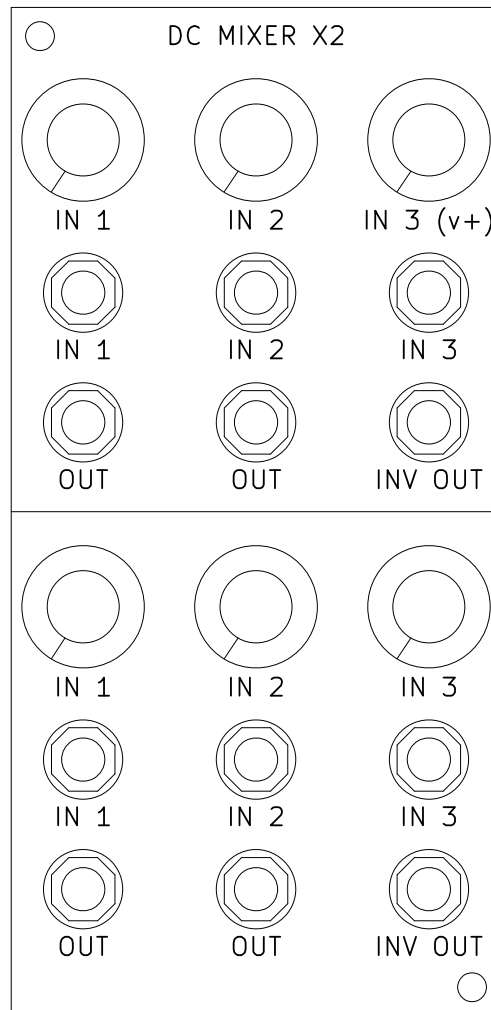


∴ Dual Mixer User Manual ∴

Brief:

This module contains two DC coupled 3-input mixers. Normal and inverted outputs are provided, and one of the mixers has a DC voltage normalized to one of the inputs for a convenient offset voltage source.

Panel layout:



Description of the controls:

- IN 1: attenuator for the signal appearing at the IN 1 jack.
- IN 2: attenuator for the signal appearing at the IN 2 jack.
- IN 3: attenuator for the signal appearing at the IN 3 jack.

Description of the jacks:

- IN 1: signal input 1.
- IN 2: signal input 2.
- IN 3: signal input 3.
- OUT: signal output jack, contains the sum of the attenuated signals.
- OUT: an additional signal output jack, acts as a multiple for the first OUT jack.
- INV OUT: inverted signal output jack.

V+ Normalization:

Input attenuator 3 of the first mixer is normalized to +5 volts DC. Plugging a signal into the IN 3 jack of this mixer breaks the normalization. This attenuated DC source can be used as a positive voltage offset signal when taken from one of the OUT jacks, and a negative voltage offset signal when takes from the INV out jack.

Calibration:

This module requires no calibration.

Current draw:

+12 volts: 15mA

-12 volts: 15mA