

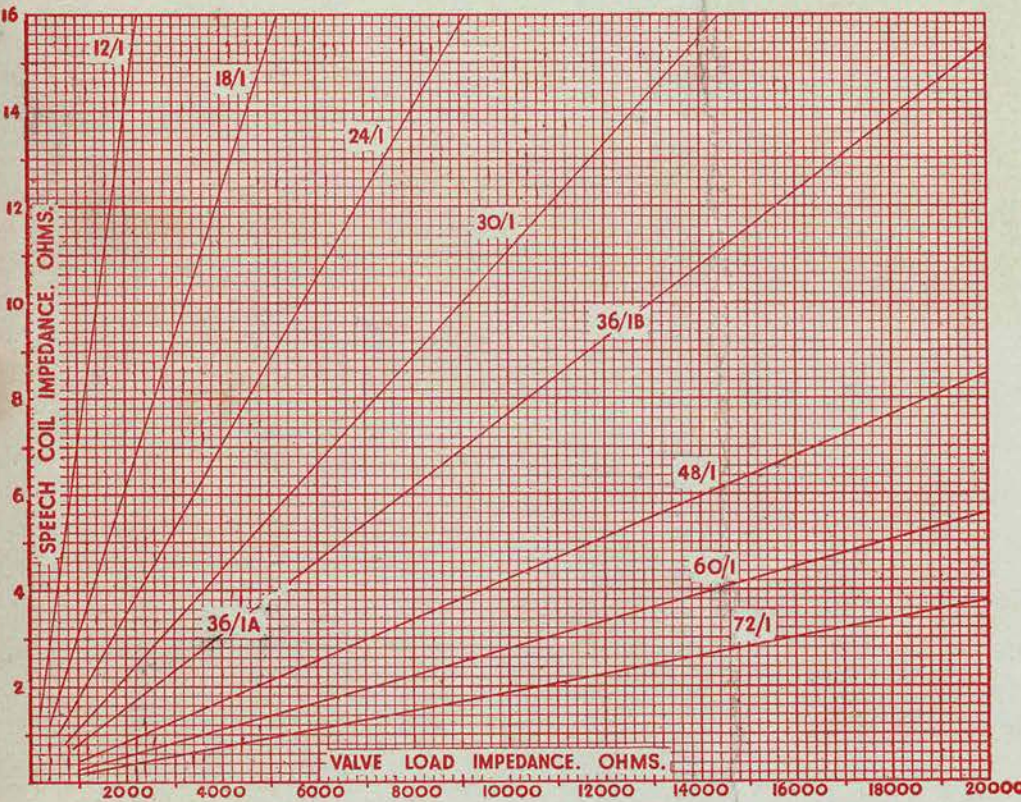
# GOODMANS "101" Transformer

## DATA CHART

The Wireless & Electrical Trader,

May 20th 1940

June 1st, 1940.



To obtain maximum efficiency, comprehensive series paralleling of the windings has been arranged. To find the correct connection, plot the impedance of the voice coil against the valve load and select the nearest ratio. The necessary connections are then ascertained by consulting the list given below. For example, to match an 8 ohm coil to 10,000 ohms load, trace along the 8 ohm line until the load impedance of 10,000 is reached. The nearest ratio is 36/1B. This ratio is obtained by joining 3 to 4, and using 1 and 6 for the primary, and joining 8 to 9 and using 7 and 10 for the secondary.

For 12/1	<b>Primary</b> Join 4 to 2 and join 5 to 3 and use 2 & 3.	For 36/1B	<b>Primary</b> Join 3 to 4 and use 1 & 6 Centre tap if required No. 3.
	<b>Secondary</b> Join 8 to 9 and use 7 & 10		<b>Secondary</b> Join 8 to 9 and use 7 & 10
For 18/1	<b>Primary</b> Join 4 to 1 and join 6 to 3 and use 1 & 3	For 48/1	<b>Primary</b> Join 3 to 4 and use 2 & 5 Centre tap if required No. 3.
	<b>Secondary</b> Join 8 to 9 and use 7 & 10		<b>Secondary</b> Join 7 to 9 and join 8 to 10 and use 7 & 8
For 24/1	<b>Primary</b> Join 4 to 2 and join 5 to 3 and use 2 & 3	For 60/1	<b>Primary</b> Join 3 to 4 and use 2 & 6
	<b>Secondary</b> Join 7 to 9 and join 8 to 10 and use 7 & 8		<b>Secondary</b> Join 7 to 9 and join 8 to 10 and use 7 & 8
For 30/1	<b>Primary</b> Join 3 to 4 and use 2 & 6	For 72/1	<b>Primary</b> Join 3 to 4 and use 1 & 6 Centre tap if required No. 3.
	<b>Secondary</b> Join 8 to 9 and use 7 & 10		<b>Secondary</b> Join 7 to 9 and join 8 to 10 and use 7 & 8
For 36/1A	<b>Primary</b> Join 4 to 1 and join 6 to 3 and use 1 & 3		
	<b>Secondary</b> Join 7 to 9 and join 8 to 10 and use 7 & 8		

Postage will be paid by Licensee.

PRINTED MATTER.

No Postage Stamp necessary if posted in Great Britain or Northern Ireland.

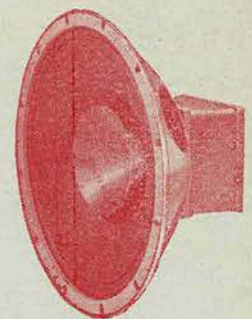
BUSINESS REPLY CARD

Licence No. H A 128.

GOODMANS INDUSTRIES, LTD.,  
Lancelot Road,  
Wembley, Middx.

## GOODMANS High Fidelity

LOUDSPEAKERS



GOODMANS  
'JUNIOR AUDITORIUM'  
LOUDSPEAKER

A patented dual exponential type diaphragm (exclusive to Goodmans), an exceptionally light, but rigid speech coil, and a specially constructed magnet of nickel-aluminium alloy gives a response to Goodmans Auditorium Loudspeakers, the fidelity of which makes them pre-eminent amongst all quality reproducers.

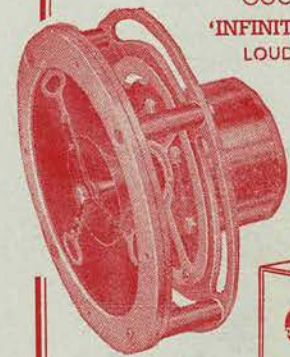
Junior Auditorium (as illustrated) 10" model. Power Rating 6 Watts, A.C. Peak. (Without Transformer) £3 - 5 - 0 (subject)

### 'SENIOR AUDITORIUM'

12" model. Power Rating 12 Watts A.C. Peak £7 - 13 - 0 (Without Transformer) (subject)

GOODMANS

'INFINITE BAFFLE'  
LOUDSPEAKER



By successful manipulation of air column resonance and with a cabinet of only 18 ins. cube, Goodmans Infinite Baffle Loudspeaker provides a fidelity of response superior to that obtained with a baffle of not less than 8 ft. square.

Has useful frequency range from 30 to 12,000 c.p.s. Power Rating 15 watts A.C. Peak. Speech Coil impedance 2.5 ohms. Supplied fitted in plain case 18" x 18" x 18" £10 - 0 - 0 (Excluding Transformer)

High grade cabinets available in various finishes.

CUT ALONG PERFORATIONS

USED BY LEADING  
SET MANUFACTURERS

Printed by St. Clements Press, Ltd., Portugal St., London, W.C.2.