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

ADDAC System
Instruments for Sonic Expression
Est.2009

INTRODUCING
ADDAC104
VC T-NETWORKS
PRESS RELEASE
October.2019

ADDAC
System

From Portugal with Love!

Press Release

INTRODUCING
ADDAC104 VC T-NETWORKS

Following our ADDAC103 T-Networks this new module is also inspired by Twin T-Networks circuits used in many lengendary drum machines we developed a simple 4 voice module with frequency controls for each of the voices. This new module now 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.

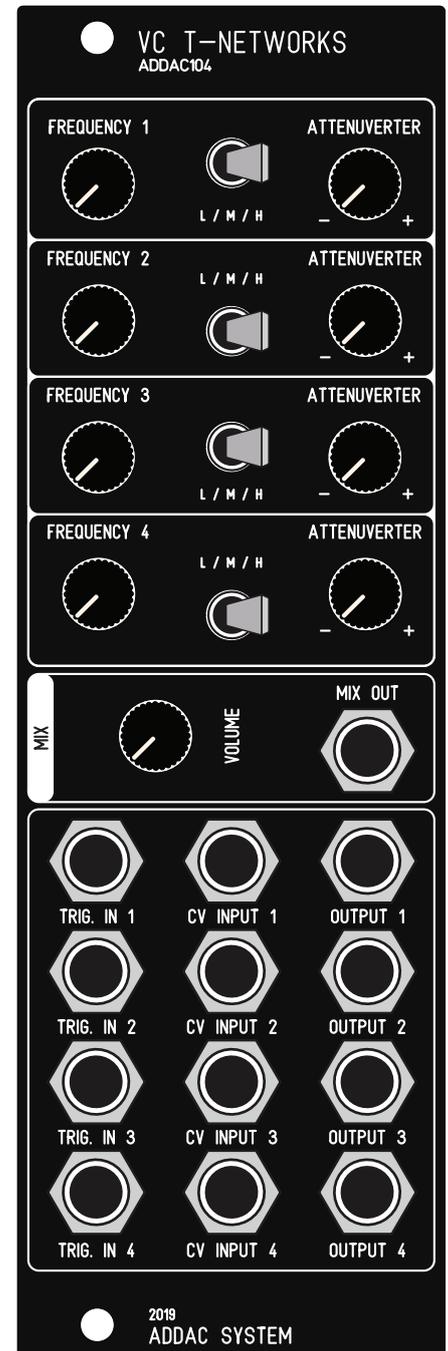At each voice input there's a gate to trigger converter so any input source is possible.
Audio inputs can also be used as an input, in this case and due to the nature of the gate to trigger converter, each voice can be used as very destructive filters.

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/Medium/High
Trigger Input
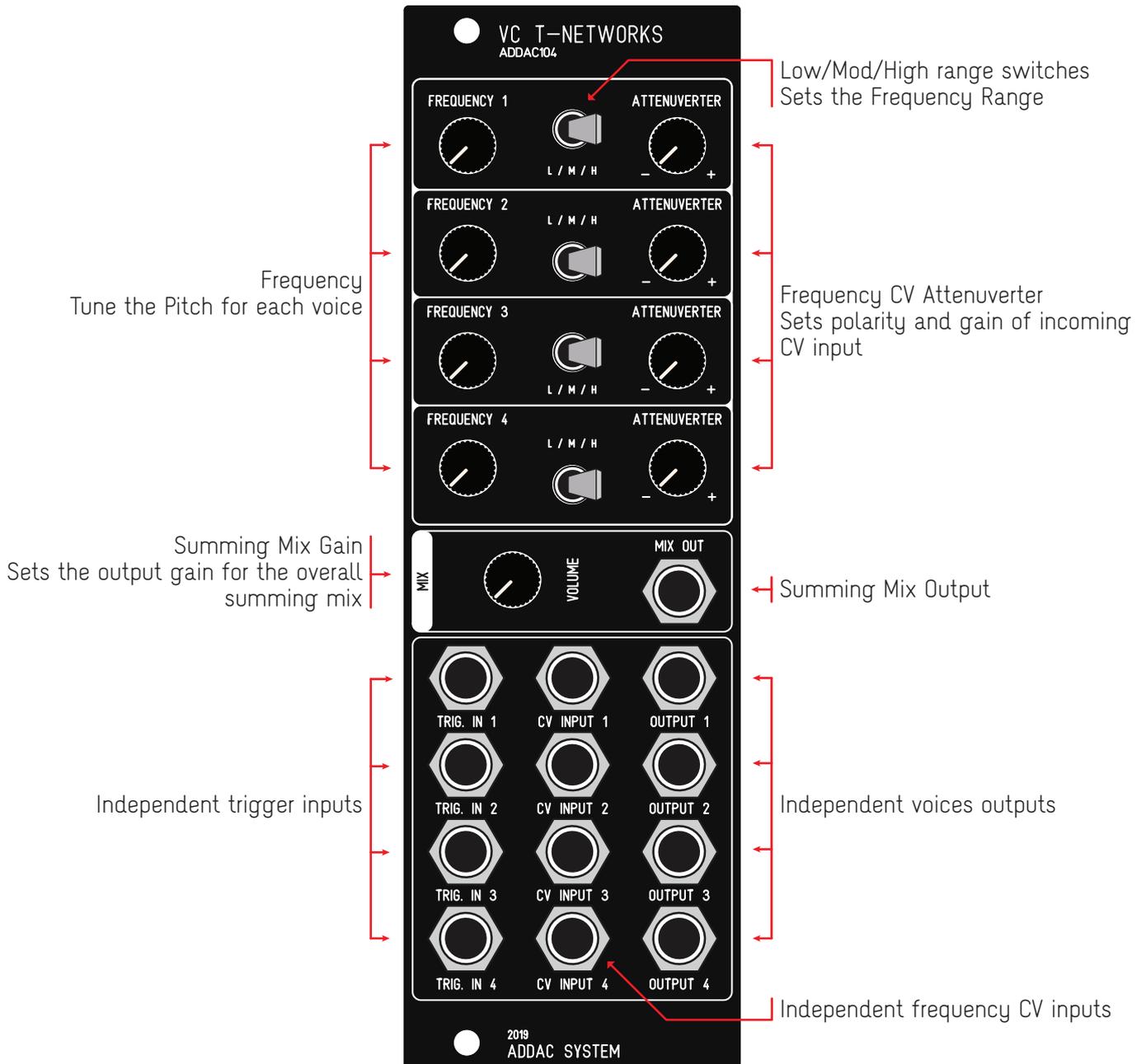Audio Output

Summing Mix output with Volume control

MSRP: 160€
Shipping: Mid November

Tech Specs:
8HP
2.5 cm deep
40mA +12V
40mA -12V

CONTROLS DESCRIPTION

VC T—NETWORKS
ADDAC104

Low/Mod/High range switches
Sets the Frequency Range

FREQUENCY 1   ATTENUVERTER
L / M / H   − +

FREQUENCY 2   ATTENUVERTER
L / M / H   − +

FREQUENCY 3   ATTENUVERTER
L / M / H   − +

FREQUENCY 4   ATTENUVERTER
L / M / H   − +

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

MIX   VOLUME   MIX OUT

Summing Mix Output

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

Independent trigger inputs

Independent voices outputs

Independent frequency CV inputs

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ADDAC104
VC T-NETWORKS SIGNAL FLOW DIAGRAM

VOICE 1

FREQUENCY

CV INPUT

FREQUENCY ATTENUVERTER

FREQUENCY RANGE LOW/MOD/HIGH

GENERATOR

OUTPUT 1

TRIGGER 1

VOICE 2

VOICE 3

VOICE 4

MIX VOLUME

AUDIO SUM

MIX OUTPUT