

771 A

A1

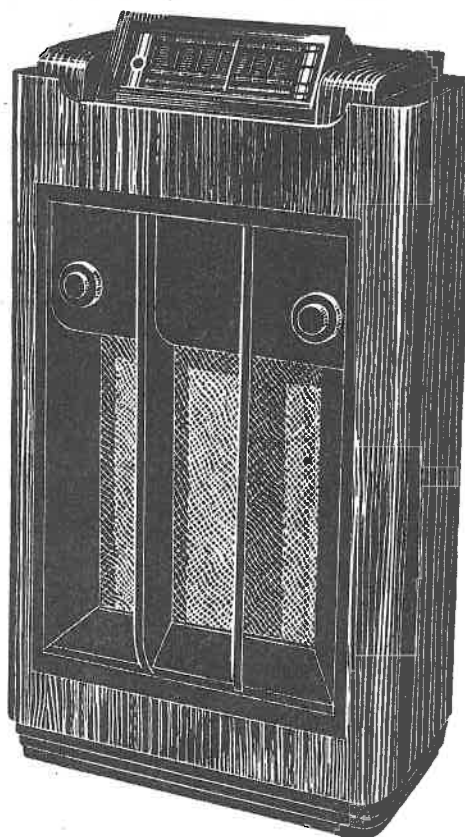
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PHILIPS

SERVICE DOCUMENTATION

FOR RECEIVER
TYPE 771 A



FOR USE ON A.C. MAINS.

GENERAL.

The apparatus 771A is a console, and the incorporated chassis is practically identical to that of the receiving set 361 A.

The instructions for operating the knobs, alignment, fault-finding, repair, etc. given in the documentation of 361 A can therefore be adhered to in detail. The differences are given in the accompanying principle circuit on page 01.

List of components only used in receiving set 771 A ; for the other spareparts see documentation of 361 A and the General Part List.

Description		Codenummer	Price
Cabinet		28.244.460	
Backplate (above)		28.401.120	
Backplate (under)		28.400.990	
Speaker silk		06.601.020	
Knob		23.610.541	
Rubber mantle cord		33.983.250	
Lener for loudspeaker switch.		28.243.891	
Rotor contact 1-1.		28.904.161	
Loudspeaker Type 9652	Centring jig	09.991.530	
	Screen cap (chassis)	28.256.080	
	Spinning ring (Service clamping ring)	28.446.750	
	Paper ring	28.445.880	
	Anti directional cone	23.666.600	
Loudspeakertransformer (S36-S37)	Conus with speaker coil (S38)	28.220.610	
		28.533.660	
Resistances	R33 640 ohm	28.773.680	
	R36 50 ohm	28.773.570	
	R53 0,2 M. ohm	28.773.930	
Condenser	C80 2000 μ F	28.198.920	

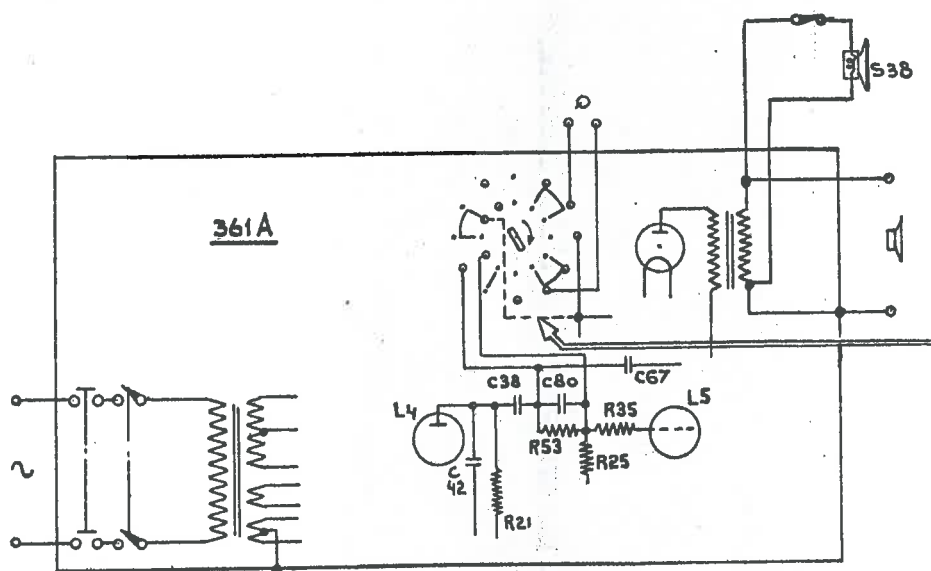


Fig. 1

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771A

SERVICE NOTE TO DEALERS.

Overload distortion in models 361a, and 771a; occasionally it will be found in the above models, that a distortion of strong signals will develop even when the sensitivity switch is in the "normal" position. This condition may be caused by a change in value of resistors R14. (3.2 meg), R15 (3.2 meg.), R18 (5 meg.), or R30 (.25 meg.). Another cause sometimes encountered is the development of a leak in insulation in the shielded leads to R3 in the RF unit from the junction of R14 and R15 (particularly where these leads are bonded to the chassis).

In all of these cases, the fault will be indicated by an excessive closing of the EM1 cross, as well as by distortion. It is pointed out that owing to the high values of resistance in the A.V.C. circuit any slight leak has a detrimental effect on its operation.

Insulation of all leads in this circuit, requires to be to the order of 10 - 20 megohms.

Philips Lamps (N.Z) Limited.

23/11/38.
