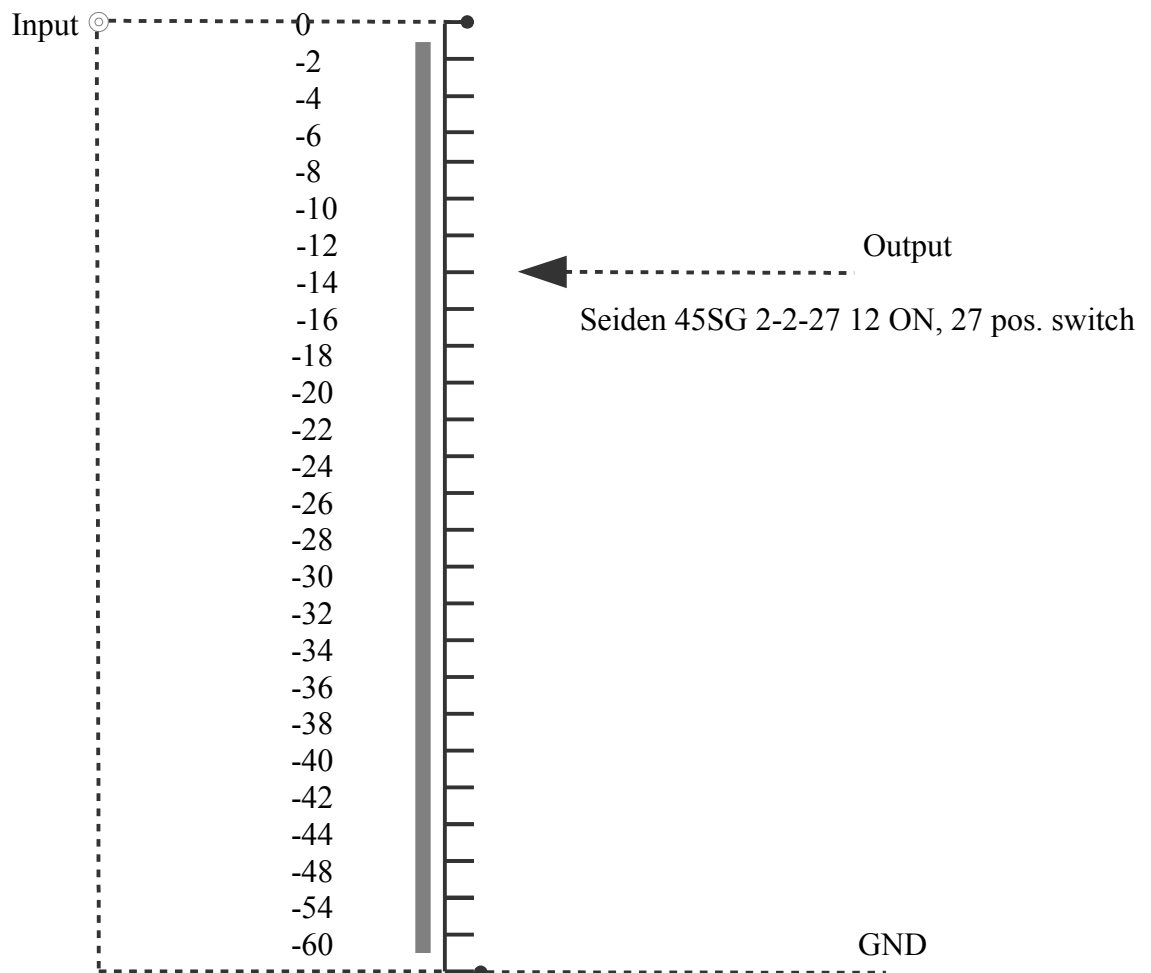


Audio Feast

Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration U1: Unbalanced, simple TVC



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Pin out

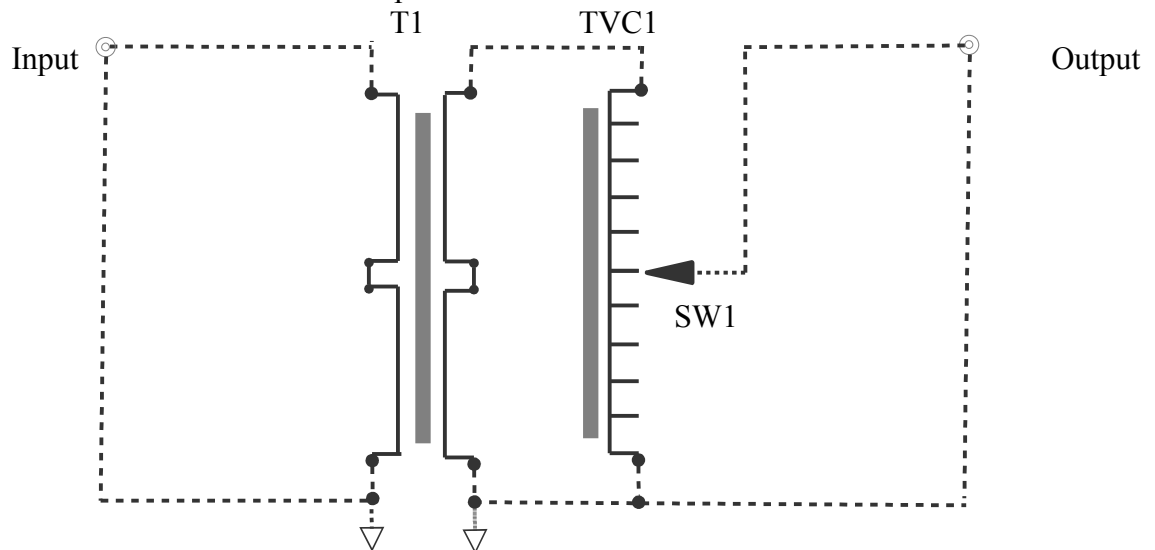


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Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration U2: Unbalanced with an input transformer



Where:

- TVC1: Standard or Large core Urushi Finemet TVC
- T1: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- SW1: Seiden 45SG 2-2-27 12 ON, 27 pos. switch (stereo)
Seiden 45SG 1-1-27 12 ON, 27 pos. switch (mono)

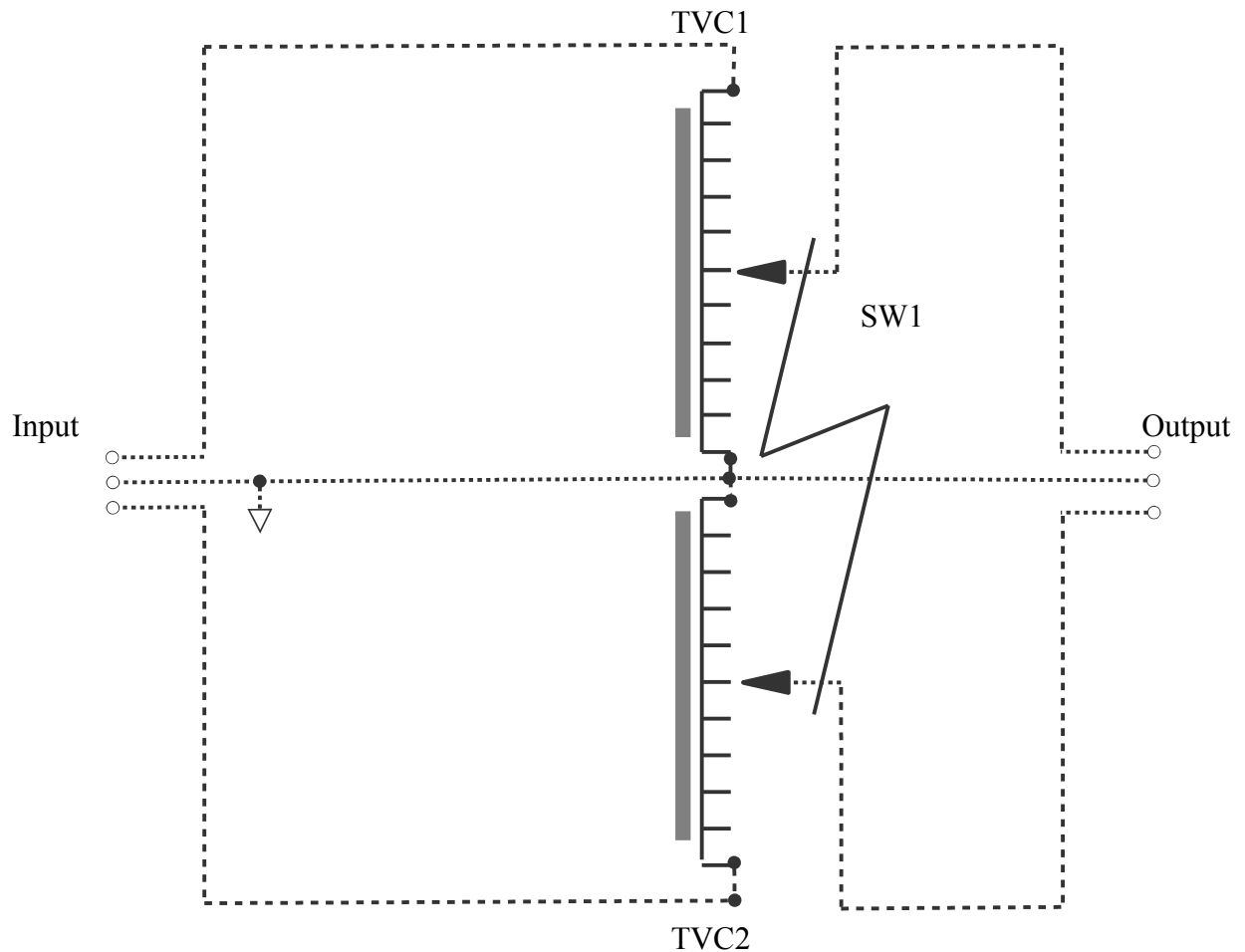
(T1 can be adjusted based on your DAC output voltage and amplifier gain)

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Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration B: Balanced



Where:

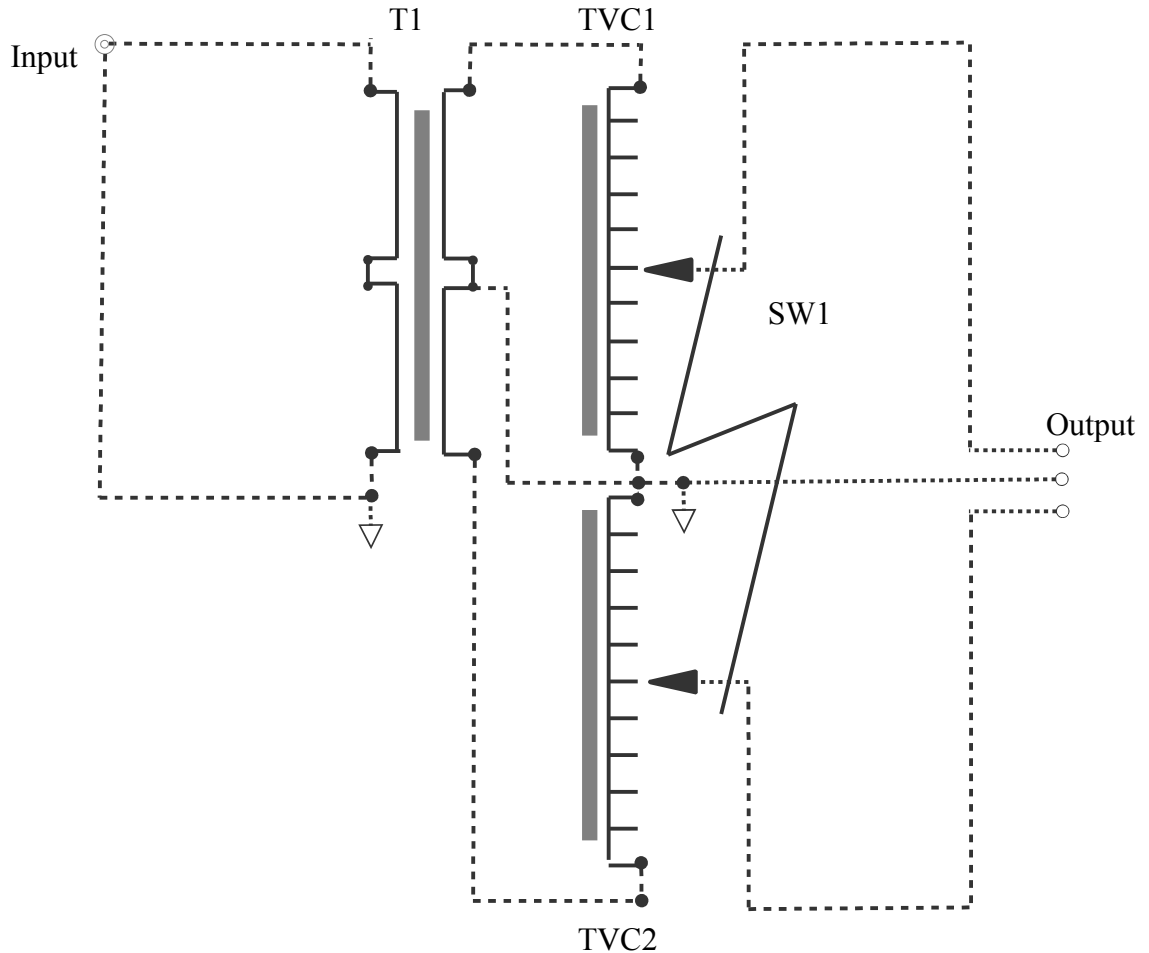
- TVC1: Standard or Large core Urushi Finemet TVC
- TVC2: Standard or Large core Urushi Finemet TVC
- T1: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- SW1: Seiden 45SG 2-2-27 12 ON, 27 pos. switch (mono)
 Seiden 45SG 4-4-27 12 ON, 27 pos. switch (stereo)

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Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration UB: Unbalanced /Balanced
 For Balanced /Balanced, Balanced / Unbalanced add output transformer and/or
 change transformer wirings.



Where:

- TVC1: Standard or Large core Urushi Finemet TVC
- TVC2: Standard or Large core Urushi Finemet TVC
- T1: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- SW1: Seiden 45SG 2-2-27 12 ON, 27 pos. switch (mono)
 Seiden 45SG 4-4-27 12 ON, 27 pos. switch (stereo)

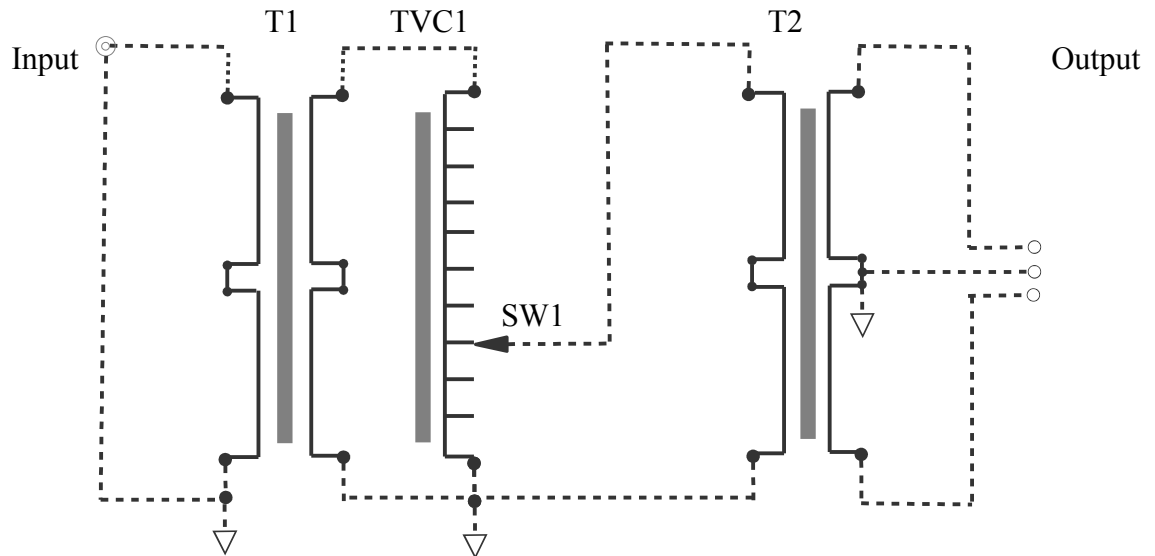
(T1 can be adjusted based on your DAC output voltage and amplifier gain)

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Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration UB2: Unbalanced / Balanced with input/output transformers
For Balanced / Balanced, Balanced / Unbalanced, Unbalanced / Unbalanced
change transformer wirings.



Where:

- TVC1: Standard or Large core Urushi Finemet TVC
- T1: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- T2: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- SW1: Seiden 45SG 2-2-27 12 ON, 27 pos. switch (stereo)
Seiden 45SG 1-1-27 12 ON, 27 pos. switch (mono)

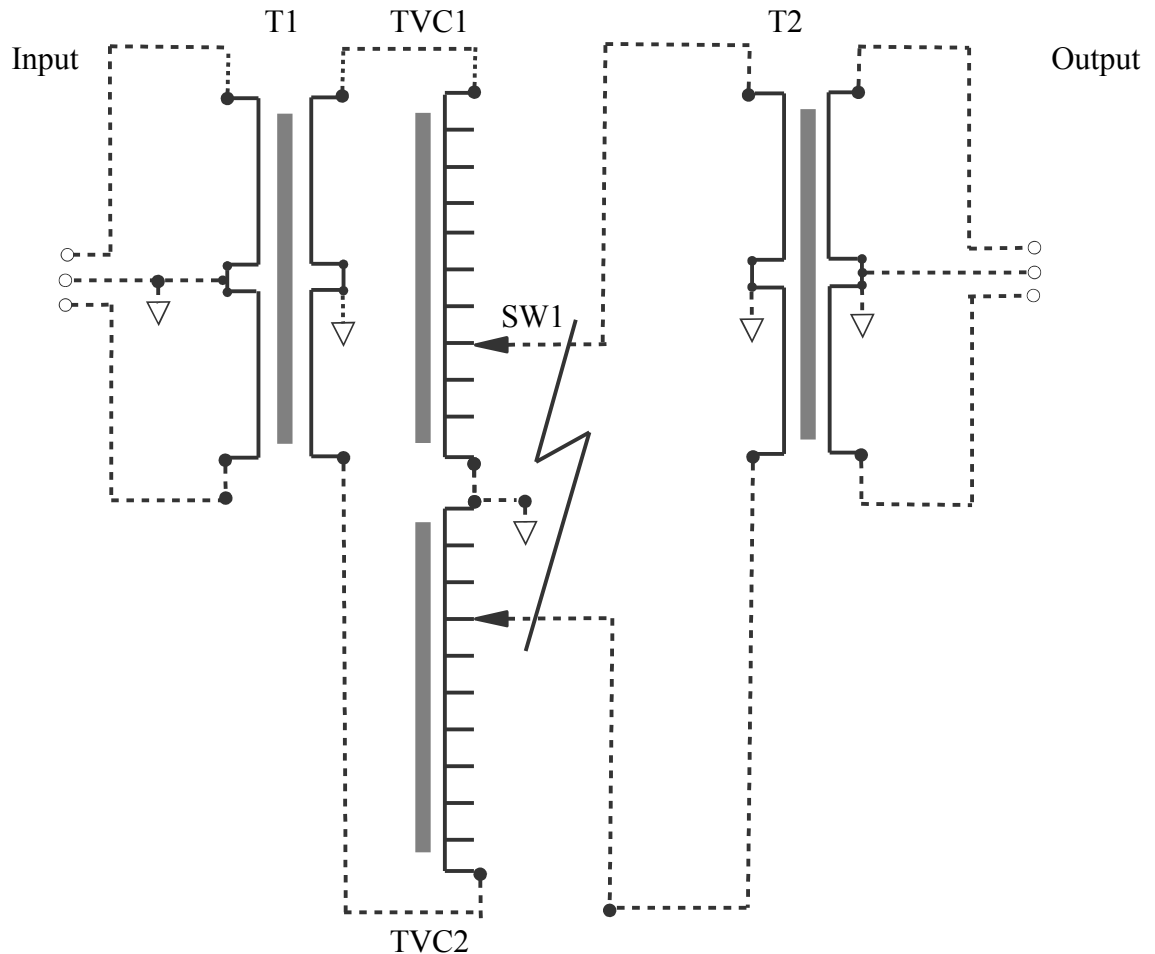
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Teramoto Urushi Finemet TVC, Transformer Volume Control

Configuration BB1: Balanced / Balanced with input/output transformers
For Unbalanced / Balanced, Balanced / Unbalanced change transformer wirings.

This can be an ultimate set up! Constant impedance setup works well with a DAC that has passive I/V conversion.



Where:

- TVC1: Standard or Large core Urushi Finemet TVC
- TVC2: Standard or Large core Urushi Finemet TVC
- T1: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- T2: Urushi Finemet Line Transformer 10K:10K (1+1 : 1+1), split windings
- SW1: Seiden 45SG 2-2-27 12 ON, 27 pos. switch (mono)
Seiden 45SG 4-4-27 12 ON, 27 pos. switch (stereo)

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