

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

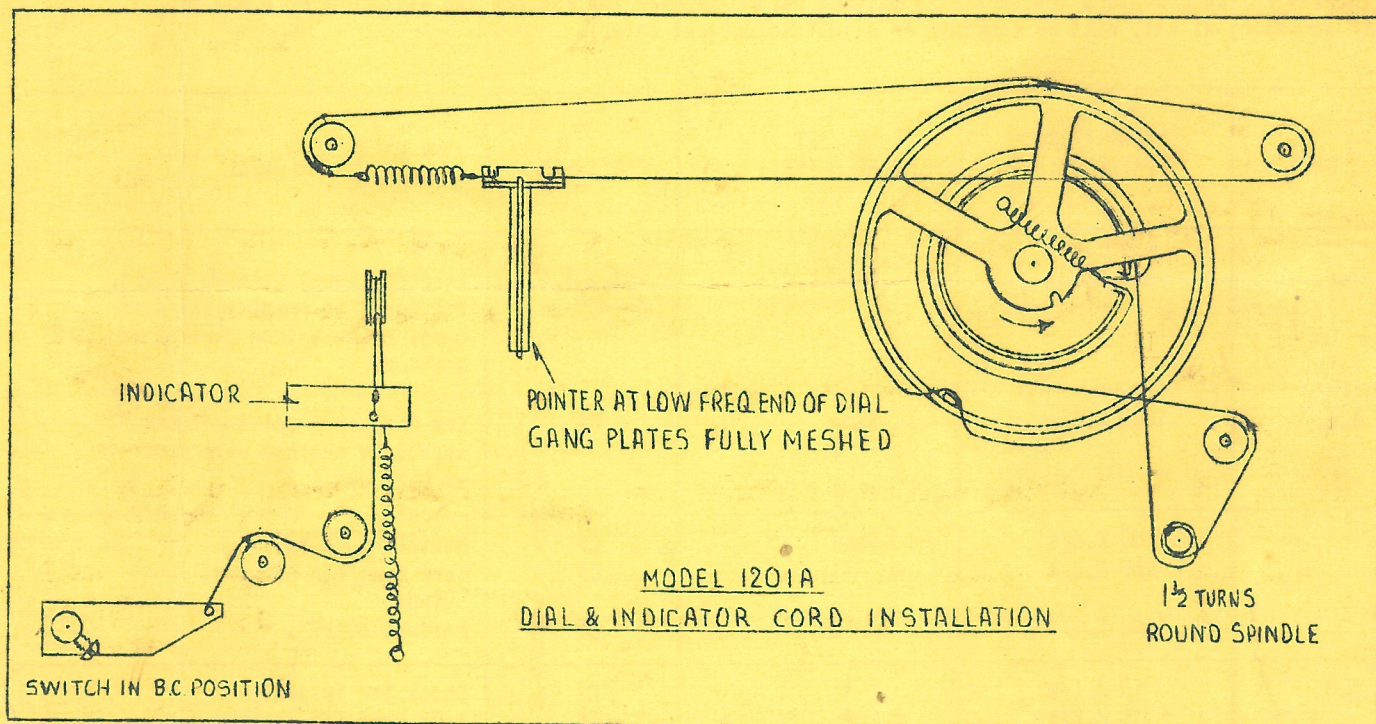
Tuning band frequencies:

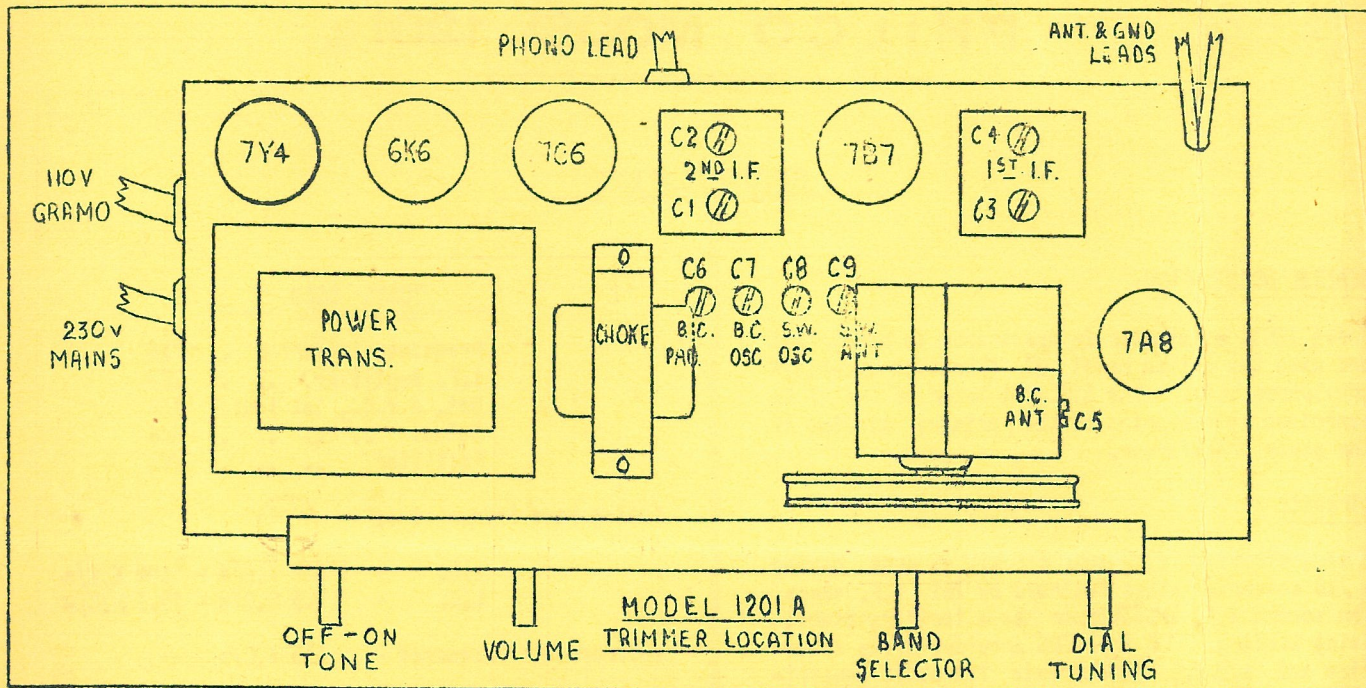
B.C.	-	550 K.C/s - 1600 K.C/s
S.W.	-	9.5 M.C/s - 15.5 M.C/s

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 1400 K.C/s	Same " "	C9 C5 C9	Maximum output. Rock gang for maximum output. Maximum output.
S.W.	15 M.C/s 14 M.C/s	" "	C7 C8	Check for image. Rock gang for maximum output.

