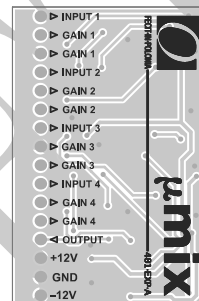
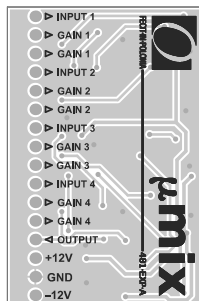


μ MIX

481·EXP·A



Description

μ MIX_{481·EXP·A} is a voltage controlled mono mixer micromodule based on AS2164 integrated circuit. It is designed primarily for mixing audio signals, as the response characteristic is exponential. However, DC coupled inputs allow to use the module also as a mixer for slow modulation signals. Up to 4 input signal sources (either audio or CV) may be connected to the unit. For each of them two control inputs are provided.

Features

- exponential response
- 4 channels
- 2 control inputs per channel
- control voltage range normalized to 0V ÷ +5V
- buffered high impedance signal and control inputs
- buffered low impedance signal output
- with 1k resistor protection
- low noise
- dimensions: 40.64mm x 26.67mm (without pins)
- pin raster 2.54mm/0.1", ideal for breadboard/stripboard use
- +12V, -12V power supply
- reverse voltage protection

Input/Output

pin	label	description	range [V]
1	▷ INPUT 1	channel 1 signal input	-10 ÷ +10
2-3	▷ GAIN 1	channel 1 gain control inputs, summed	0 ÷ +5
4	▷ INPUT 2	channel 2 signal input	-10 ÷ +10
5-6	▷ GAIN 2	channel 2 gain control inputs, summed	0 ÷ +5
7	▷ INPUT 3	channel 3 signal input	-10 ÷ +10
8-9	▷ GAIN 3	channel 3 gain control inputs, summed	0 ÷ +5
10	▷ INPUT 4	channel 4 signal input	-10 ÷ +10
11-12	▷ GAIN 4	channel 4 gain control inputs, summed	0 ÷ +5
13	◁ OUTPUT	signal output	-10 ÷ +10
14	+12V	positive power supply +12V	
15	GND	ground	
16	-12V	negative power supply -12V	

Typical connections

from	↔	attenuated	↔	to	comment
	↔				