

STRICTLY CONFIDENTIAL

FOR PHILIPS SERVICE
DEALERS ONLY

COPYRIGHT 1937

PHILIPS

SERVICE MANUAL

FOR CONSOLE RECEIVER
TYPE 701AX.

The 701AX receiver is a console type fitted with a chassis identical with the 785AX. For trimming, fault-finding and repairs, reference should therefore be made to the manual for the 785AX.

It should be noted that this console receiver has a sub-base which will allow access to the majority of the components and consequently it will not be necessary to remove the chassis on all occasions. If, however, it is desired to remove chassis, proceed as follows :—

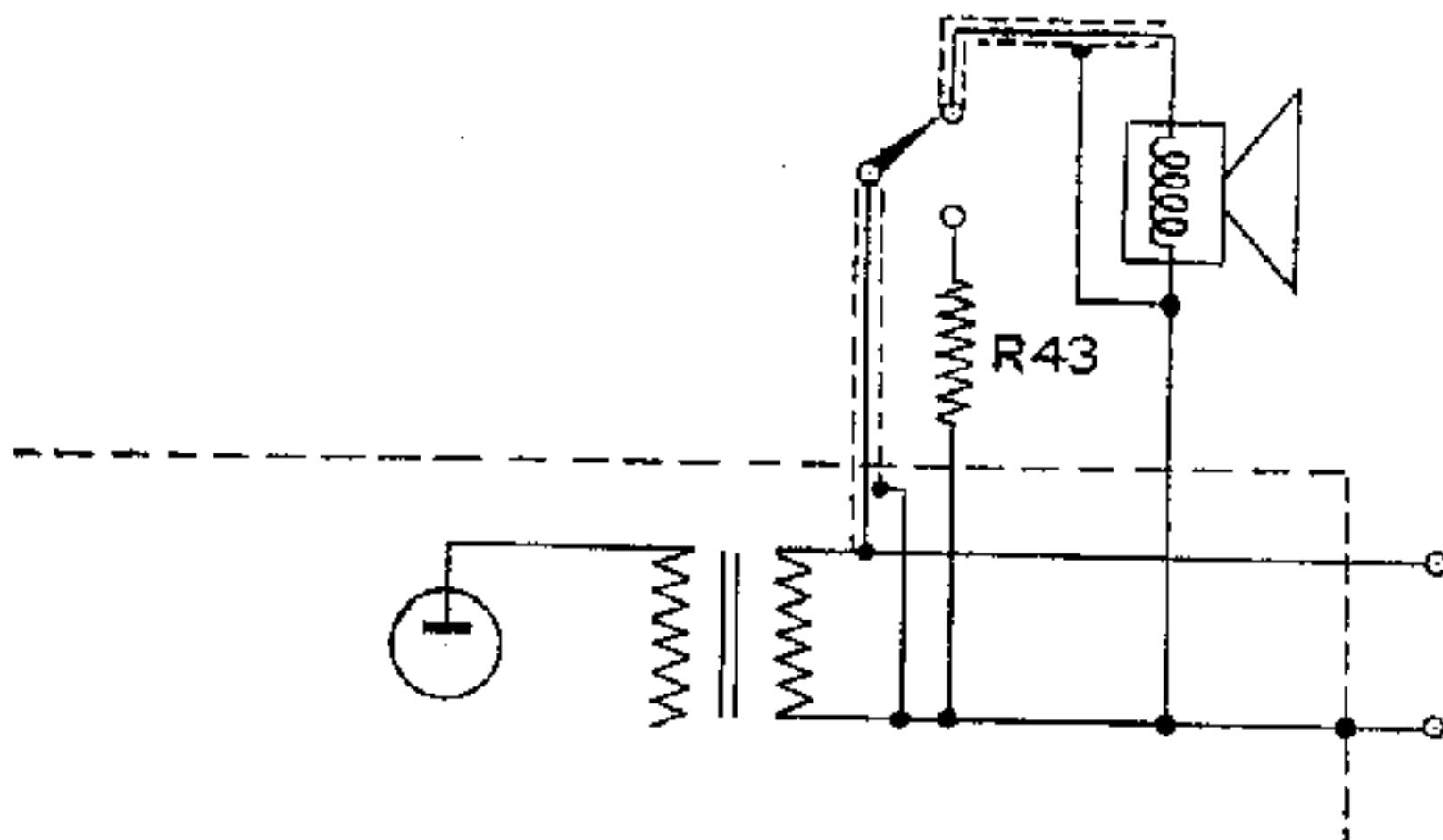
How to Remove the Chassis 701AX.

1. Remove Fibre Back plate.
2. Unsolder "E" connections to Base foil.
3. Remove screws from front of mains switch and withdraw same.
4. Remove speaker switch from top of cabinet.
5. Unsolder speaker leads.

6. Remove the six wood-screws holding metal brackets of escutcheon.
7. Remove the grub screw, holding monoknob in front of cabinet.
8. Remove the four bolts at bottom of chassis.
9. Ease escutcheon inwards and withdraw chassis from cabinet.

To recase, reverse process.

The only difference in the circuit is that the 701AX incorporates an extra switch for cutting out the loudspeaker (when an extension speaker is being used), a resistance of 50 ohm (R43) being simultaneously connected across the external speaker sockets to prevent the output valve from being left without load. This switch is located at the top left-hand corner of the backplate, and the resistance is close to the chassis. The following is a list of components applicable **only** to the 701AX ; for the remainder see 785AX Service Manual.



TYPE 701AX

(Modification to Circuit 785AX.)