbon will perform the update check.

Controls :

To change a control, click the centre of a knob and drag vertically. The knob will rotate as you drag. Where a knob controls 2 values, clicking and dragging the 'ring' allows access to the second value. If you prefer, you can click in one of the value windows and manually enter a number.

When approaching **sideGATE's** channel and sidechain mix controls, its best to think of it as two independent channels with the controls affecting the right channel in an opposite fashion to the left channel :



Channel mix [left to right] - This control mixes the 'channels' - the audio to be gated. When the knob is fully to the left, the left channel is the vst's input 1 and the right channel is input 2. When fully to the right, the opposite is true, and when in the centre, both left and right channels are summed from inputs 1 and 2.

Mix match [on / off] - When this led is lit [click to change] both left and right channels are mixed the same, and *are not opposite*.



Sidechain mix [left to right] - This mixes the sidechains. As with the channel mix, the left and right channels are mixed opposite to each other *unless* the **mix match** led is lit.

hp, lp, reso, gain - These are controls for the sidechain filters. This allows you to exclude frequencies from triggering the gate, for example using the high pass filter lets you set **sideGATE** to ignore bass frequencies when determining if the threshold has been crossed.



Attack time (ring) [0 to 1000 ms] - The time it takes for **sideGATE** to fade the signal in once the threshold is passed.

Delay time (knob) [0 to 1000 ms] - The time *in advance of the threshold being crossed* that **sideGATE** starts to bring the channel in.

Link [on / off] - When lit, both attack and delay time are set to the value determined by the knob, which now changes colour, and has only one control - that is to say, when not lit, there are two controls - one for attack time, and one for delay time. When link mode is on, the attack finishes just as the sidechain reaches the threshold : use this for 'just in time' lookahead gating.



Release time (ring) [30 to 2000 ms] - The time it takes for **sideGATE** to fade out the channel

Threshold (knob) [-60 to 0 db] - When the sidechain signal is over this level, **sideGATE** fades the channel in, when under, **sideGATE** fades the channel out.



Output section - this is where both channels are recombined to become the stereo pair to be output to the host. Left and right channels can **pan** from left to right, and **mix** determines how much of each makes it into the output. When either **invert** led is lit (click) the envelope is inverted, and when the **sidechain** leds are lit, instead of hearing the channel, you hear the sidechain - useful for monitoring e.g. Sidechain filter settings. Additionally, the whiteLABEL logo illuminates to indicate when the threshold is crossed.

Automation & Midi Implimentation :

All knobs can be controlled using VST automation parameters -
sideGATE also receives knob positions via midi control change messages :

Control Name :	Controller Number :	Range :
Audio Mix	1	0-127
Chain Mixl	2	0-127
Threshold	3	0-127
Attack	4	0-127
Release	5	0-127
Delay	6	0-127
Audio Link	7	0-127
Chain Link	8	0-127
Chain Listen 1	9	0-127
Chain Listen 2	10	0-127
Chain high pass	11	0-127
Chain low pass	12	0-127
Chain Resonance	13	0-127
Chain Gain	14	0-127
Invert 1	15	0-127
Invert 2	16	0-127
Pan 1	17	0-127
Pan 2	18	0-127
Output Mix	19	0-127
Delay Link	20	0-127

Presets :

sideGATE has 6 usable and 2 blank presets. They will give you an idea of each function of **sideGATE**.

And finally :

If you wish to use a larger value than the knobs allow for - for example a 5000 ms release time, entering the value into the relevant text field will over-ride the limits of the default knob range - this is possible for all knobs with text input fields with the exception of delay time, which has a hard limit of 1000 ms no matter how big a number you enter.

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Credits :

sideGATE was designed & built by [Daz Disley](#) using [SynthEdit](#).

sideGATE makes use of modules by [David Haupt](#) and [Peter Schoffhauzer](#)
sideGATE uses dll compression by [UPX - Ultimate Packer for eXecutables](#)

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