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SERVICE NOTES FOR THE

# PHILIPS RADIOGRAM

TYPE F5G86A



## THE RECEIVER

The receiver section of the F5G86A is similar to the B3G63A for which a Service Manual has already been issued.

The main differences are the inclusion of a magic eye tuning indicator and an additional loudspeaker. A switch has been connected across S25, which is closed when the receiver is switched to A.M. The loudspeakers are connected in parallel; the transformer is therefore wound for an output impedance of 2.5 ohms, which is also the impedance at the extension sockets.

A mains panel containing four pins is fitted to the mains transformer, for the connection of the record changer and the record compartment illuminating lamp. The pins are marked LAMP and GRAM. It is important that the connecting leads are not reversed.

## THE RECORD CHANGER

The record changer used is the Philips type AG1014. Service Information for this unit is contained in the AG1003 and AG1014 Service Manuals and Manual Supplements.

## STEREOPHONIC REPRODUCTION

The pick-up arm has been wired for double track reproduction, so that in conjunction with the Philips stereophonic pick-up head and an additional amplifier and loudspeaker, stereophonic records can be played.

A socket plate with switch is fitted at the back of the receiver for the connection of an additional amplifier. The amplifier input impedance should be  $0.5M\Omega$ . When normal records are being used with the standard pick-up head, the switch must be in position "N". When stereophonic records are being used with the stereophonic pick-up head the switch must be in position "S".

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