

# PHILCO MODEL 1201A

## SPECIFICATIONS

### GENERAL DESCRIPTION:

Model 1201A is similar in appearance to Model 1201 and uses the Philco Model M7 "Throw-in-and-Play" gramophone unit. The 110 volt motor of the M7 is energised by a tapping on the primary winding of the power transformer.

### Circuit:

A very efficient five-tube circuit is used having a 7A8 converter stage followed by 7B7 I.F. stage. The second I.F. transformer has a tertiary stabilising winding. A type 7C6 provides diode detection and A.V.C., also triode 1st Audio amplification. This is R.C. coupled to a 6K6 GT/G having an inverse feedback network, part of which is used for tone control.

### TUBES USED

Frequency Converter	..	7A8
I.F. Amplifier	.. ..	7B7
Det. A.V.C., 1st Audio	.. ..	7C6
Output	.. .. .	6K6
Rectifier	.. .. .	7Y4

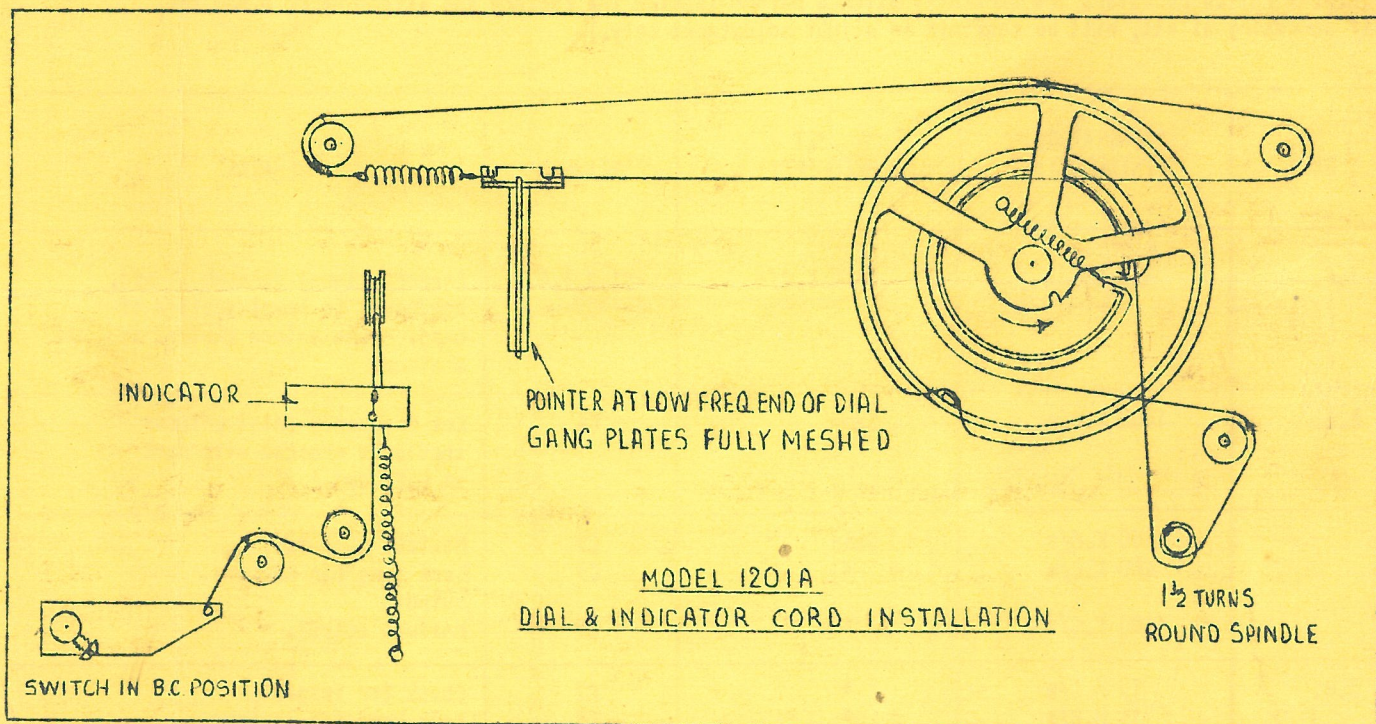
### Tuning band frequencies:

B.C.	-	550 K.C/s - 1600 K.C/s
S.W.	-	9.5 M.C/s - 15.5 M.C/s

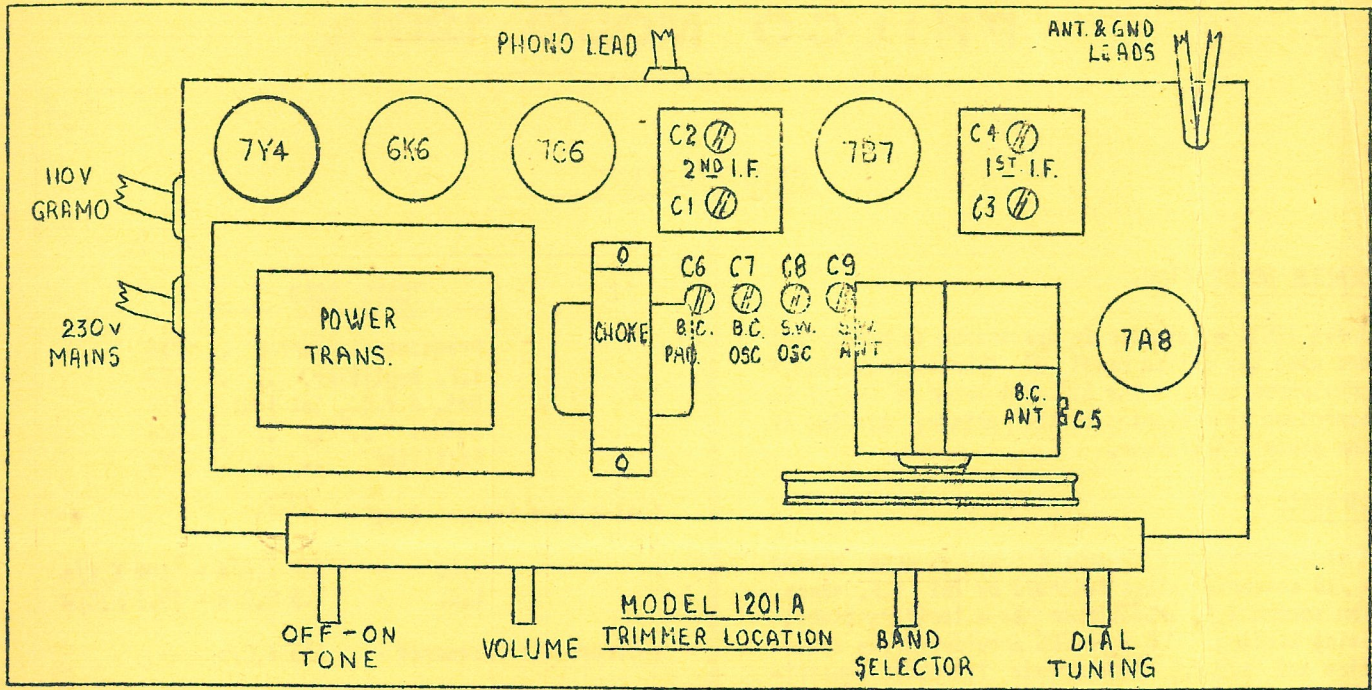
Intermediate frequency - 455 K.C/s

Power Supply - 230 V.A.C. 50 C/s

Power consumption - 75 watts.







ALIGNMENT PROCEDURE

All-wave signal generator. Output meter.

(N.B. - Philco receivers are carefully aligned before leaving the factory and alignment of a new set, if necessary at all, will be confined to slight adjustment only.)

BAND	GENERATOR FREQUENCY:	SET FREQUENCY:	TRIMMER	REMARKS
I.F.	455 K.C/s	1600 K.C/s	C1,2,3,4.	Connect signal through .1 mfd. condenser to front section of gang. Turn volume control to maximum.
B.C.	1400 K.C/s	Same	C6	Set frequency (dial pointer should be checked with mark at L.F. end.)
	1400 K.C/s 600 K.C/s	Same "	C9 C5	Maximum output. Rock gang for maximum output.
	1400 K.C/s	"	C9	Maximum output.
S.W.	15 M.C/s 14 M.C/s	" "	C7 C8	Check for image. Rock gang for maximum output.

N.Z. PHILCO 1201A  
 DRAWN 6-4-48  
 CHECKED 7-4-48  
 APPROVED No 1819A



