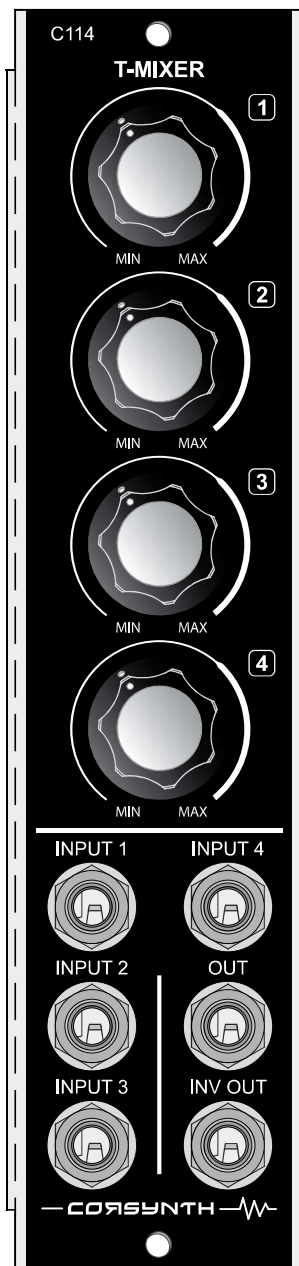


# C114 T-MIXER



## C114 T-MIXER

The C114 T-Mixer is a four channel transistor based mixer. The design is based on the classic Moog CP3 mixer but adapted to modern modular signal levels. The CP3 mixer was a key factor in the classic Moog modular sound.

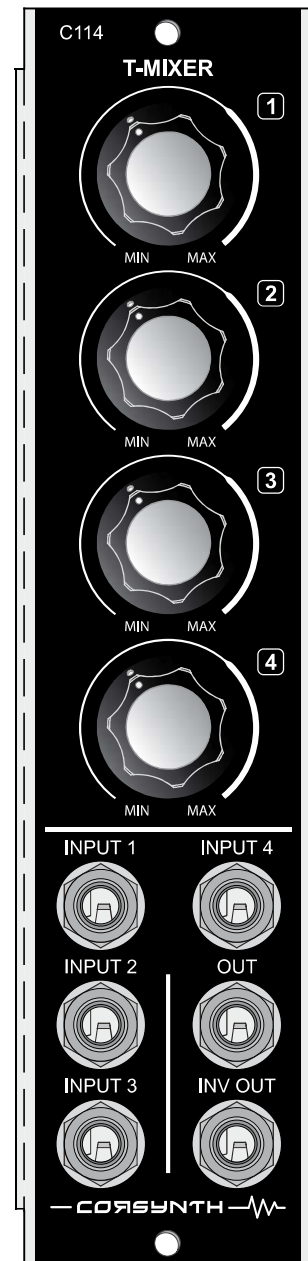
The C114 can be used as a clean mixer but when it shines is when is pushed out of its "comfort zone". The C114 will start to add harmonics to the input signal and the distortion can go from a subtle effect to a hard clipping distortion.

The mixer has two outputs , one normal and the other one inverted and each output has different distortion characteristics.

The C114 can be used with audio and CV signals.

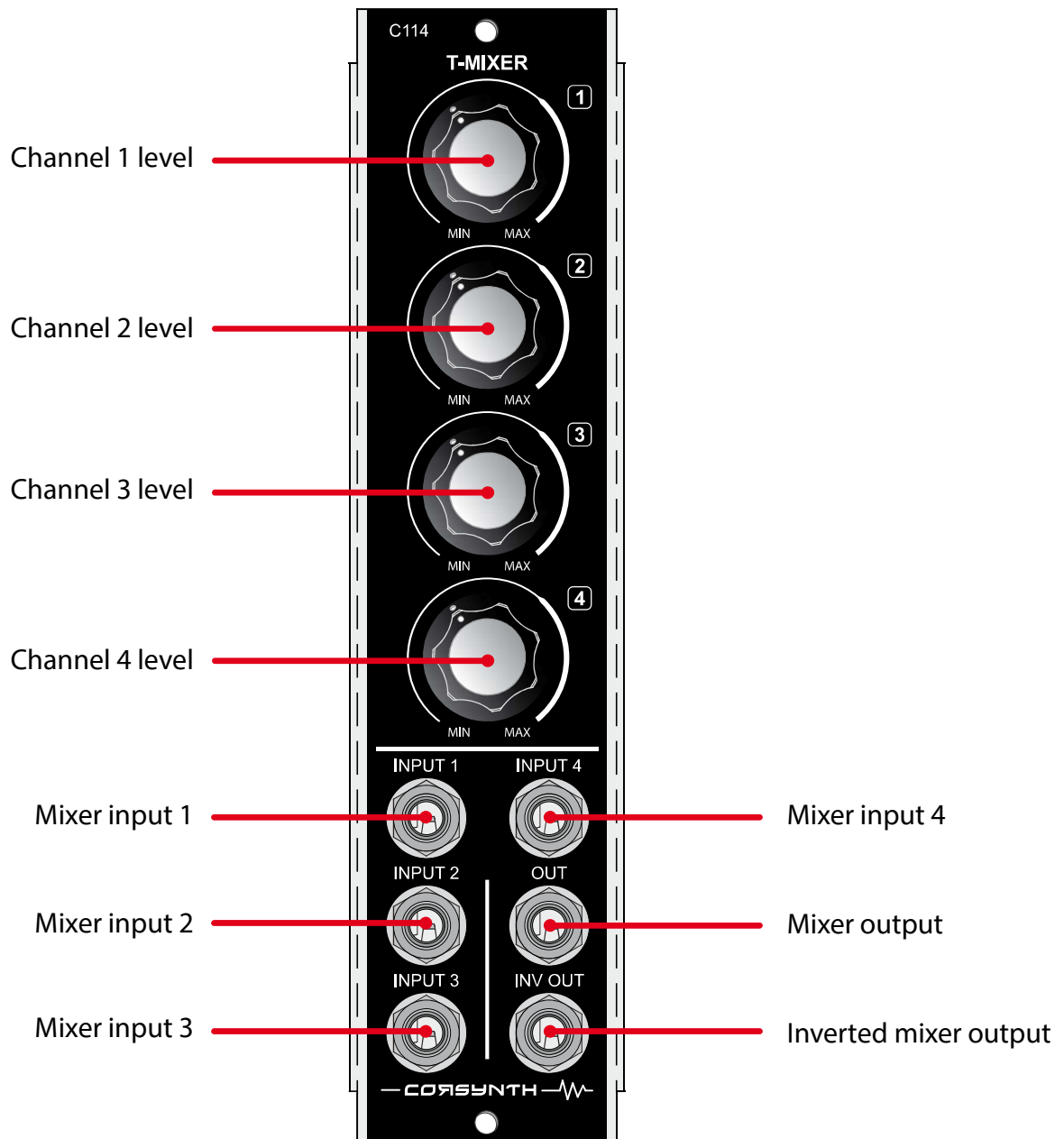
C114 T-Mixer main characteristics :

- transistor based mixer
- 4 channels
- 2 mixer outputs (one inverted)

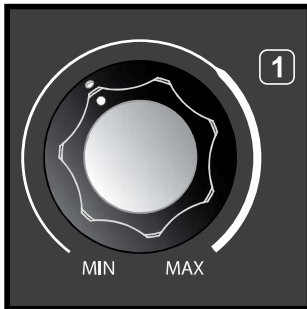


# C114 T-MIXER

## Front Panel

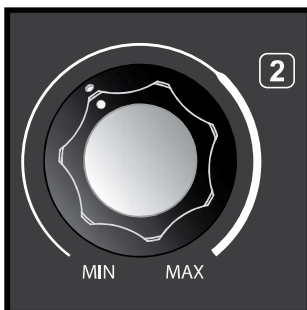


## CONTROL DESCRIPTION



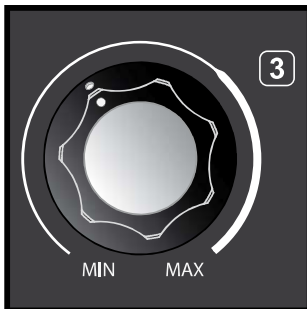
### Channel 1 Level

This knob sets the level for the mixer channel 1 . A signal of +/-5V will be at unity gain ( input equal to the output) where the dial line gets thicker. From that point the mixer will add distortion to the incoming signal.



### Channel 2 Level

This knob sets the level for the mixer channel 2 . A signal of +/-5V will be at unity gain ( input equal to the output) where the dial line gets thicker. From that point the mixer will add distortion to the incoming signal.



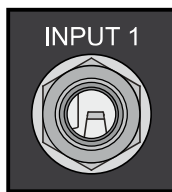
### Channel 3 Level

This knob sets the level for the mixer channel 3 . A signal of +/-5V will be at unity gain ( input equal to the output) where the dial line gets thicker. From that point the mixer will add distortion to the incoming signal.

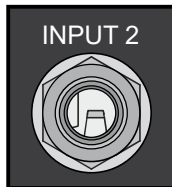


### Channel 4 Level

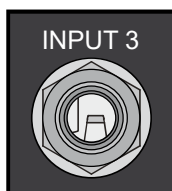
This knob sets the level for the mixer channel 4 . A signal of +/-5V will be at unity gain ( input equal to the output) where the dial line gets thicker. From that point the mixer will add distortion to the incoming signal.

**INPUT 1**

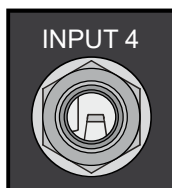
Mixer input 1. It accepts audio and CV signals.

**INPUT 2**

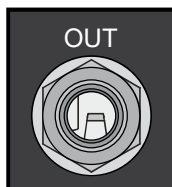
Mixer input 2. It accepts audio and CV signals.

**INPUT 3**

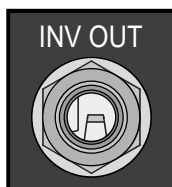
Mixer input 3. It accepts audio and CV signals.

**INPUT 4**

Mixer input 4. It accepts audio and CV signals.

**OUT**

Mixer output. The mixer will start to distort if the sum of the input signals exceeds 10Vpp. (+/-5V)

**INV OUT**

Inverted mixer output. This output inverts the polarity of the incoming signal.

# TRIMMERS AND POWER CONNECTORS



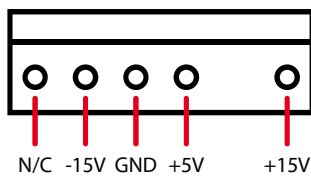
## IMPORTANT !!!!

This module has two power connectors  
(MU and MOTM).

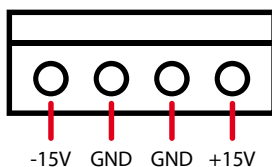
Only one is needed to power the  
module. (MU or MOTM).

**Never connect both at the  
same time.**

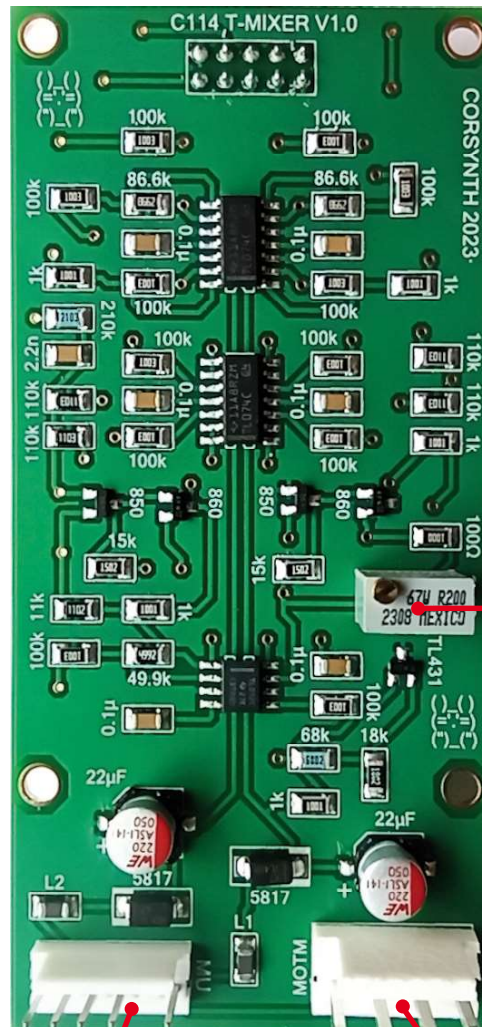
MU



MOTM



MU  
power connector



DC offset

MOTM  
power connector

## TECHNICAL DATA

**Module Format** : 5U, MU format ( Synthesizers.com, Moog )

**Module Width** : 1 MU ( Moog unit )

**Module Depth** : 52 mm ( 2,05 inches )

**Power** : +15V35@mA , -15V34@mA

**Power connectors** : MU, MOTM ( 4 pin )

