

## Audio Matching Transformer 40 Hz to 20,000 Hz

The purpose of these transformers is to match the impedance of the loud speaker or a number of loud speakers to the optimum load of the tube or transistor. In other words, the transformer transforms the Impedance of the speaker, so that the impedance which it presents to the primary winding is equal to the load of the Output stage active element (tube or resistor)

### GENERAL SPECIFICATION :

Dual Outputs : 4 & 8 Ohms.

Frequency Response : 40 Hz to 20,000 Hz (-2dB)

Maximum Ambient Temperature : 40°C.

Connections : 150 +/- 10 mm multi stranded PVC wire Stripped & Tinned.

Model	Volts (V)	Power Rating (W)	Impedance ( $\Omega$ )	Transformer Size	L	W	H	Mounting Type
M-70001	70	4 - 2 - 1 - 0.5	1.25K - 2.5K - 5K - 10K	INT-41 x 16	43	18	35	"U" Bracket
M-70002	70	5 - 2 - 1 - 0.5	1K - 2.5K - 5K - 10K	INT-41 x 16	43	18	35	"U" Bracket
M-70003	70	8 - 4 - 2 - 1	625K - 1.25K - 2.5K - 5K	T-12A x 16	51	19	42	"U" Bracket
M-70004	70	10 - 7.5 - 5 - 2.5	500 - 666 - 1K - 2K	T-12A x 16	51	19	42	"U" Bracket
M-70005	70	16 - 8 - 4 - 2	312 - 625 - 1.25K - 2.5K	T-23 x 19	60	22	49	"U" Bracket
M-70006	70	20 - 15 - 10 - 5	250 - 333 - 500 - 1K	T-23 x 19	60	22	49	"U" Bracket
M-70007	70	25 - 20 - 10	200 - 250 - 500	T-31 x 25.4	70	29	58	"U" Bracket
M-70008	70	32 - 16 - 8	156 - 312 - 625	T-31 x 25.4	70	29	58	"U" Bracket
M-70009	70	45 - 30 - 20	110 - 167 - 250	T-31 x 25.4	70	29	58	"U" Bracket
M-70010	70	50 - 30 - 15	100 - 167 - 333	T-15 x 31.75	76	35	67	"L" Clamp
M-70011	70	60 - 45 - 30	133 - 167 - 222	T-33 x 38.1	84	40	72	"L" Clamp
M-100001	100	5 - 2 - 1 - 0.5	2K - 5K - 10K - 20K	INT - 41 x 16	43	18	35	"U" Bracket
M-100002	100	6 - 4 - 2 - 1	1.67K - 2.5K - 5K - 10K	INT - 41 x 16	43	18	35	"U" Bracket
M-100003	100	10 - 7.5 - 5 - 2.5	1K - 1.33K - 2K - 4K	T - 12A x 16	51	19	42	"U" Bracket
M-100004	100	15 - 10 - 7.5 - 5	666 - 1K - 1.33K - 2K	T - 23 x 19	60	22	49	"U" Bracket
M-100005	100	20 - 15 - 10 - 5	500 - 666 - 1K - 2K	T - 23 x 19	60	22	49	"U" Bracket
M-100006	100	25 - 20 - 15 - 10	400 - 500 - 666 - 1K	T - 31 x 25.4	70	29	58	"U" Bracket
M-100007	100	30 - 20 - 15 - 10	333 - 500 - 666 - 1K	T - 31 x 25.4	70	29	58	"U" Bracket
M-100008	100	35 - 30 - 25 - 10	285 - 333 - 400 - 1K	T - 31 x 25.4	70	29	58	"U" Bracket
M-100009	100	50 - 40 - 30 - 20	200 - 250 - 333 - 500	T - 15 x 31.75	76	35	67	"L" Clamp
M-100010	100	60 - 45 - 30	167 - 222 - 333	T - 15 x 31.75	76	35	67	"L" Clamp
M-100011	100	75 - 60 - 45	133 - 167 - 222	T - 33 x 38.1	84	40	72	"L" Clamp

Dimensions in mm. Tolerance +/- 2mm

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