



Anansi Mid/Side Mastering Router v1.0

Designed and produced by Matt Black

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Anansi Mid/Side Mastering Router



Anansi is an audio router that has been designed for use in your Master Inserts chain, in particular for controlling a mid/side processing chain.

There are indicator LEDs next to the Channel name and each of its inputs, which will light when there is an active signal: a red LED indicates the input, green an output, except for the Mid and Side outputs, which are coloured yellow and blue, respectively.

You can of course use *Anansi* wherever you see fit. This guide however assumes the following basic setup seen here.

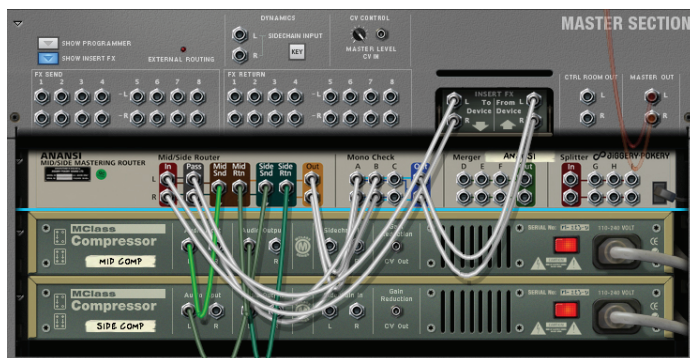
Mid/Side routing

The basic setup shows *Anansi* and two MClass Compressors in the Master Section Insert FX chain as follows: from "Insert FX>To Device" to the *Anansi* L/R In jacks (red) and back to "Master Section>From Device" via its L/R Out jacks (yellow).

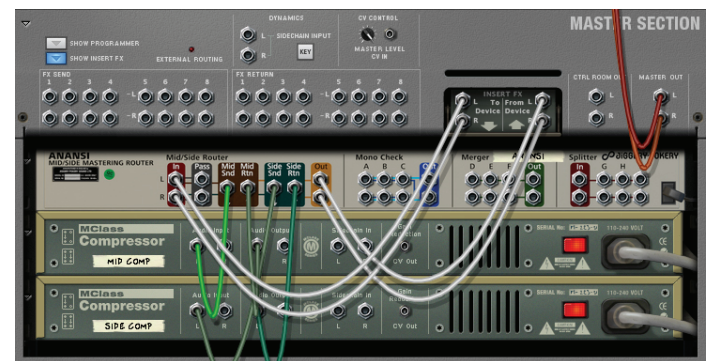
Between the In/Out jacks of *Anansi* are the send and return jacks for the Mid and Side channels. It is very important to note that these are mono connections, so only use the Left channel for the devices you are using for processing. Thus we have the brown jacks where **Mid Send** is connected to the left channel of Mid Comp device, returning to the **Mid Return**, and the green jacks have the **Side Send** connected to the left channel of the Side Comp device, returning to the **Side Return**.

Now you can switch the mid/side chains off and on using switches **m** and **s**, and adjust the **Balance** of the two return signals.

Mono Mix Check



original unprocessed chain in also in mono or stereo to the mid and/or side processed signal/s!



A very useful method of checking your mixes is to listen to it in mono. *Anansi* has a section to allow you to quickly achieve this. Connect the yellow **Mid/Side Out** instead to **Mono Check A In**, and the blue **Mono Check Out** to the Master Insert Return inputs as shown here. Now you can flick the Mono Check **Output** switch to compare mono sum signal (up) and the original stereo (down).

You take this further by connecting the grey **Pass** output to **Mono Check B In**. On the front turn *both* **A** and **B** switches on, and now you can not only compare the mid/side output for mono/stereo, but, using the **Pass** switch, but compare the

Merger/Splitter

A triple-input switchable audio merger, and triple-output switchable splitter have been included. A typical use here might be taking the blue Mono Check out to the splitters' red Input. You can then put **G** out to the Master insert return and send **H** to a high-pass filter or, as here, an MClass Equalizer, then into the Master Compressor side-chain to filter out the low-end from effecting the Master Compressor.

FAQ

"Where is the Fade control from Shelob and Mordred?!"

The Fade control on those devices is relatively expensive to run in terms of CPU use compared to a standard Reason spider. Since *Anansi* has been design expressly for the Master Inserts, and therefore could potentially be a permanent fixture within a users' rack, it was decided (based on feedback from the beta testers) to leave the Fade control from this device in order to keep the CPU processing as low as possible. For specific situations where you need such an autofade, insert a *Mordred* or *Shelob* RE device as required.

"Why is the output sound wierd and sort-of mono when my balance knob set to 's' position with the 'mid' switch off?!"

The **Balance** knob is not a "spread" knob, although at the same time it kind of is. The essence of what's happening is that the original stereo signal is decoded into two mono signals, but it's not simply "Left is Mid" and "Right is Side". *Both* contain parts of the original stereo information. So by having the **Balance** knob fully to the **s** position, you're getting a stereo signal until you turn the **Mid** switch off, which removes part of the stereo information from the re-encoder, and thus you get a mono signal of just the Side part of the audio.

Beware of introducing latency

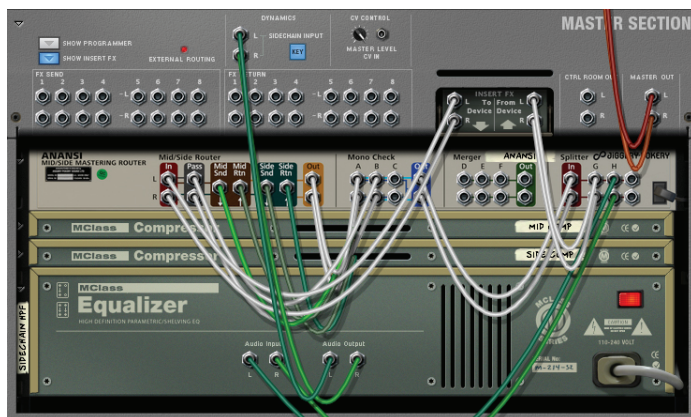
We recommend using the same devices on both the mid and side chains, as shown above in our Basic setup and in many of the demo patches. This is so that mid and side outputs both have to go through the same processes—even where specific parameters, e.g, compression amount, within the two routes may differ—before being re-encoded, otherwise you may introduce unintentional phasing issues.

When aiming for an extreme or widening effect this won't be an issue, but for mastering-type setups this will be very important. *Anansi* is not a mastering device itself, it is an audio router designed to facilitate clearer and more flexible routing within your Master FX chain.

Version history

1.0.0

- Initial release



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Rack Extensions

- **Shelob Audio Bypass Splitter** - 4 x 5 channel stereo audio splitter with independently switchable outputs, mirroring, and autofade control
- **Itsy Audio Bypass Merger** - 4 x 5 channel stereo audio merger with independently switchable outputs and autofade control
- **Anansi Mid/Side Mastering Router** - Mid/side audio router with mono compatibility check, 3-in merger and 3-out splitter
- **Itsy Stereo/Phase Inverter** - L/R channel flip, cv-controllable 180° stereo inverting width adjust, stereo phase inverters and phase correlation metering

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FreeFills

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- **8-BIT Magic: The ZX Spectrum ReFill**
- **Classic Drum Machine Collection v1.1**
- **Eminent 310 Strings** v3** - the classic Jarre string sound, with stereo samples plus the Oxygene II / Equinoxe 4 pizzicato lead
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* Includes samples licensed from HollowSun.com

** demo ReFills for Retrospective