

PHILCO MODEL 1051

SPECIFICATIONS

GENERAL DESCRIPTION:

Model 1051 is a De Luxe Radio-Gram, incorporating a 3 R.C.532 record changer and a nine tube A.C. Superheterodyne receiver with five tuning ranges including two bandspread bands.

Also incorporated in the receiver is the "Radio Nurse" feature which is in effect an inter-communication unit and can be used as such.

TUBE COMPLEMENT:

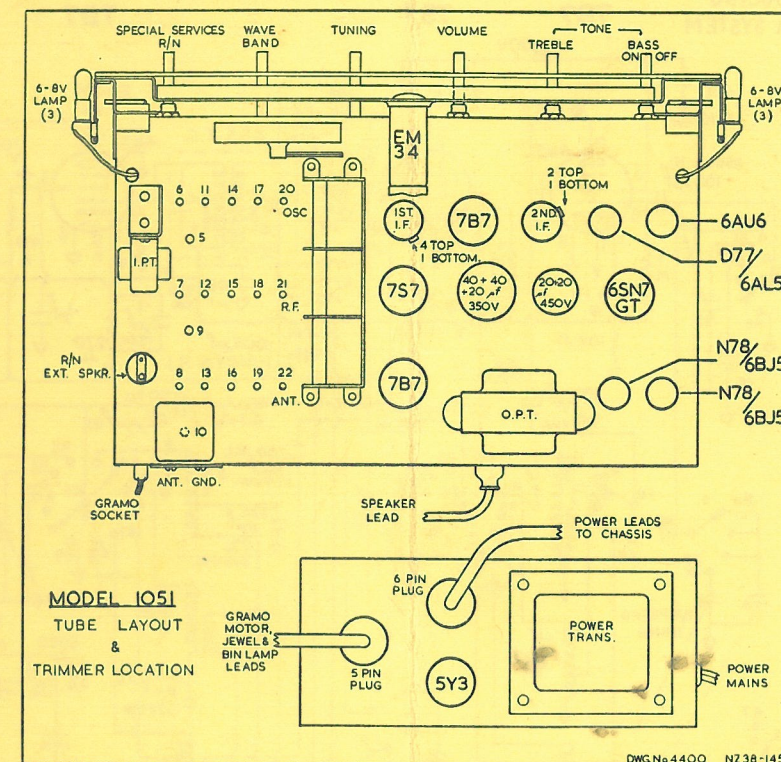
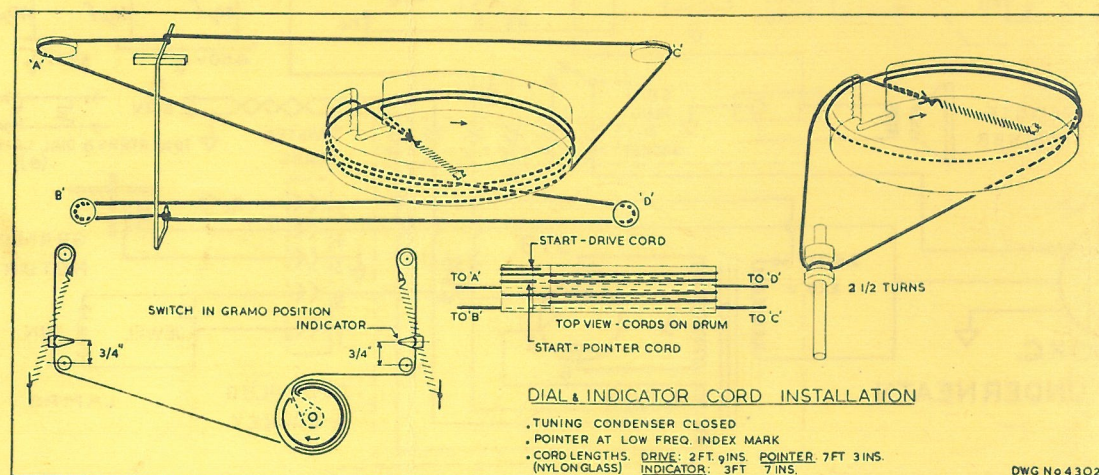
7B7—RF Amplifier.
7S7—Converter.
7B7—I.F. Amplifier.
77/6AL5—Double diode Det. & A.V.C.

6AU6—Audio Amplifier.
6SN7—Phase Inverter.
N78/68J5—Triode Output in push-pull.
5Y3—Rectifier.

BAND COVERAGE:

Broadcast — 535—1600 K/cs.
Shortwave 1 — 2.5—7.5 M/cs.
Shortwave 2 — 7.5—22 M/cs.
Bandspread 1 — 9.4—12 M/cs.
Bandspread 2 — 15—18 M/cs.
Power Supply: 230 volts A.C.
Power Consumption: 95 watts.

Service information on the record changer is contained in the Collaro Service Manual. For Dial Cord installation refer to Model 852.



ALIGNMENT PROCEDURE

EQUIPMENT REQUIRED:

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

1. Connect output meter to convenient source of audio, say across the terminals of the high output transformer using the high range of the meter.

2. A Standard dummy aerial should be used or if this is not available a 200 mfd-condenser in series with the generator lead for broadcast frequencies and a 400 ohm resistor in series for short wave alignment.

3. Use lowest output of generator consistent with a readable deflection of the output meter.

4. Carry out the alignment in the order set out in the following table:

NOTE: The image signal will be found .91 m/cs higher on the generator scale or .91 m/cs lower on the receiver dial scale.

BAND	GENERATOR FREQUENCY:	RECEIVER FREQUENCY:	TRIMMERS	DUMMY	REMARKS
I.F.	455 K/cs	1600	1-2-3-4	.1 mfd	Connect generator to large
B.C.	1400 "	1400	6-7-8	Standard	centre section of gang.
B.C.	600 "	600	5-9-10	"	Repeat after adjusting C8.
S.W.1.	6 M/cs	6 M/cs	11-12-13	"	Roll gang.
S.W.2.	18 "	18 "	14-15-16	"	} Check for image freq.
B.S.1.	11 "	11 "	17-18-19	"	
B.S.2.	16 "	16 "	20-21-22	"	

