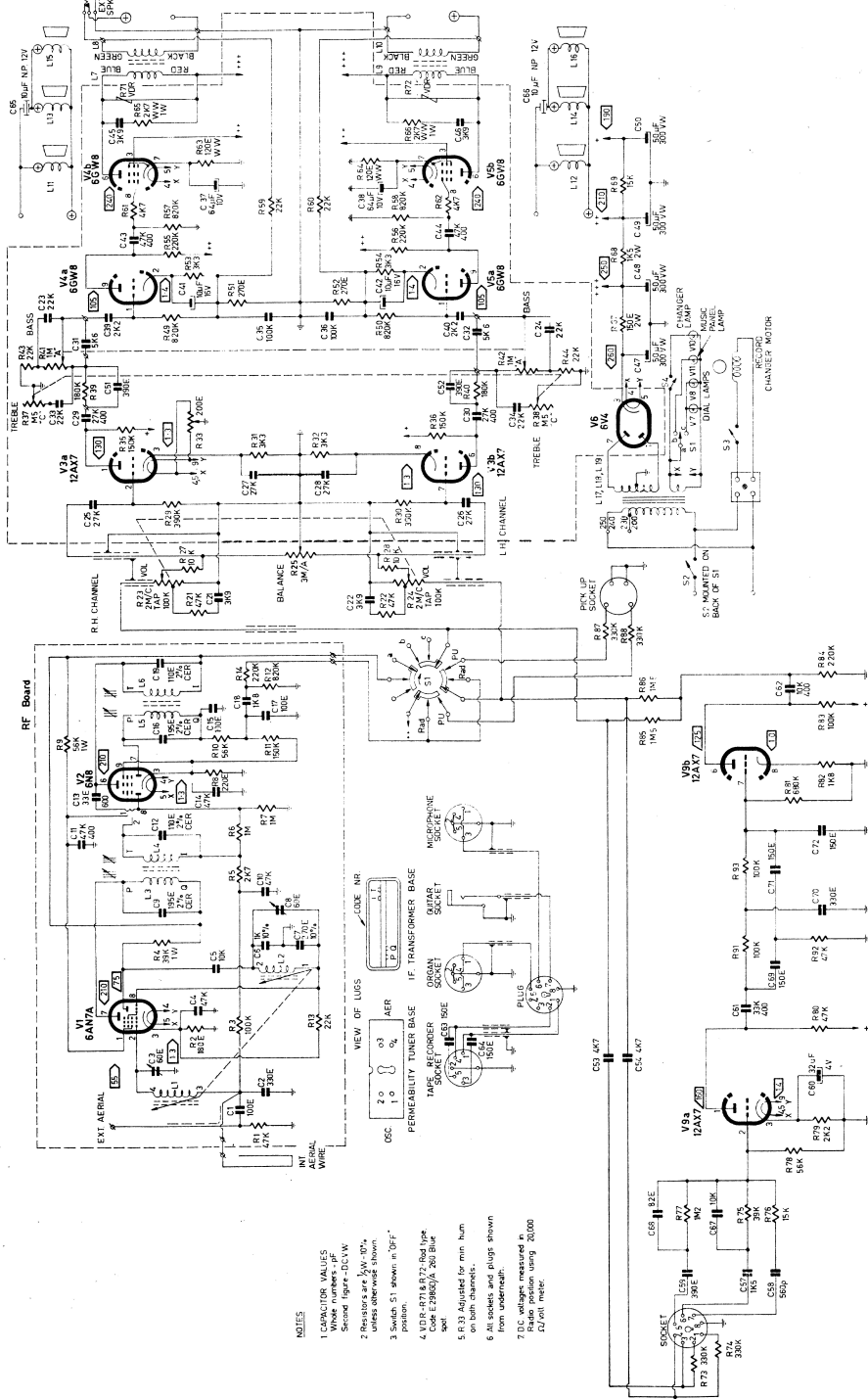


[illegible]

1 CAPACITOR VALUES
Whole numbers = pF
Second figure = DCVW
2 Resistors are $\frac{1}{2}W-10\%$ unless otherwise shown
3 Switch S1 shown in "Off" position.
4 VDR R7 and R72: Rod type Code E 2980/A 250 Blue spot.
5 R33 Adjusted for min on both channels.
6 All sockets and plugs from underneath.
7 DC voltages measured at rail position using DVM meter.

PHILIPS *Service* notes

MODEL RF8

SUPPLEMENTARY SHEET

To be used in conjunction with Model RF8 service data sheet.

Several changes in electrical circuitry have been made since publication of the original service data sheet. These changes have been made progressively, so it is possible to find receivers which incorporate only some of the changes. The circuit drawing in its final form is shown overleaf. As a guide to identification of changes, they are listed in order of introduction together with the reasons why they were made. Details of components not quoted on this sheet are given in the original data sheet.

CHANGE DETAILS.

To increase bass response.

C23 and C24 changed to 22K Polyester, 160V, 10 %
C.296.AA/A22K.

To avoid grid current in 6GW8 triode.

R53 and R54 changed to 3K3 carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS
also note change in V4a/V5a cathode voltage to 1.4V.

Found not to be necessary.

C67 and C68 deleted (note new circuitry).

To modify high frequency response.

added—

R91—100K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

R92—47K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

R93—100K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

C69—150E ceramic, 500V, 10 %, C.304.GB/A150E

C70—330E ceramic, 500V, 10 %, C.304.GH/A330E

C71—150E ceramic, 500V, 10 %, C.304.GB/A150E

C72—150E ceramic, 500V, 10 %, C.322.BC/P150E
value changed—

R81 changed to 680K, carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS.

To correct frequency response after making high frequency response modification as above.

R75 changed to 39K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

R76 changed to 15K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

R77 changed to 1M2 carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

R78 changed to 56K carbon, $\frac{1}{2}$ W, 10 %, 1RC BTS

C57 changed to 1K5 Polyester, 400V, 10 %, C.296.AC/A1K5

C58 changed to 560E Styroseal, 630V, 10 %, Ducon DFB
added—

C67—10K Polyester, 400V, 10 %, C.296.AC/A10K.

C68—82E ceramic, 500V, 10 %, C.304.GB/A82E.

To simplify tape recorder connections.

C53 and C54 changed to 4K7 Polyester, 400V, 10 %, (also changed position).
C.296.AC/A4K7

C63 and C64 changed to 150E ceramic, 500V, 20 %, (also changed position).
C.322.BC/P150E

R89 and R90 deleted.

R73 and R74 changed position.

To reduce hum.

C62 changed to 10K Polyester, 400V, 10 %, C.296.AC/A10K.

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