ADDAC104 VC T-NETWORKS
USER'S GUIDE . REV01
October.2019

Welcome to:
ADDAC104 VC T-NETWORKS USER'S GUIDE
Revision.01 October.2019

OVERALL FEATURES

Following our ADDAC103 T-Networks this new module is also inspired by Twin T-Networks circuits used in many lengendary drum machines. A simple 4 voice module with frequency controls for each of the voices. This new module also features CV inputs with attenuverters for each voice Frequency. Due to the specificities of the circuit and to keep the module at a low price these inputs are not callibrated to 1v/octave.

At each voice input there's a gate to trigger converter so any input source is possible.
Audio inputs can also be used as an input, in this case and due to the nature of the gate to trigger converter, each voice can be used as very destructive filters.

This module will also be available as a full DIY kit.

Features;
4 Voices each with:
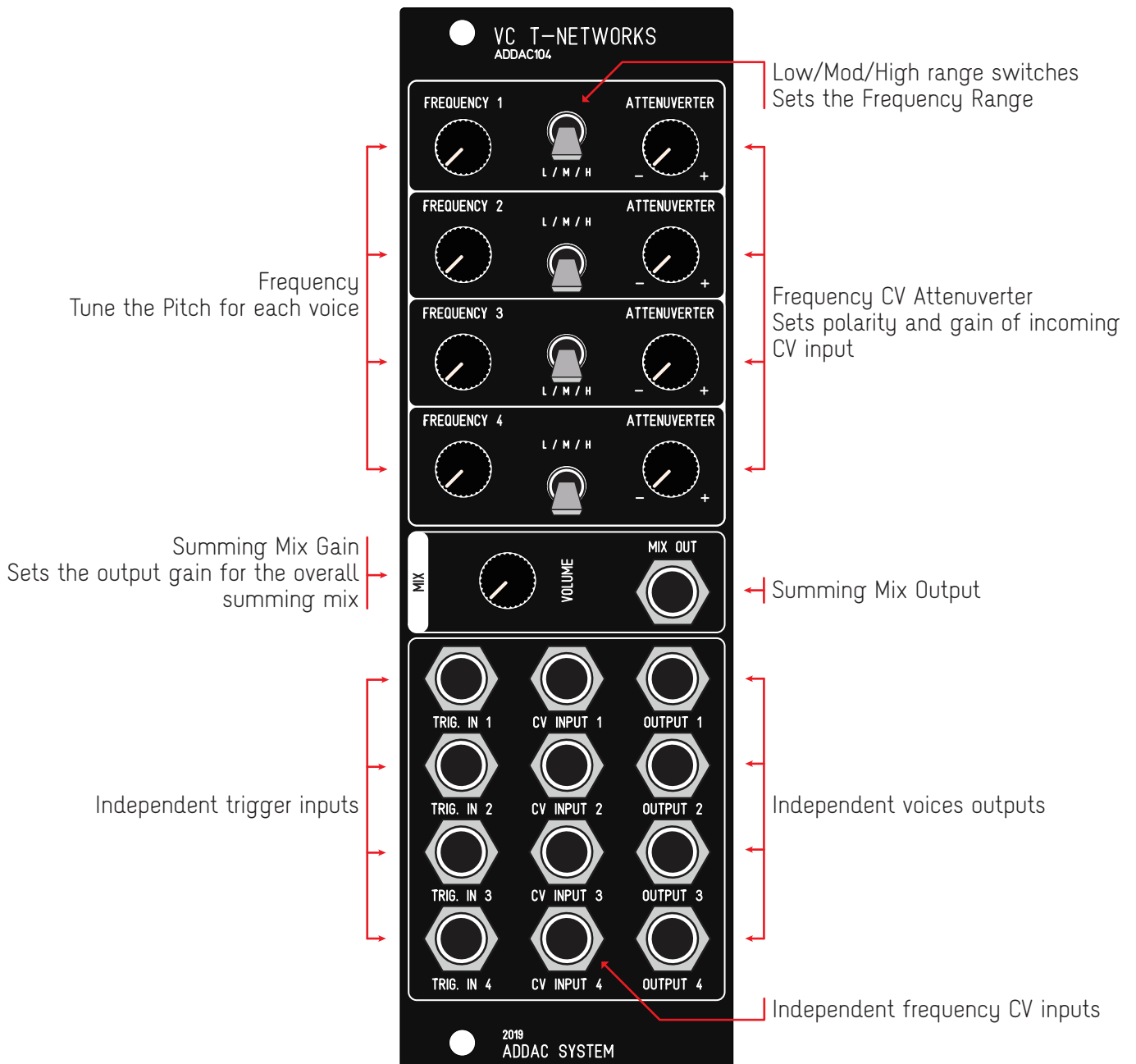Frequency control with CV input and attenuverter
Frequency Range Switch, Low/Mod/High
Trigger Input
Audio Output

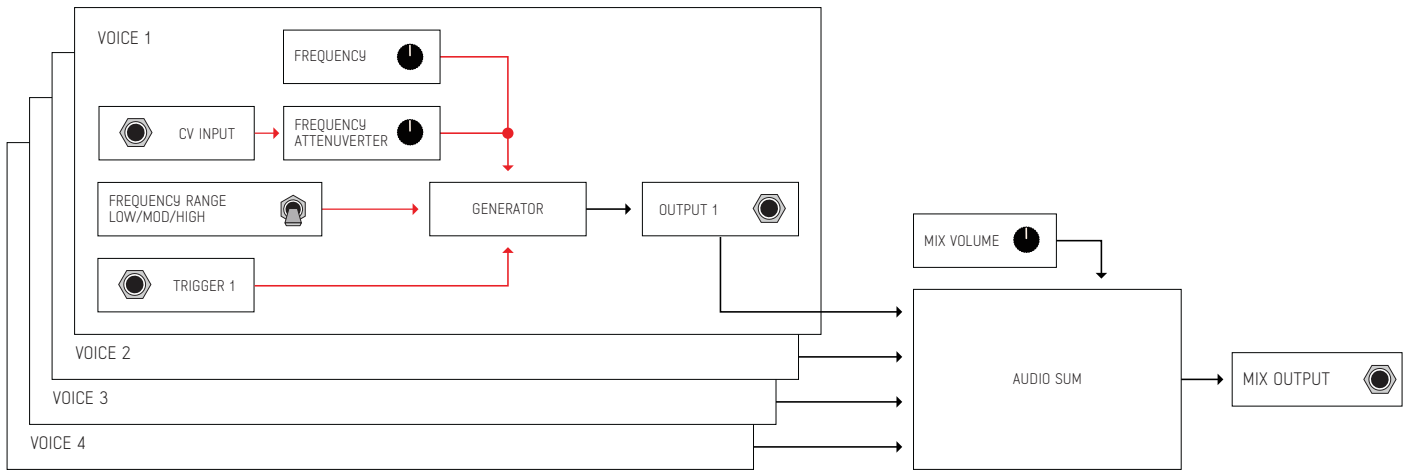Summing Mix output with Volume control

CONTROLS DESCRIPTION

Low/Mod/High range switches
Sets the Frequency Range

Frequency
Tune the Pitch for each voice

Frequency CV Attenuverter
Sets polarity and gain of incoming CV input

Summing Mix Gain
Sets the output gain for the overall summing mix

Summing Mix Output

Independent trigger inputs

Independent voices outputs

Independent frequency CV inputs

VC T-NETWORKS
ADDAC104

FREQUENCY 1   ATTENUVERTER
L / M / H   − +

FREQUENCY 2   ATTENUVERTER
L / M / H   − +

FREQUENCY 3   ATTENUVERTER
L / M / H   − +

FREQUENCY 4   ATTENUVERTER
L / M / H   − +

MIX   VOLUME   MIX OUT

TRIG. IN 1   CV INPUT 1   OUTPUT 1
TRIG. IN 2   CV INPUT 2   OUTPUT 2
TRIG. IN 3   CV INPUT 3   OUTPUT 3
TRIG. IN 4   CV INPUT 4   OUTPUT 4

2019
ADDAC SYSTEM

ADDAC104
VC T-NETWORKS SIGNAL FLOW DIAGRAM

For feedback, comments or problems please contact us at:
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