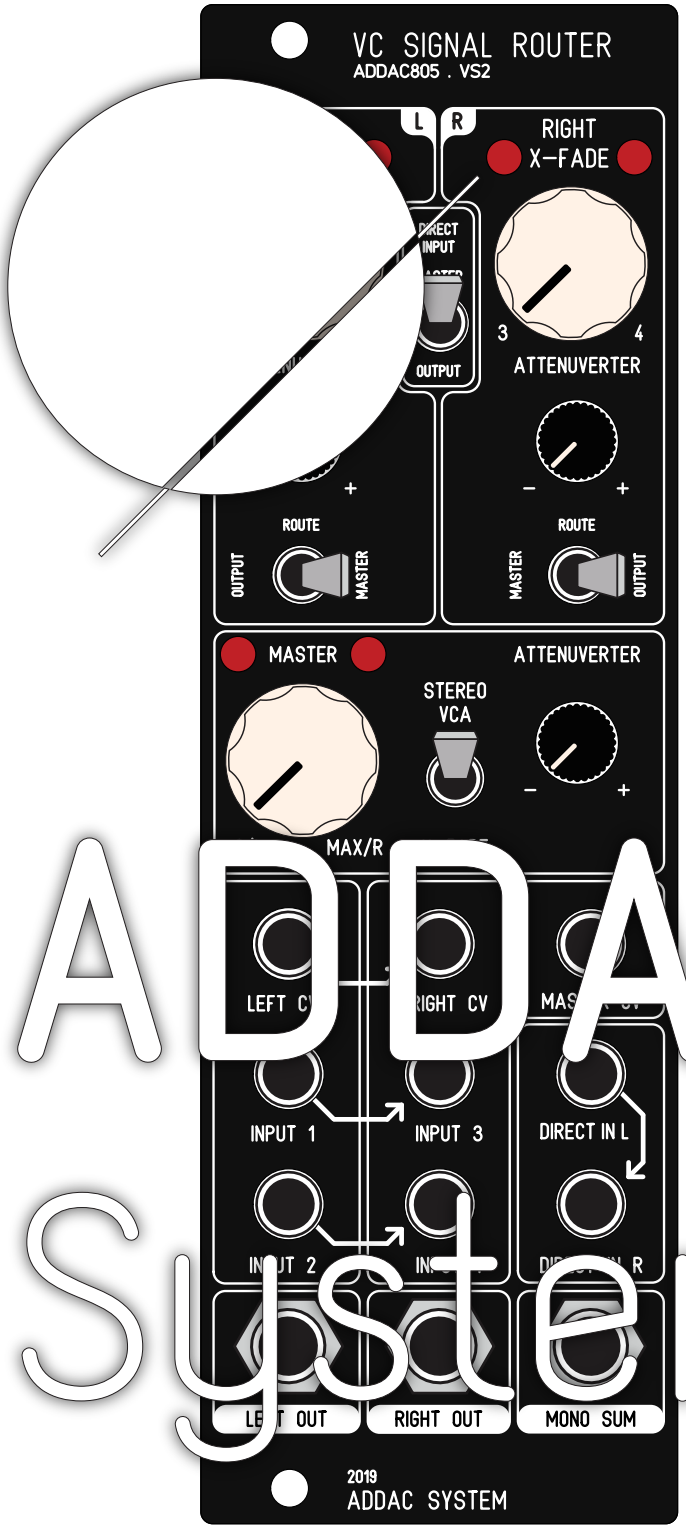


ADDAC System

ADDAC805 VC SIGNAL ROUTER

USER'S GUIDE . REV01

October.2019

Welcome to:
ADDAC805 VC SIGNAL ROUTER USER'S GUIDE

Revision.01 October.2019

OVERALL DESCRIPTION

Inspired by our ADDAC701 VCO waveform mixing section, our new VC Signal Router also updates our legacy X-Fade/Panner to a stereo configuration that also allows 4 quadrant mixing.
Featuring two dedicated X-faders and a stereo VCA that can also be used as a third X-Fader. All controls have their own CV inputs and dedicated Attenuverters for precision control.

4 quadrant mixing is achieved by using the stereo Master as a X-fader between left and right channels, this way you can plug 4 audio sources and sweep/crossfade between each and any of them using the 3 x-faders. Plug any 4 sources (4 waveforms of a VCO, 4 LFOs, 4 envelopes...) and sweep through morph through or have them all mixed together.

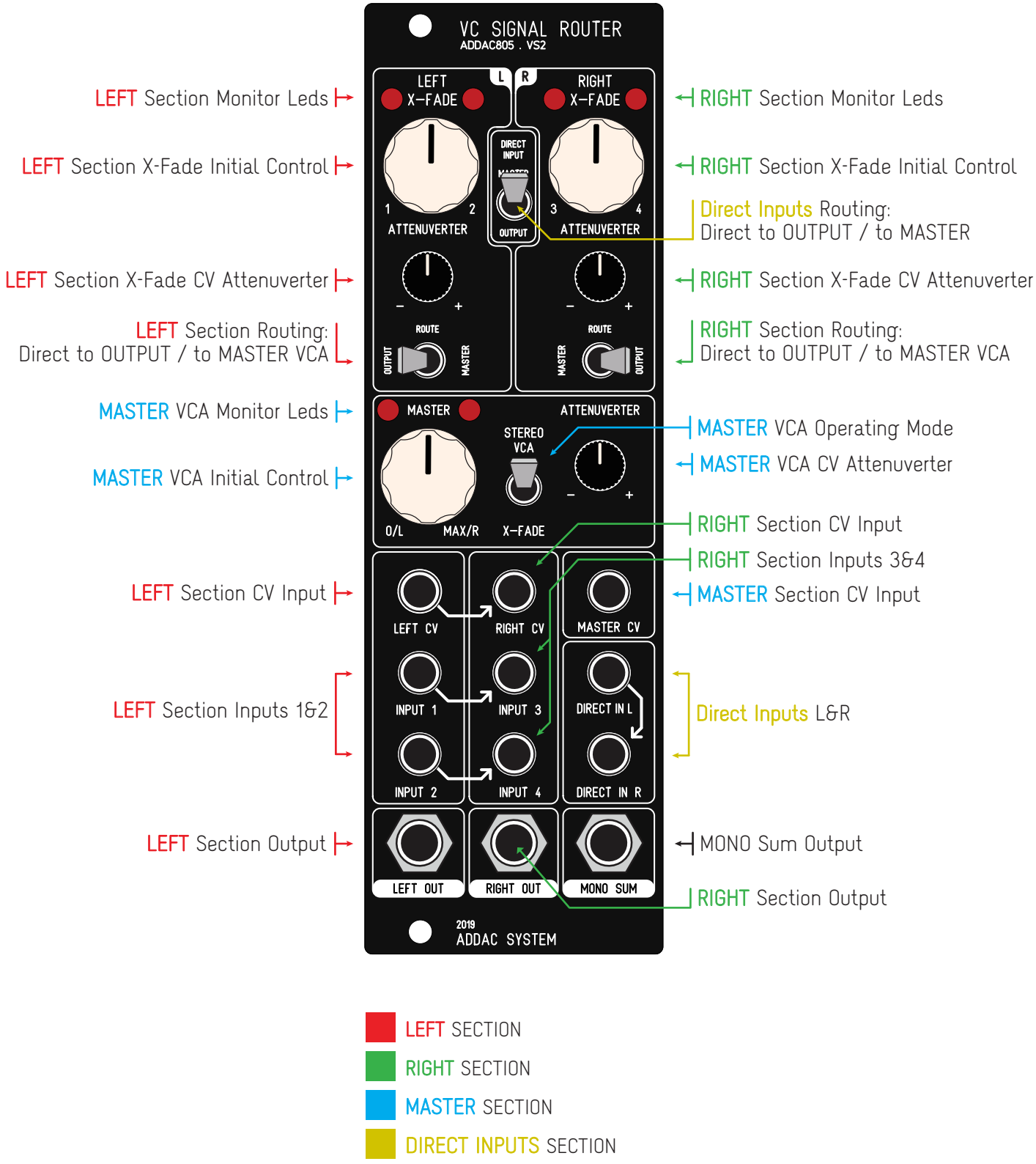
For other configuration types Left and Right X-fader channels can be routed through the Master stereo VCA or sent directly to the outputs. A stereo Direct input can also be routed through the Master VCA or sent straight to the outputs.

The Mono Sum output always mix Left and Right outputs together allowing the possibility to use the module as a peculiar 6 channel mono mixer.

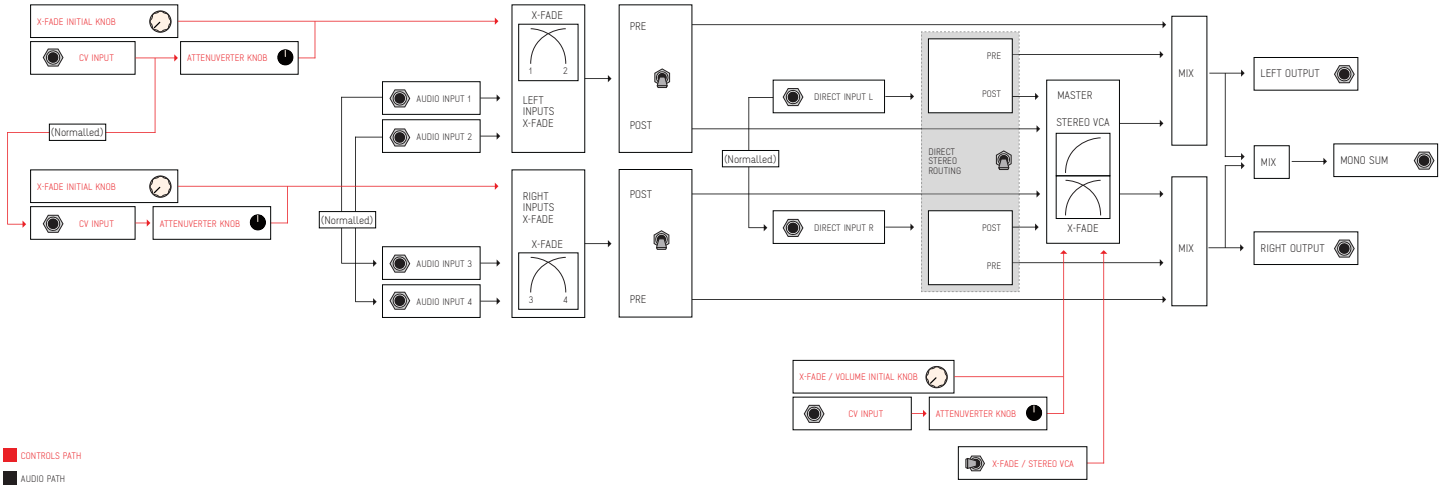
It can be used for both Audio or CV Signals.

Features;
6 mono inputs
2 dedicated X-faders with Control knob + CV Input and Attenuverter
Each X-fader can be routed through the Master mix or straight into the outputs.
Master channel can be used as a stereo VCA or an X-fader
Stereo direct inputs can be routed through the Master mix or straight into the outputs.
Fully analog audio path with high quality/low noise VCAs.

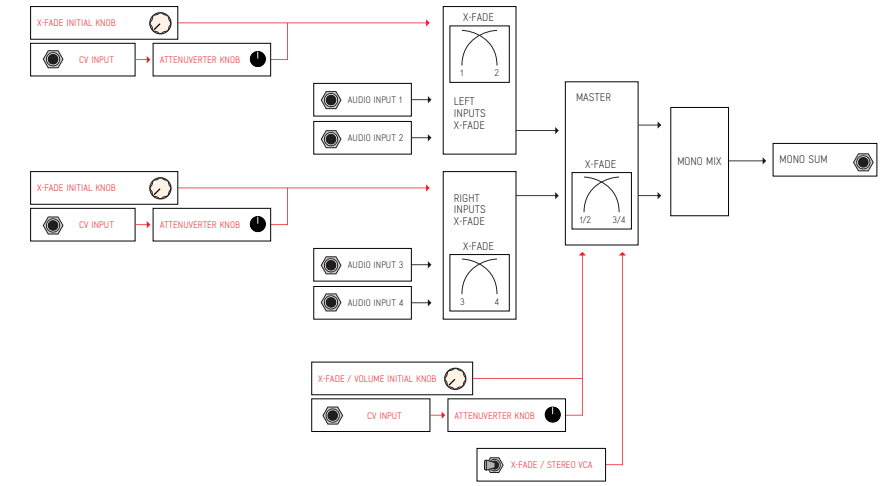
CONTROLS DESCRIPTION



ADDAC805
VC SIGNAL ROUTER SIGNAL FLOW DIAGRAM



4 QUADRANT MIXER EXAMPLE



For feedback, comments or problems please contact us at:
addac@addacsystem.com

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