



**Elmaformer
Volume
Control**



by Jeffrey W. Jackson and Dave Slagle

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The EMIA Elmaformer is a stereo volume control based on multiple tapped auto-transformers. The unit has 47 steps of 1.25dB each. The complete gain range is from -51.25 to +5dB. As the name implies, the switch is our favorite high quality unit from Elma of Switzerland. The cores of the auto-transformers are made of 80% Nickel, also known by its trade name of Permalloy. Each auto-transformer uses non-magnetic brass channels for that last bit of signal circuit preservation.

Three inputs are switched from a front panel mounted three position toggle switch. Each unit has two outputs that are in parallel.

Enjoy!...

With sincere gratitude,

Jeffrey and Dave

Specifications

Single-ended (balanced on request)
-51.25 to +5 dB in 1.25 dB steps
150 Henries of inductance
Permalloy (80% Nickel) autoformer cores
Brass channel frames
Elma volume switch
Silver plated selector switch
Three inputs
Two parallel outputs
Available in copper or silver

Chassis

5.5" x 5.5" x 6.5" [14 cm x 14 cm x 16.5 cm]
Shipping weight - 11 lbs. [5 kg]