

ROLA SPEAKERS

Manufactured by
ROLA COMPANY
(AUST.) PTY. LTD.
The Boulevard,
Richmond, Vic.

ROLA SPEAKER REPAIR SERVICE

Because of their design and the quality of the materials used in their construction most of the 2,000,000 Rola loudspeakers sold in Australia during the past twenty years are still giving trouble-free service.

However, some of them—due to mishandling, faults which develop in use, or to windings burnouts caused by breakdowns in radio receivers with which they have been associated—may need attention. Rola Service Depots which provide prompt and efficient loudspeaker service are established in Sydney and Melbourne.

Though at these depots repairs to Rola loudspeakers are carried out by highly trained staffs, it is not always economic to attempt the re-conditioning of very old model loudspeakers.

To help the radio dealer and the general public to decide on the advisability of having a loudspeaker repaired these tables have been prepared.

Where the cost of repairing a loudspeaker will approximate the purchase price of a new model, replacement of the old unit is suggested.

Provided that they are not damaged, Rola Speakers listed below with the word "Yes" are worth repairing. Speakers listed with the word "No" are regarded as so obsolete as to be not worth repairing and should be replaced.

REPAIR GUIDE

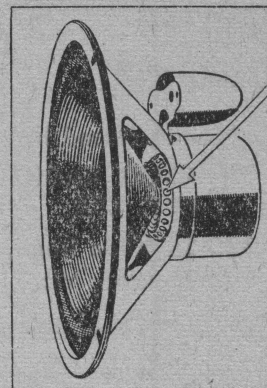
MODEL	Worth Repairing	Voice Coil Impedance at 400 Cycles	Replacement Transformer Type
3½" Permanent Magnet Types			
3C	Yes	3.7	D,E,F,G,
5" Electro Dynamic Types			
F4	No	3.7	—
K5	Yes	3.7	E
5" Permanent Magnet Types			
5-4	Yes	3.7	D & E
5-7	Yes	3.7	D
5-8	No	3.7	—
5-9	Yes	3.7	D & E
5-11	No	3.7	—
5-15	No	3.7	D
5C	Yes	3.7	D,E,G,G.
(G in battery sets only)			
T5 (Bakelite external spider)	No	12*	—
T5 (Permafex spider)	Yes	12*	Special
5-6	No	3.7	—
F4 PM	No	3.7	—
6" Electro Dynamic Types			
F5B (Permafex spider)	Yes	3.7	D
F5B (Internal spider)	No	3.7	—
DP5B (Bakelite external spider with felt)	No	3.7	—
6" Permanent Magnet Types			
F5B PM	No	3.7	—
6-6 (Bakelite external spider with felt)	No	3.7	—
6-6 (Permafex spider)	Yes	3.7	D
6-8	Yes	3.7	D
6-11	Yes	3.7	D
6-12	Yes	3.7	D
6-15	Yes	3.7	D
6H	Yes	3.7	D
DM6 (Special Car Radio)	No	—	—
8" Electro Dynamic Types			
F6 (Internal spider)	Yes	2	C
K8 (Internal spider)	Yes	2	C
K8 (Permafex spider)	Yes	2	C
K8 (Bakelite external spider)	No	2	—
K8 (Bakelite external spider)	No	2	—
K8 (Bakelite external spider with felt)	No	3.7	—
F8 (Bakelite external spider with felt)	Yes	3.7	D
F8 (Permafex spider)	No	1.8	—
GM8 (Special Car Radio)	No	—	—
8" Permanent Magnet Types			
8-8 (External bakelite spider with felt)	No	2	—
8-8 (Permafex spider)	Yes	2	C
FR6 PM	No	2	—
8-11 (Permafex spider)	Yes	3.7	D
8-11 (External bakelite spider with felt)	No	3.7	—
8-14 (External bakelite spider with felt)	No	2	—
8-14 (Permafex spider)	Yes	2	C
8-15 (Permafex spider)	Yes	3.7	D
8-15 (External bakelite spider with felt)	No	3.7	—

*At 5,000 Cycles

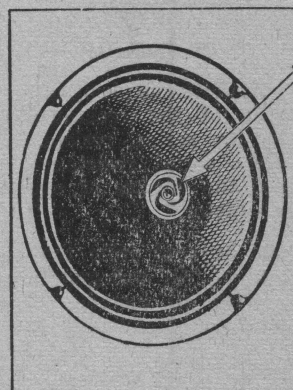
FOR ROLA SPEAKERS

MODEL	Worth Repairing	Voice Coil Impedance at 400 Cycles	Replacement Transformer Type
8" Permanent Magnet Types			
8-20 (External bakelite spider with felt)	No	2	—
8-21 (External bakelite spider with felt)	No	2	—
8-42 (External bakelite spider with felt)	No	2	—
8-20 (Permafex spider)	Yes	2	C
8-21 (Permafex spider)	Yes	2	C
8-42 (Permafex spider)	Yes	2	C
8-0	Yes	2	C
8-M	Yes	2	C
8K	Yes	2	C
10" Electro Dynamic Types			
K7	No	2	—
F10 (External bakelite spider)	No	2	—
F10 (External bakelite spider with felt)	No	2	—
F10 (Permafex spider)	Yes	2	C
F10 (Internal spider)	Yes	2	C
K10 (Permafex spider)	Yes	2	C
K10 (External bakelite spider with felt)	No	2	—
10-20 (Permafex spider)	Yes	2	C
10-21 (Permafex spider)	Yes	2	C
10-42 (Permafex spider)	Yes	2	C
10" Permanent Magnet Types			
10-20 (External bakelite spider with felt)	No	2	—
10-21 (External bakelite spider with felt)	No	2	—
10-42 (External bakelite spider with felt)	No	2	—
12" Electro Dynamic Types			
K12 (Permafex spider)	Yes	2	C
F12 (Permafex spider)	Yes	2	C
K12 (External bakelite spider)	No	2	—
F12 (External bakelite spider)	No	2	—
K12 (External bakelite spider with felt)	No	2	—
12" Permanent Magnet Types			
12-20 (Permafex spider)	Yes	2	C
12-21 (Permafex spider)	Yes	2	C
12-42 (Permafex spider)	Yes	2	C
12-20 (External bakelite spider with felt)	No	2	—
12-21 (External bakelite spider with felt)	No	2	—
12-42 External bakelite spider with felt)	No	2	—
12-0 (Permafex spider)	Yes	2	C
G12 Speakers			
All types	Yes	8.4	B

Explanatory Notes:



PERMAFLEX SPIDER—is a non-adjustable diaphragm suspension attached externally to the apex of the cone which provides a means of permanently retaining the moving coil concentrically in the magnetic gap. Comprising a concentrically corrugated disc of paper or impregnated fabric, it is cemented at its outer periphery to an annular support. No screws or other means of adjusting the position of the spider or its support are provided. (An early type is illustrated.)



INTERNAL SPIDER—is a diaphragm suspension attached inside the cone near the apex.

ROLA CATALOGUE

Full technical details of the complete range of Rola loudspeakers, including two new 12" models which are to be released shortly, are contained in the newly-issued Rola Loudspeaker Catalogue. The loudspeaker data includes power ratings, diaphragm resonance, voice coil impedance and mounting details. Also included in this attractively-printed booklet are details of output and line transformers, their impedance ratings and their type codes, information

on Rola filter chokes, and a monograph setting out power, voltage and impedance relationships. Articles on loudspeaker performance ratings and the development of modern magnet alloys will also interest all loudspeaker users. Copies can be obtained free from all Rola distributors or direct from Rola Company (Aust.) Pty. Ltd., The Boulevard, Richmond, Victoria.