

Model 5030
Line Matching
Speaker Transformer



General Description:

The University Sound 5030 series line transformer is specially designed to match the variety of amplifier and speaker impedance encountered in many systems.

In an installation where speakers and the amplifier are some distance apart, the 5030 series transformer provides either a high-impedance line, or a 25 V/70 V constant-voltage line; both useful for maintaining higher efficiency and keeping power loss to a minimum. The 5030 transformer is capable of handling an extended frequency response such as encountered with high-output public address speakers. Highest-grade audio "A" annealed or oriented cores are used. Insulation and windings are completely varnished and vacuum impregnated. Power rating of the 5030 is 30 watts. The 5030 transformer is also designed to mount inside the MM2TC paging projector or 7110XC driver housings when constant voltage operation is needed for these products.

Technical Specifications:

Useable Frequency Response (70v):	30 - 15,000 Hz
Useable Frequency Response (25v):	40 - 12,000 Hz
Long Term Power Capacity:	30 Watts
Mounting Hole Center:	2.8 in. (7.1 cm.)
Dimensions (H x W x D):	1.87 x 2.9 x 2.0 (in.) 4.8 x 7.3 x 5.1 (cm.)
Net Weight:	2.0 lb. (0.9 kg)
Shipping Weight:	3.0 lb. (1.4 kg)

Wiring Chart:

			Ohms	
Tap	Color	Wattage	25 Volt	70 Volt
A	Purple	30	21	167
B	Blue	15	42	335
C	Green	10	63	500
D	Orange	5	125	1k
E	Brown	2.5	250	2k
F	Yellow	1.25	500	4k

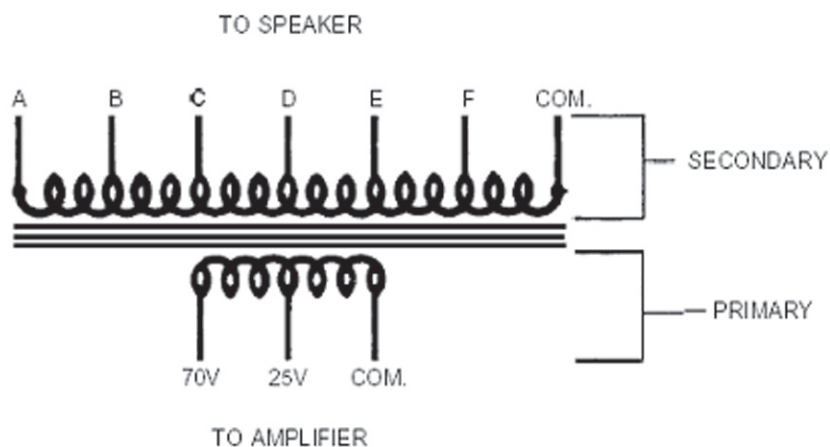


FIGURE 1 — Schematic



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Specifications subject to change without notice.