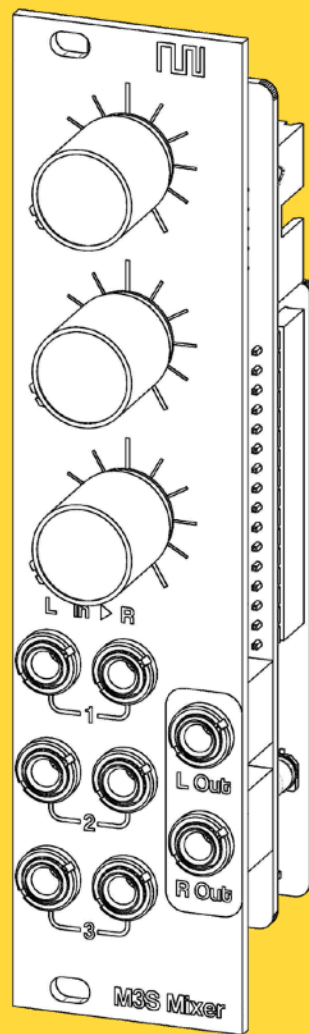


# M3S

## Stereo Mixer

### Eurorack Module

#### User Manual



**Weston Precision Audio**

Designed In Portland, Oregon  
Revision 01 - October 6, 2025

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## DESCRIPTION

M3S is a stereo mixing utility module for Eurorack. This mixer offers 3 channels of stereo input in a compact, 6HP format.

M3S uses high quality, low-noise, low-offset, audio-grade operational amplifiers and a low-noise signal path throughout for excellent performance and transparency.

This module can be configured for either AC or DC coupling of the signals, and for linear or log response of the potentiometers (MK2 version. See page 4).

Important or helpful bits will be in red.

## SPECS

Module Size: 6HP

Depth: 25mm

### Audio Outputs:

270 Ohm Output Impedance

### Inputs:

100kOhm Input impedance

### Power input:

+12V & -12V via standard 10 pin Eurorack connector. Protected against reverse polarity internally and with shrouded connector.

### Power consumption (+12V / -12V):

+12V: 26mA

-12V: 26mA

## MAXIMUM LIMITS

Supply Voltage: +13.5V / -13.5V

All inputs: Up to power supply levels.

## USING M3S: GETTING STARTED

After installing and powering up M3S in your rack, using it is as easy as patching an audio signal into one or more of the “In” inputs. A summation of the Left inputs will appear on the Left output. A summation of the Right inputs will appear on the Right output.

## USING M3S: INPUT NORMAL

When no jack is installed in a Right input, it inherits the signal from the Left input for that channel. This allows the M3S to act as a mixing mult if you are using 1-3 mono signals only.

## M3S CONFIGURATION

There are some user-configurable aspects to M3S. For MK1 units (Serial Numbers up to 10020), audio signal coupling can be configured for AC or DC. For MK2 units (Serial numbers above 10020), audio signal coupling can be configured like MK1, but additionally the response of the potentiometers can be configured as linear or log. The images to the right show the difference of appearance between the earlier MK1 units and the newer MK2 units.

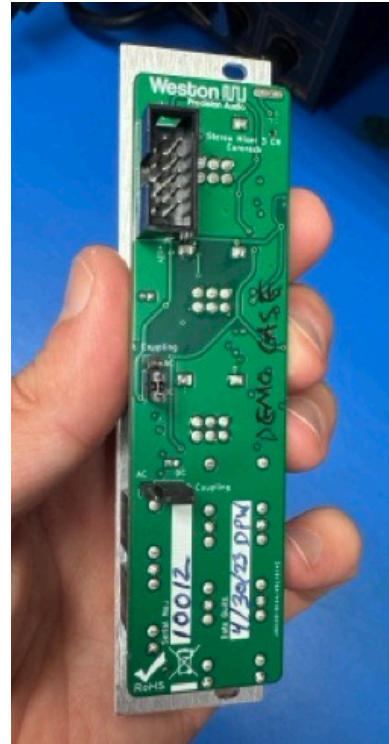


Fig 1: MK1 Unit



Fig. 2: MK2 Unit

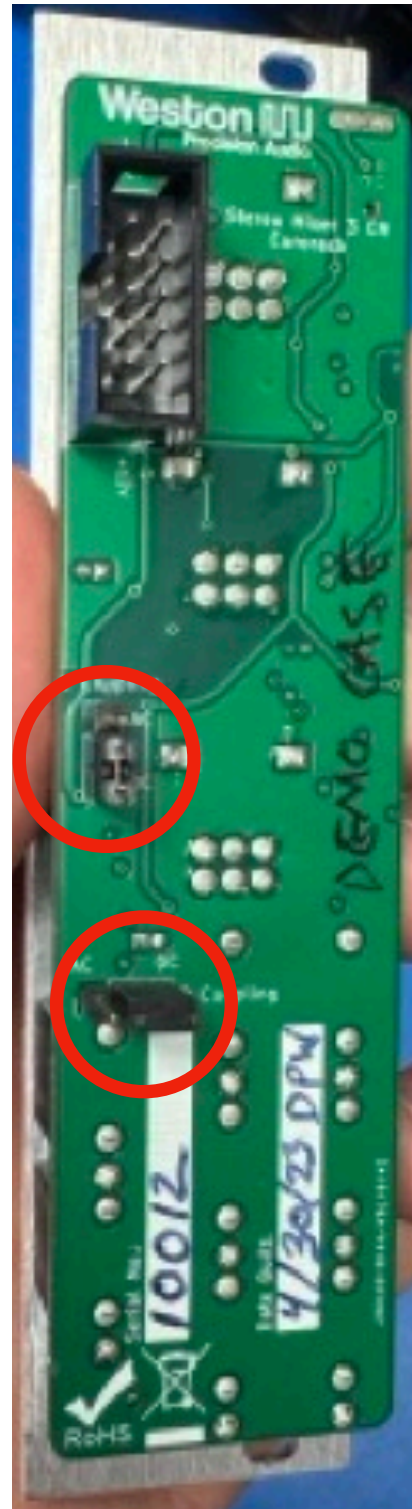
## CONFIGURING A MK1 UNIT

To change the signal coupling to AC-coupled, make sure BOTH jumpers shown in the picture on the right are installed on the pins labeled "AC" (Upper position for the top jumper and left position for the bottom jumper).

To configure signal coupling to DC-coupled, make sure BOTH jumpers shown in the picture are installed on the pins labeled "DC" (Lower position for the top jumper and right position for the bottom jumper).

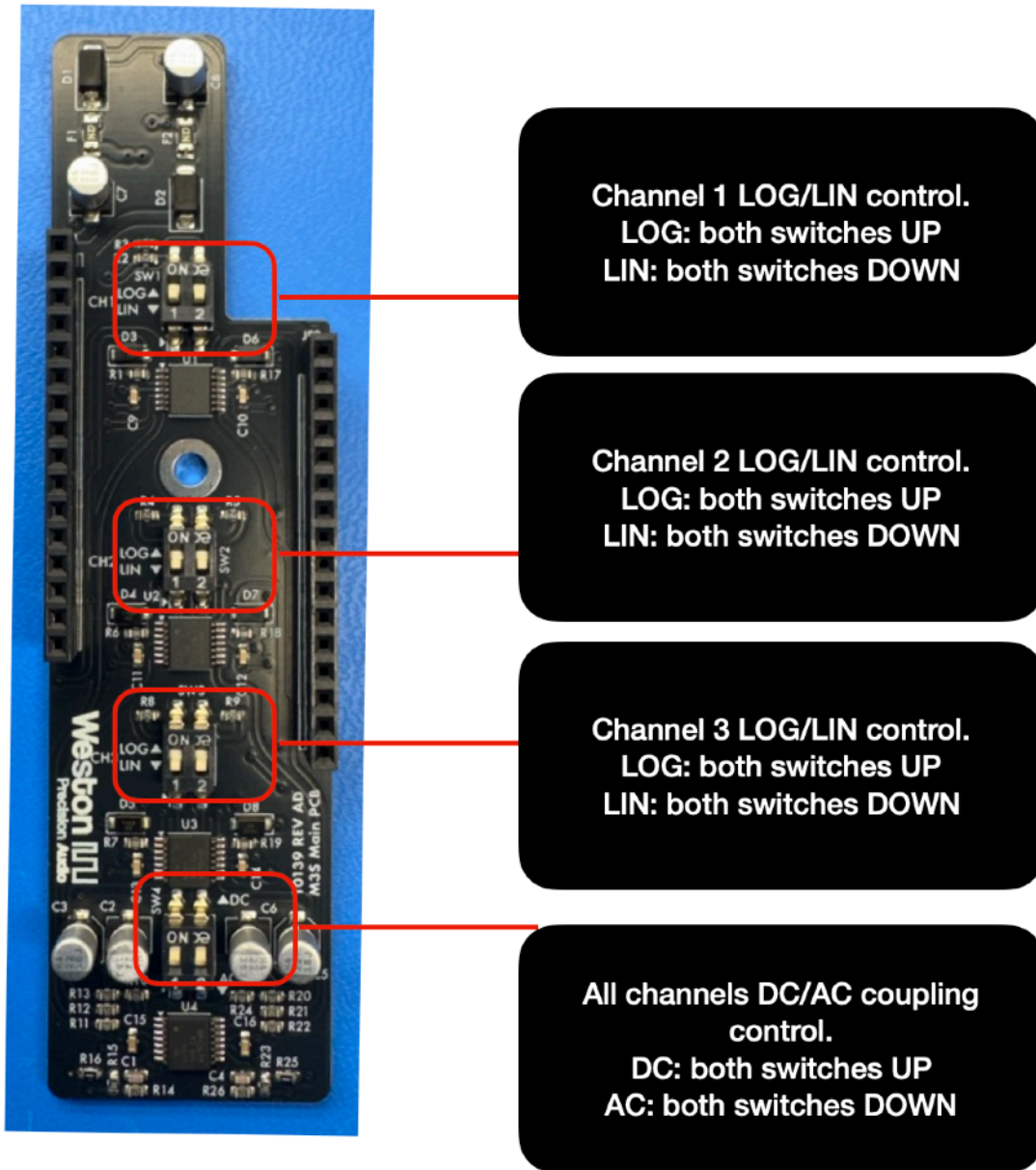
Upper jumper

Lower jumper



## CONFIGURING A MK2 UNIT

First, remove the single Phillips head screw on the back of the module and carefully pull off the rear PCB. Then make your configuration selection based on the image below. When finished, reinstall the rear PCB and screw.



## **REVISION HISTORY**

01: Initial release.