



# OXFORD ELECTRICAL PRODUCTS

audio transformers

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## Miniature PCB Mounting

	Turns Ratio	Impedance		Max Power	d.c. resistance		Frequency Range	Dimensions W.H.D.	Part No.
		PRI	SEC		PRI	SEC			
	1:1 C.T.	800 $\Omega$	800 $\Omega$	2 mW	69	97	200Hz-15kHz	19 16 16	E187A
3.6:1+1	3 k $\Omega$	250 $\Omega$ 250 $\Omega$	5 mW	80	23+23	200Hz-15kHz	27 20 21	E187B	


## Miniature Encapsulated Audio Input Transformer

	Part Number	Z1604
	Turns ratio	1:1 C.T.
	Impedance	600 $\Omega$ : 600 $\Omega$ C.T.
	Power handling	60Hz-25kHz 2mW/600 $\Omega$ for <1% THD at 60 Hz
	<b>High quality, low distortion Mu-metal laminations</b>	
	Frequency response at 2mW	60Hz - 25kHz $\pm$ 0.5dB
	Frequency response at 0.2mW	30Hz - 25kHz $\pm$ 0.7dB
	THD at levels below saturation typically < 0.02%	
	<b>Fully encapsulated, flame retardant epoxy resin within glass filled nylon case for maximum environmental and mechanical protection.</b>	
	<b>Insulation greater than 1.5kV rms</b>	
<b>Return loss better than 19dB 300Hz-3.4kHz</b>		

## 100V Line

A range of transformers designed to match loudspeakers to the 100V line output of a 'public announcement' amplifier.

Available as a universal type to suit 4, 8 or 16? speakers, and incorporating taps to deliver 1, 2, 5, 15 or 30W and in fixed power ratings of 2W, 5W & 10W suitable for 8? speakers.

	Part No	Type	Width	Height	Depth	Weight(g)	Fixing Centre
	B18A001F	2W $\Omega$	43	36	33	190	52x4BA
	P74A001F	5W $\Omega$	50	41	36	300	59X2BA
	N35A001F	10W $\Omega$	57	48	43	460	71X2BA
	D29A100	Universal	79	65	62.5	900	92X2BA

## Microphone Input



Enclosed in a Mu-metal screening can for minimum hum pick up. Windings varnish protected. Mounted by single 3/8" threaded bush through which pass flexible leads. Suitable for matching microphones into high impedance load (50k approx). Response 3dB down at 40Hz and 25Hz. Centre tapped primaries suit balanced microphone applications.

Type		Height	Diameter	Part No.
20 - 30 $\Omega$	microphones	32mm	34mm	X187A
200 - 600 $\Omega$	microphones	32mm	34mm	X187B