

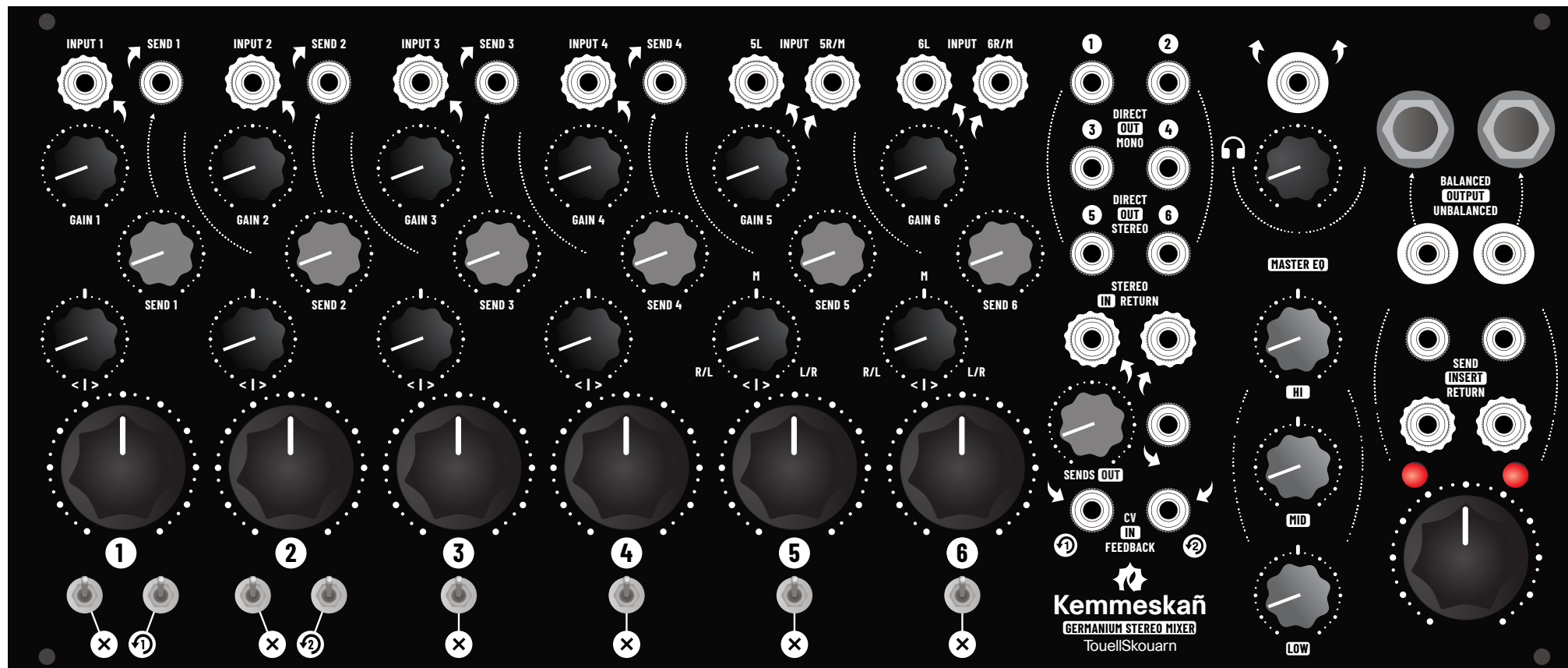
Kemmeskañ

Germanium Stereo Mixer

- 4 mono channels
- 2 Stereo channels
- 1 Send Bus
- 2 Stereo Returns

- 1 phone amp
- 8 buffered outputs
- 3 Band Master EQ, Cut & Boost
- Master Send/Returns

- Balanced outputs (1/4)
- Unbalanced outputs (1/8)
- 2 cv controlled feedbacks
- 60HP / +12v : 120mA / -12v : 160mA



Channels 1 to 4

Mono channels

The first 4 channels are mono channels. They can handle modular levels.

- **Input Jack** : instrument input
 - **Gain Knob** : input level, from zero to overdrive
 - **Send Knob** : send some signal to the Aux Bus, post fader, the signal is routed to the main Sends Out Knob and Jack, the Sends out jack is mono only. If you're routing the sends Out to an outboard effect, you can plug the stereo out of your effect into the Stereo Return Jacks.
 - **Send Jack** : by inserting a jack into this socket you remove the Send Signal of this specific channel from the Aux Bus, and you can route it into an external effect. With this feature you can send signal to 5 different external FX units (Send 1, Send2, Send3, Send 4 and Sends Out).
 - **Pan Knob** : adjust the panoramic of the signal.
 - **Level Knob** : set the level of the channel.
 - **Switch** : mute the channel.
 - **Right switch** (ony channel 1 &2) : activate the feedback, the amount of feedback can be modulated by cv, with the Cv In Feedback inputs.
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- **Buffered outputs** : 1 to 4 are mono buffered outputs (post fader).

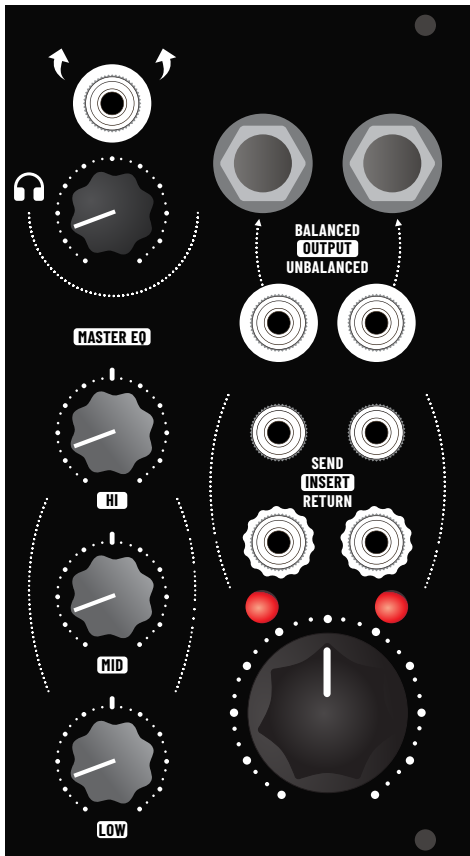
Channels 5 & 6

Stereo channels

Channels 5 & 6 are stereo channels. They are identical to the 1 to 4 channels, except that they don't have an additional Send out.

- **Input Jacks** : instrument input, right jack is for mono input.
 - **Gain Knob** : input level, from zero to overdrive.
 - **Send Knob** : send some signal to the Aux Bus, post fader, the signal is routed to the main Sends Out Knob and Jack. As the Sends Out jack is mono only, the stereo channels are summed before going into the Aux Bus.
 - **Pan Knob** : the pan knobs on the stereo channels are different from the mono channels, **turned hard right** you have your original stereo field but **turned hard left** stereo field is inverted, **in the middle** the right and left channels are summed to mono.
 - **Level Knob** : set the level of the channel.
 - **Switch** : mute the channel.
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- **Buffered outputs** : 5 & 6 are stereo buffered outputs (post fader) on stereo jack sockets.

Stereo Master Channel



- **Headphone Jack** : Stereo Jack for Headphones
- **Headphone Knob** : set the level of the Headphone, the signal of the headphone is taken before the main Master Level Knob, so you can listen to the mixed signal before sending it to the Master outs .

Stereo Master EQ

The stereo 3 band master EQ is similar to the Distresañ EQ Module from Touellskouarn, they're Baxandall shelving filters with Cut & Boost. The middle position does not affect the signal.

- Hi Knob** ($\pm 14\text{dB}$ @ 15kHz)
- Mid Knob** ($\pm 8\text{dB}$ @ 1kHz)
- Low Knob** ($\pm 10\text{dB}$ @ 30Hz)

Master Output

- **Master Level** : set the output level of the mixer.
- **Bi- color Leds** : indicate signal strength, no light : average signal, green light : clean signal, red : distorted signal.
- **Send / Return Jacks** : send the master signal back and forth to an external effect (Stereo Compressor, Stereo EQ, Stereo filter...)
- **Unbalanced out** : main output of the mixer.
- **Balanced out** : main output of the mixer, balanced (TRS Jacks).