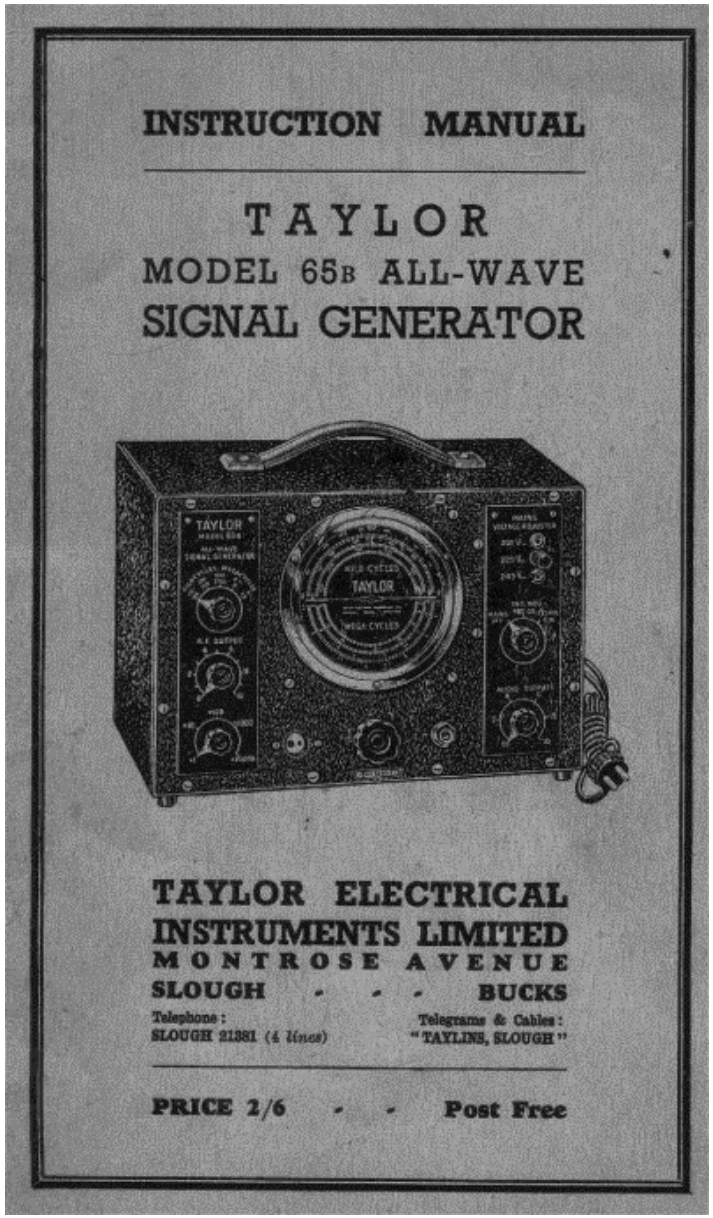


INSTRUCTIONS

TAYLOR MODEL 65B

ALL-WAVE SIGNAL GENERATOR

1. This instrument is a multi-range Radio-frequency Signal Generator covering a wide frequency range. The attenuators give a smooth control of output at all frequencies and an audio-oscillator gives internal modulation of the R.F. output when required. The modulator output is also available for testing, an output control for which is also provided.

The instrument is operated from A.C. Mains, 110 and 200–250 Volts, 40–100 Cycles.

MAINS ADJUSTMENT.

2. Before the instrument is put into use the mains voltage and frequency must be ascertained.

The mains adjuster on the right-hand side has three positions, marked 110, 210 and 240 Volts respectively. The bakelite screw should be screwed into the socket most nearly corresponding to the mains voltage. For mains voltages of 100–120 use the 110 V. socket, for 200–225 volts use the 210 V. socket, and on 226–250 volts mains use the 240 V. socket.

CONTROLS.

3. The instrument has six panel controls :—

(a) **Wave-Band Selector.** The switch on the top left-hand side has five positions :

(1) 100–300 Kc.
(2) 300–900 Kc.
(3) 900–2700 Kc.
(4) 2·7–8 Mc.
(5) 8–23 Mc.

The wavelength equivalents of these frequencies can be obtained from the Appendix on page 9.

(b) and (c) **Attenuators.** Under the wave band selector are the two Attenuator controls. The upper control is the fine Attenuator and is calibrated from 0 to 10. The lower control has five positions marked from 1 to 10,000 and is the coarse Attenuator. The R.F. output in Microvolts is given very approximately by the product of the settings of these two controls.

(d) **Tuning Control.** This is the knob in the centre of the instrument immediately under the Frequency Dial. This is connected to the tuning condenser by a slow-motion drive.

(e) **Output Selector.** This is the control on the right-hand side under the Mains Voltage Adjuster. This has three settings :

(i) **Mains Off.** In this position the instrument is switched off.

(ii) **Int. Mod. and 400 c.p.s.** In this position the modulating valve is oscillating at 400 c.p.s. and the R.F. output is modulated at this frequency to a depth of approximately 30%. 400 c.p.s. output is also available on this setting from the socket at the right-hand side of the tuning control.

(iii) **Ext. Mod. and C.W.** On this setting the generator can either be used to generate C.W. (Unmodulated R.F.) or can be modulated by an external oscillator. When used on external modulation the modulating valve acts as an amplifier and the modulating input should be connected to the socket to the right of the tuning control. About 5 volts R.M.S. input are required to give 30% modulation depth.

(f) **Audio Output.** This controls the 400 cycle output and is calibrated 0–10. The maximum output is about 1 Volt and the maximum output impedance is 10,000 Ohms.

OUTPUT SOCKETS.

4. There are two Output sockets on the instrument panel.

(a) **R.F. Output.** The left-hand two-pin socket is used for all Radio frequency tests. The larger socket is connected to Earth and the smaller socket is connected to the Attenuator through a 0·01 mfd condenser. This condenser protects the Attenuator against any D.C. Volts that may be present at the point where the R.F. is being injected.

(b) **Audio Output.** The right-hand telephone type jack is used for either 400 cycles output or for audio frequency input when the generator is to be used with an external source of modulation.

FREQUENCY DIAL.

5. The dial has six semicircular scales, the three upper scales being marked in Kilocycles, and correspond to ranges 1, 2 and 3. The three lower scales are marked in Megacycles and the two outer scales correspond to ranges 4 and 5 and the innermost scale is the second harmonic of range 5.

OUTPUT LEAD.

6. A screened output lead is suppled with each instrument about 3-ft. long, and having a two-pin plug at one end and two leads fitted with small crocodile clips at the other end. The red lead is the output lead and the black lead is the earth lead and is connected to the screen on the output lead. When plugged in to the generator the earth lead is connected to the case of the generator. It is important to remember this when testing Universal sets, which often have the chassis connected to one side of the mains.

The output lead must be plugged in to the socket to the left-hand side of the tuning control. A plug is also supplied for use in the audio output socket.

DUMMY AERIAL.

7. When the generator is used to adjust the aerial trimming condensers of radio receivers it is advisable to use a dummy aerial in the Output circuit. A special Taylor Output lead complete with dummy aerial is available, and this gives an output impedance that closely resembles that of the average aerial.

OPERATION.

8. First check up the mains supply making sure it is A.C. of any frequency between 40 and 100 cycles and screw in the mains adjusting insulated screw in the correct socket. Now plug the generator into a mains socket and turn the top right-hand switch to either the "INT. MOD" or "EXT. MOD" positions.

A dial light behind the frequency dial should now light up and in a minute the valves will have warmed up and the generator will be ready to use.

(a) **R.F. Output.** Plug in the screened output lead into the left-hand socket, taking care that the plug is put into the socket the right way round and the thick pin is placed into the larger socket. The red-coloured lead with the crocodile clip is the R.F. output lead and the

other lead is the Earth lead. Normally the Earth lead is clipped on to the chassis of the receiver being tested and the R.F. lead is coupled to the aerial terminal.

(b) **Audio Output.** Dismantle the special plug supplied and join two leads to the two contacts. The lead making contact with the outside of the plug barrel should be connected to Earth and the lead making contact with the tip of the plug is the Audio output lead. Reassemble the plug and it is then ready to plug into the right-hand socket.

SCREENING.

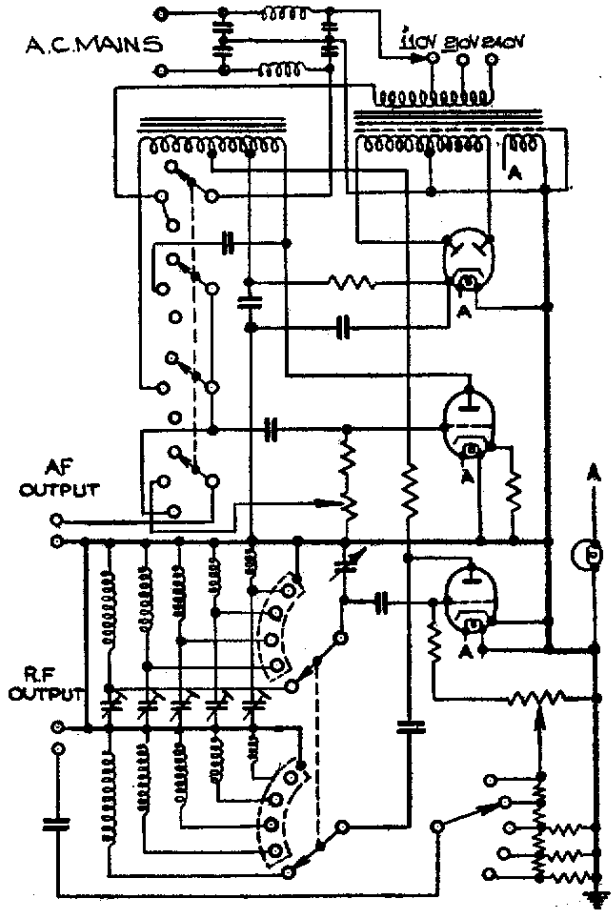
9. The instruments are well screened, and when used at a distance of a foot from the average receiver, with the output lead removed from the generator, practically no direct pick-up should be obtained on any wave-band.

MAINS CONSUMPTION.

10. The average mains consumption of these instruments is approximately 10 watts.

TAYLOR MODEL 65B

CIRCUIT DIAGRAM



APPENDIX I.

ADJUSTMENT OF RECEIVERS AND AMPLIFIERS.

One of the chief functions of a signal generator is to supply a radio signal for receiver testing and adjustment. The procedure of adjustment of trimmers varies considerably with different types of receivers and a few simple examples will be given of its use.

3 VALVE T.R.F. RECEIVER

1. The average receiver of this type employs a two-ganged variable condenser. One section tunes the grid circuit of the R.F. valve and the second section the grid circuit of the detector valve. To adjust the condenser trimmers on the medium wave-band set the receiver to a frequency of, say, 1300 Kc. and plug in the generator and connect the output lead to the aerial and earth terminals. Set the generator to 1300 Kc. and adjust the attenuators for maximum output. Switch on the generator to INT. MOD. and, as soon as it has warmed up, a 400 cycle note should be audible in the speaker. Adjust first the aerial condenser trimmer and then the detector trimmer for maximum volume. As the volume of sound from the speaker increases reduce the output of the generator and make the final adjustments with a minimum of R.F. input. It is preferable to use a dummy aerial for all adjustments to the aerial trimmers, as already explained in paragraphs 6 and 7. A suitable output meter is a more reliable guide to the best settings of the trimmers, as the human ear cannot be relied upon to detect small changes in sound output. Any Taylor Universal Meter can be used as an output meter and it is only necessary to set the meter on any low A.C. Volt range and connect the leads across the speaker transformer secondary. The trimmers are then adjusted for a maximum meter reading.

Having adjusted the high frequency end of the medium wave-band the receiver should then be checked at the low frequency end and the dial calibration and sensitivity checked. When adjustable iron cores are used in a receiver it may be possible to improve the sensitivity at the low frequency end of the scale by adjusting one or the other until the maximum sensitivity is obtained.

The same method of adjustments should be used to obtain the maximum amplification on the other wave-bands.

4 VALVE SUPERHET RECEIVER.

2. The most common circuit employed uses the four valves as follows :—

(1) Frequency changer.

(2) I.F. Amplifier.

(3) Diode Detector and Output.

(4) Rectifier.

It is essential to know the correct I.F. of the receiver and this can usually be obtained from the manufacturer's Service Sheet, or from Appendix III in this manual. Set up the generator on this frequency and couple the output leads to the top cap of the Frequency Changer and chassis. Switch the generator to INT. MOD. and maximum output, and as soon as the valves have warmed up the characteristic 400 cycle note will be heard in the speaker. Adjust first one and then the other I.F. trimmer condenser for maximum output, preferably using an Output meter or A.C. Voltmeter across the speech transformer.

After adjusting the I.F. stage to maximum sensitivity the Output of the generator should be connected to the aerial and earth terminals of the receiver, which should be set at the high frequency end of the medium wave-band. The generator should then be adjusted to supply this frequency and the trimmers on the tuning condensers adjusted to give the maximum output. The smallest possible input should be used that will give a reasonable deflection on the most sensitive range of the output meter, and thus avoid the tendency caused by the A.V.C. system to maintain the output constant.

On receivers with more than one wave-band padding condensers are used in the oscillator circuit of the frequency changer stage. These should be adjusted with the generator to give the maximum sensitivity at the low frequency end of each wave-band. If the padding condenser settings are altered it will usually be necessary to re-adjust the tuning condenser trimmers at the high frequency end of the wave-band as one adjustment tends to interfere with the other. Receivers working on more than one wave-band usually have a separate trimming condenser for each section of the tuning condenser for each wave-band. Thus a receiver with a 3-ganged condenser working on four wave-bands has 12 trimming condensers and 4 padding condensers to adjust besides, of course, the I.F. circuits.

LOW FREQUENCY AMPLIFIERS.

3. To test L.F. Amplifiers the instrument should be set on 400 c.p.s. and the output from the right-hand socket applied to the input terminals of the amplifier.

The output of the generator can be varied by the bottom right-hand control from 0–1 volts.

For more detailed instructions in the use of Signal Generators we recommend the user to refer to the many books on Radio Servicing now published and in particular to the following :—

Title.	*Author.*	*Publishers.*
Practical Wireless Servicing Manual	F. J. Camm ...	George Newnes, Ltd.
Introducing Radio Receiver Servicing	E. M. Squire ...	Pitman & Sons, Ltd.
Radio Receiver Servicing and Maintenance	E. J. G. Lewis	Pitman & Sons, Ltd.
Wireless Servicing Manual	W. T. Cocking	Iliffe & Sons, Ltd.
Testing Radio Sets ...	J. H. Reyner ...	Chapman & Hall, Ltd.

APPENDIX II.

FREQUENCY CONVERSION TABLES

Metres.	*Kcs.*	*Metres.*	*Kcs.*	*Metres.*	*Mcs.*	*Metres.*	*Mcs.*
3000	100·0	650	462	110	2·73	19	15·78
2900	103·4	600	500	100	3·00	18	16·67
2800	107·1	550	546	95	3·16	17	17·65
2700	111·1	500	600	90	3·33	16	18·75
2600	115·4	450	667	85	3·53	15	20·00
2500	120·0	400	750	80	3·75	14·5	20·7
2400	125·0	350	858	75	4·00	14	21·4
2300	130·4	300	1000	70	4·29	13·5	22·2
2200	136·4	290	1034	65	4·62	13	23·1
2100	142·9	280	1071	60	5·00	12·5	24·0
2000	150·0	270	1111	55	5·46	12	25·0
1900	157·8	260	1154	50	6·00	11·5	26·1
1800	166·7	250	1200	48	6·25	11	27·3
1700	176·5	240	1250	46	6·52	10·5	28·6
1600	187·5	230	1304	44	6·82	10	30·0
1500	200	220	1364	42	7·15	9·5	31·6
1400	214	210	1429	40	7·50	9·0	33·3
1300	231	200	1500	38	7·89	8·5	35·3
1200	250	190	1578	36	8·33	8·0	37·5
1100	273	180	1667	34	8·82	7·5	40·0
1000	300	170	1824	32	9·37	7·0	42·9
950	316	160	1875	30	10·00	6·8	44·1
900	333	150	2000	28	10·71	6·6	45·5
850	353	140	2143	26	11·54	6·4	46·9
800	375	130	2308	24	12·50	6·2	48·4
750	400	125	2400	22	13·64	6·0	50·0
700	429	120	2500	20	15·00	5·8	51·7

This list of Intermediate Frequencies has been included in this Instruction Manual by kind permission of the Editor of "Electrical Trading & Radio Marketing."

APPENDIX III.

INTERMEDIATE FREQUENCIES.

This list covers models going back to the first commercial superhets and has been submitted, where possible, to the makers for checking. Frequencies thus : 465, 473, are alternatives, but 123-127 indicates the circuits should be staggered over the band indicated. Sometimes the frequencies for each circuit in a "staggered" set are shown thus : 127-123-123-127.

ACE

	Kcs
RG3	470
RG5	427
RG6	427
S6	125
SH6	125
RG7	427
RG8	470
RG9	427
AW35	470
AW53	427
AW53B	427
AW73	427
AC85	470
AW94	427
AW115	470
AW563	427
AC939	450

AERODYNE

Aerogram	125
Aeromagic	125
Cardinal	125
Falcon	125
Silver Wing	125
Swallow	125
42	125
47	125
50	125
53	125
54	465
56	125
58	125
63	465
73	125
100	117.5
105	465
110	117.5
115	465
135	465
290	465
291	465
295	465
300	117.5
305	117.5

ALBA

AC Superhet	473
5V Bat. SH, 1934	473
Clipper	470
5V Superhet	473
Superhet 6	473
35	470
40 Universal	370
56	473
57 AC and Universal	117.5
67	473
68 AC and Universal	117.5
78	473
79 AC and Universal	117.5
90	465
98	365

ALBA—Cont.	Kcs
230	117.5
315	117.5
320	460
330	117.5
335	460
340	470
450	117.5
455	460
510	470
540	117.5
550 AC and Universal	117.5
605	465
610	470
615	117.5
620	117.5
625	117.5
635	460
640	117.5
650	117.5
660 AC and Universal	117.5
670	117.5
698	365
710	470
725	117.5
730	470
740	117.5
745	470
755	470
770 AC and Universal	117.5
790	465
798	365
805	117.5
810	470
815	117.5
818	470
820	117.5
825	117.5
830	470
835	460
845	470
850	117.5
855	470
870 and Universal	117.5
880 and Universal	117.5
890 and Universal	117.5
905	465
910	117.5
920	117.5
930	460
970	117.5
990 and Universal	117.5

ALLWAVE

Standard Superhet, 1935	465
Standard Superhet RG	465
Tallboy RG, 1935	465
Ambassador 6778	465

AMPLION

Radiolux Superhet	110
Radiolux Superhet RG	110

ARMSTRONG

	Kcs
5V 7 stage	110
5V 8 stage	110
RF/PP	465
RF/PR	465
2B/PR	118
2B/T	118
3NBP/8	457
3NBP/8 Late model	470
3NBP/10	427
3WT/PB	427
AW3/PB	427
AW/38	465
4B/PR	118
4B/T	118
AW/36	465
AW/59	470
AW93PP	427
RF94PP	427
AW125PP	470
SS10	465
3NWT	450
3NBP/T	427
U3NBP/T	427

ATLAS

758	117.5
A13	126
A17	126
A24	126

BEETHOVEN

Baby Grand	450.5
Little Progidy AC	450.5
Little Progidy, Bat.	450.5
Twin Speaker all Electric Superhet	118
AC40	450.5
AC42	450.5
B43	450.5
AC77	118
B88	118
PBA201	450.5
AD303	450.5
AD404	450.5
RG717	118
AC720	450.5
B730	450.5
AC740	450.5
PBB750	450.5
AD770	450.5
PBA780	450.5
RG827	118
PBA820	450.5
B848	450.5
AC852	450.5
909	450.5
909AC	450.5
RG938	450.5

BELMONT

	Kcs
520	465
525	465
530AC/DC Midget	456
541	456
544	465
545	465
555	465
566	465
570P	465
600	465
625	465
650	465
700	465
720	465
721	465
746	465
755	465
760P	465
770	465
780	465
781	465
800	465
820	465
821	465
845	465
856	465
860P	465
900	465
1100	465
1150	465

BENSON

AWP Midget P'table	470

BLUE SPOT

Aristocrat	465
A67	465
A68	465
A69	465
AC5	110

BRUNSWICK

BCA/01	456
BCA/1	456
BCW/01	456
BGA/01	456
BGA/1	456
BGA/1E	456
BGA/2	456
BGA/3	465
BGCA/01	456
BGCA/1	456
BGCA/3	465
BGU/01	456
BPU/1	456
BTA/01	456
BTA/1	456
BTA/1E	456
BTA/2	456
BTA/3	465
BTB/1	456
BTU/01	456
39CGM	465
39EH	120
39TGM	465
40	465
40U	465
42	380
42D	380
43D	380
45	380

BRUNSWICK—Cont.	Kcs.
47	380
47U	380
50	465
51	465
54	465
56	465

BTS

Trophy 5	465

BURGOYNE

AW47	473
AWS	473
AWS/G	473
BSH	117.5
DTG	473
Dragon	437
Dragon AC Recordagraph	473
Dragonette	473
Superhet 5, B5	117.5

BURNDEPT

Ethodyne 209	473
Universal Trans.	130
Universal Superhet	473
201	130
203	473
209	473
210	473
211	473
218	130
225	130
226	117.5 130
229	130
231	130
233	450
257	130
259	473
266	473
267	473
276	473
281	473
285	473
290	473
292	450
298	473
299	473
303	473
309	450
312	473
313	473
314	473
315	473
316	473
317	473
318	465
319	465
323	465

BURRELL

4Y Superhet	110

BUSH

DAC1	123
SAC1	123
SUG1	123
SB1	123

BUSH—Cont.	Kcs
TG1	123
SB3	123
SAC4	123
SB4	123
BP5	123
SAC5	123
SAC6	123
SAC7	123
DAC21	123
DUG21	123
SAC21	123
SB21	123
SAC25	123
SAC31	123
SAC35	123
SUG31	123
RG33	465
SSW33	465
SUG33	465
RG37	465
SSW37	465
SUG37	465
RG41	465
SW41	465
BA43	465
DAC43	465
DUG43	465
RG43	465
SUG43	465
SUG43G	465
SW43	465
SB44	123
SW45	465
PB50	465
BA51	465
DAC51	465
DUG51	465
PB51	465
RG52	465
RG52G	465
SUG52	465
BA53	465
DAC53	465
PB53	465
RG53	465
PB55	465
SUG55	465
PB60	465
BA61	465
PB61	465
SUG61	465
DUG62	465
BA63	465
DAC63	465
PB63	465
RG63	465
RG63 Auto	465
RG64	465
RG64G	465
SUG64	465
PB65	465
SUG65	465
BP70	465
BA71	465
DAC71	465
DAC73	465
DUG73	465
PB73	465
SUG73	465

CAC

Austin Superhet AC	110
Austin Bat. 5	110

CAMEO

	Kcs
AC Cameo	430
All Wave	430
Atom	430
Bookcase RG	430
Cameo	430
Cameogram	430
Emergency	430
Super Midget 4	430
ABX	430
ARP	430
AWP	430
P	430
RP	430
RP9	430
TW	430

CLIMAX

AC5	115
AC/DC5	115
S4AC	121
S5	115
534	111

COLUMBIA

356	125–128
357	125
358	125
380	125
621	125
631	125–128
640 and 640A	125
1006	125

COSSOR

31	465
32	465
33	465
34	465
35	465
37	465
AD41	465
46	465
47	465
53	465
55	465
56	465
57	465
61 (SW 1363)	465
62, 62B	465
63	465
64, 64B	465
66, 66A	465
67	465
67A	465
70	465
71, 71B	465
72	465
73	465
74	465
77, 77B	465
81	465
85	465
338 and 348 SW only	1563
364	128
365	128
366	128
366A	128
374	128
375	128
375U	128
376B	128

COSSOR—Cont.

385	128
394	465
395	465
396	465
397	465
398	465
438 (SW 1363)	465
438U (SW 1363)	465
439	465
483 (SW 1363)	465
484 (SW 1363)	465
484U (SW 1363)	465
485	465
535	128
538	465
583	465
584	465
584U	465
598	465
634	128 or 134
635	128 or 134
736	128
737	128
836	128
837	465
3733 SW only	1563
3764	465
3774	465
3783 SW only	1563
3864	465
3884	465
3952	465
3974	465
3974A	465
6864	465
6874	465

CROSLEY

Roamio	455
A358	455
5C2	181.5
538BT	450
638T	450
848C	450
848CU	450
848R	450
848RU	450
848T	450
848TU	450
1058AR	450
1058T	450

DECCA

Twin S/het R/GAC6	183
AW3	380
AW3P	380
AW4 341	465
AW6	465
AW6V	465
Decca-Brunswick 6V RG (Med W only)	183
AW7	465
AW8	465
AW9	465
AW10	465
AWD47	380
AWG16	465
ML	465
MLB	465
ML4	380
ML5 and 42	380
ML6	465
ML6U	465

DECCA—Cont.

MLD/3	380
MLD/5	380
PC/AW	465
PC/ML	465
PG/AC	465
PG/AW	465
PG/ML	465
PG/U 450	465
PT/AC5	456
PT/AW	465
PT/B5	465
PT/M 125	465
PT/ML	465
PT/ML/B	465
PT/ML/U 450	465
PT/U	465
PAW5	465
UAW78	465
Double Decca MB5	380
Portrola	130
Portrola AC/DC1939	465
44	465
55	465
56	465
Prestomatic	465
66	465
77	465
88	465
88U	465
99	456
110	456
120	456
180	130
190	130
350	465
400	130
405	130
500	130
510	130
520	456
530	456
540	456
550	130
919	130
1010	130
1111	130
1616	130
4040	130
4141	130
4242	130
4343	130

DRUMMER

M45	117.5

EKCO

C25	110
RG25	110
SH25	110
AC64	110
DC64	110
AD65	110
B67	126.5
BV67	126.5
AW69	126.5
BAW69	126.5
C69	126.5
CU69	126.5
UAW69	126.5
AW70	126.5
UAW70	126.5
BAW71	126.5

EKCO—Cont.

AC74	110
B74	110
DC74	110
AD75	480
AC76	130
AD76	130
AC77	126.5
AD77	126.5
CT77	126.5
CTU77	126.5
BAW78	460
BV78	460
C78	460
UAW78	460
RG84	110
AC85	110
B86	130
AC86	130
AD86	130
B86	110
RG86	130
AW87	460
CTA87	460
AW88	126.5
C88	126.5
UAW88	126.5
ADT95	110
BT95	110
ACT96	130
AC97	126.5
RG97	126.5
AW98	126.5
BAW98	126.5
ARG107	126.5
AW108	460
RG109	126.5
AW119	126.5
UAW119	126.5
P150	465
PB179 465	480
PBU179 465	480
PB189	126.5
PBU189	126.5
PB199	480
PB279 465	480
PB239	126.5
C389	126.5
ARG399	480
RG489	126.5
C501	126.5
TRG502	126.5
PB505	477
PBU505	477
PB506	477
PBU506	477
PB507, 508 (If red serial No. 465)	477
C509	465
CU509	465
PB510	126.5
C511	126.5
PB515	126.5
RG516	126.5
EX401	126.5
EX402	480

EVER READY

5001	127
5002	127
5003	127
5004	127
5005	127
5006	127
5007	127

EVER READY—Cont.

5008	127
5011	465
5014	465
5019	127
5025	465
5029	455
5030	455
5031	455
5032	455
5033	455
5034	455
5036	455
5038	455
5040	455
5101	452
5103	452
5104	452
5105	473
5117	452
5118	452
5122	473
5132	473
5203	452
5214	452
5215	452
5216	452
5218	452
5219	452
5221	473
5247	452
5263	452
5347	452
5380	452
5381	452

EMERSON

301	455
330	455
331	455
332	455
336	455
351	455
353	455
376	455
400	455
414	455
415	455
419	455
421	455
422	455
425	455
439	455
441	455
461	455
463	455

FERGUSON

Fergusonic AC/DC Batt.	470
101, 101U, 101UX	470
Fergusonic Mains Minor	470
101	470
101U	470
103B	470
104	470
104 AC6	470
106	470
350	456
365	465

FERGUSON—Cont.

366	456
378	465
378U	456
501	456
502	456
502C	456
502RG	456
503	465
503C	456
503CT	465
503RG	465
503RGT	465
503T	465
601	465
602	465
602C	465
602RG	465
603	465
603C	465
603CT	465
603RG	465
603RGT	465
603T	465
701	465
702	465
704	465
705	465
715	465
771	465
772	465
773	465
774	465
775	465
777	465
801	465
802	465
804	465
805	465
815	465
881	465
882	465
884	465
885	465
901	470
901U	470
902	470
902U	470
903B	470
904	470
904U	470
905	470
906	470
907 Fergusonic AC/DC	470
908	470
909	470

FERRANTI

1933/4 Gloria	125
1933/4 Lancastria	125
1933/4 Arcadia	125
1933/4 Battery S/het	125
1934/5 Arcadia AC S/het	125
1934/5 Gloria	125
1934/5 Gloria Arcadia	125
1934/5 Lancastria	125
1934/5 Lancastria Portable	125
1934/5 Lancastria Reflex	125
1934/5 Universal	125
1936/7 Magna AC	125
1935/6 Gloria Autogram	125
1935/6 Nova AC	125

FERRANTI—Cont.	Kcs
1935/6 Nova AC/DC	125
1935/6 Lancastria AC	125
1935/6 Lancastria AC/DC	125
1935/6 Arcadia Cons and RG	125
1935/6 Arcadia AC	125
1935/6 Nova Batt.	125
1936 All Wave S/het	125
1936/7 Nova 2-wave AC	125
1936/7 Nova All-wave	125
1936/7 Nova All-wave Batt.	125
1936/7 Nova All-wave AC/DC	125
1936/7 Magna All-wave AC	125
1936/7 Magna AC/DC	125
1936/7 Arcadia All-wave AC	125
1936/7 Arcadia Console	125
1936/7 Arcadia RG	125
AI	135
48B	125
49B	125
139	450
141	450
239	450
241 and 341	450
512AM	450
513	450
513AM	450
514	450
514PB	450
515PB	450
539	450
617PB	450
837	450
1037	450
1037U	450
1137	450
1137B	125
1137U	450
1237B	125
1737	125
1737 Gram	125
2037	125
2337	450

GAROD

930	456
931 Console	456
930D	456
931D	456
930KC	456
931KC Gram	456
1240	456
1240E Gram	456
1240LC	456
1650	456
1650H Console	456
1650LC Gram	456

GEC

3358	110
3440	107
3441	107
3442	107
3443	107
3444	107
3445	107
3446	125

GEC—Cont.	Kcs
3448	107
3449	107
3460	125
3466	125
3480 and 3480L	125
3484 and 3484L	125
3488	125
3540 and 3540L	125
3541	125
3542	125
3544 and 3544L	125
3545DC5	107
3548	125
3550 and 3550L	125
3551	125
3558	125
3558R and 3558LR	125
3566	125
3640 and 3640L	125
3645	125
3646	125
3650 and 3650L	125
3651 and 3651L	125
3658 and 3658L	125
3659 and 3659L	125
3740	125
3740L	125
3745	125
3746	125
3748RG	125
3748L	125
3750	445
3754	125
3758RG	445
3760	445
3762	445
3766	445
3780	445
3781	445
3782	445
3788 RG/Rec.Ch.	445
3789	445
3846	456
3850	456
3855	456
3856	456
3857	456
3860	456
3860L	456
3862	456
3862L	456
3865	456
3866	445
3867	456
3868	456
3880	445
3882	445
3888	445
3889	445
3890	456
3890L	456
3892	456
3910	456
3918	456
3940	456
3942	456
3946	456
3950	456
3955	456
3956	456
3957	445
3960 and 3960L	456
3964 and 3964L	456
3965	456
3966	445

GEC—Cont.	Kcs
3967	456
3968	456
3969	456
3970	456
3972	456
3978	456
3977	445
3979	445
4010	445
4018	445
4040	456
4045	456
4046	456
4050	456
4050L	456
4051	456
4054	456
4054L	456
4055	456
4056	456
4058	456
4058L	456
4059	456
4060	456
4065	456
4066	456
4070	456
4141	456
4157	445
4166	445
4172	445
4173	445
4177	445
4177U	445
4178	445
4178R	445
4179R	445
4227	430
4237	445
4247	445
4242	445
4262	445
4267	445

GILBERT

Kumfe 2	122.5
A50	110
A63	122.5
C64	122.5
Gordon Elf	430
Cameo AC, DC5	430

HMV

146	456
147	456
166	465
340	456
341	456
381	123-127-125-125
404	128-123-128-125.5
425	123-127-125-125
438	128-123-128-125.5
440	128-123-128-125.5
441	125-125
442	123-127-123-127
443	123-127-123-127
444	125
445	123-127-125-125
446	123-127-125-125
456	465
457	465
458	465

HMV—Cont.	Kcs
459	125
462	125
463	127-123-123-127
464	126.5-121.5-121.5-126.5
467	120-114-117-117
469	465
470	128-125-125-125
479	465
480	460
481	460
482	465
485	460
486	465
487	465
488RG	460
489	465
490	465
491	465
492	465
493	465
494	465
495	465
496	460
497	460
498	460
499	465
505	128-123-128-125.5
512	128-123-128-125.5
523	128-125-125-125
524 and 524A	120-114-117-117
531	125.2
532	125.2
532C	125.2
540	128-123-128-125.5
540A	125
541	125
542	128-123-128-125.5
545RG	123-127-125-125
546	123-127-125-125
570	123-127-123-127
580	122-112-117-117-117-117
581RG	460
582	460
622RG	123-127-125-125
632	123-127-125-125
642	465
645	123-127-125-125
650	465
651	465
653	465
654	465
655	465
656	465
657	465
658	465
659	465
660	465
661	465
663	465
664	465
665	465
666	465
668	465
670	465
671	465
682	465
800 Auto RG	125
801 Auto RG	460
1100	465
1101	465
1102	465
1103	465
1104	465
1105	465

HMV—Cont.	Kcs
1106	465
1107	465
1111	485
1112	485
1113	465
1200	465
1300	465
1301	465
1350	465
1351	465
1351A	485
1354	485
1400	465
1403	465
1404	465
1406	465
1500	465
1501	465
1504	465
1600	465
1601	465
1750	465
5211	485
5212	485
5311	485
5312	485

HALCYON

Briton	130.5
Briton Radiogram	130.5
Nine-Stage AC	110
Royal County	130.5
Seven-Stage Universal	110
Royal Gram and Auto	130.5
A57	130.5
A581	130.5
A5820	130.5
AC5	110
AC6	110
AC7	110
AC7G	110
B691	130.5
GA33	130.5
GR37	130.5
MS6	465
RGA581	130.5
RGCA581	130.5
RGCU6801	130.5
RGU6801	130.5
U57	130.5
U537	130.5
U571	130.5
U573	130.5
U5820	130.5
U6801	130.5
701	110
4501	110
4501G	110
4501GA	110
4701	110
4701G	110
4701GA	110
6701	110

HARTLEY-TURNER

MA	130
MA7	130
MA12	130
MA25	130
RF41	465
RGMA12	130
RGNA25	130

HAYNES

	Kcs
All Superhet Models	110

HIGGS

A48R (and G)	465
A49R	450
AW49C	450
AW49R	450
AW57R (and G)	465
AW58R (and G)	465
AW59C	450
AW59R	450
AW69B	450
AW69G	450
AW69PB	450
AW69PG	450
AW99C	450
AW99G	450
BW49PR	450
BW49R	450
UW57R (and G)	465
UW58R (and G)	465
UW59C	450
UW59R	450
UW69B	450
UW69G	450
UW69PB	450
UW69PG	450

INVICTA

Multi Mains	110
SF	119
SHB	127
UP2	467
A29	465
B29P	465
A40RG	465
A40	465
A40C	465
B39	465
B40	465
U40	465
AC/45	127
AC/45D	127
AC/45RG	127
45U	127
45U/RG	127
A46PB	465
AC/47	127
47B	127
47U	127
47U/RG	127
AC/48RG	127
A49	465
A49C	465
A49PB	465
A49RG	465
AR49	465
B29P	465
B39	465
B49	465
U49	465
AW56	465
AW57	465
AW57/RG	465
300	465
310	465
310/RG	465
330	465
360	465
390	465

INVICTA—Cont.

	Kcs
400	465
430	465
431	465
440	465
450	465
460	465
461	465
500	465
502	465
503	465
510	465
520	465
570	465
580	465
635	110
635 (D)	110
635/RG	110
650/NJ	465
800	469
820	465

ACE-INVICTA

Please refer to "ACE."

KOLSTER-BRANDES

	Kcs
285	114
286	114
339	130
345	130
346	130
363	130
365	130
365A	130
378KB	130
381	130
383	130
398	130
405	130
405A	130
422	130
425	130
426	130
427	130
427A	130
428	130
428A	130
444	130
444A	130
540	130
550	130
560	464
580	130
590	464
592	464
610	130
630	464
632	464
640	464
642	464
650	464
652	464
660	464
666	130
666A	130
666B	130
666C	130
670	464
720	464

KOLSTER-BRANDES—Cont.

	Kcs
730	464
735	464
740	464
740P	464
750	464
760	464
770	464
800	464
808	464
817	464
820	464
830 and OAI	464
831	464
835 and OAI	464
840	464
850	472
860	464
865	464
870	464
875	464
880	464
885 and OAI	464
888 A, B, C	130
890	472
935	130

LISSEN

	Kcs
All Purpose	452
Arundel	452
Balmoral	452
Caernarvon	473
Carisbrooke	452
Conway	452
Dover	473
Edinburgh	473
Glamis	452
Kenilworth	452
Lancaster	452
Marquis	455
Richmond	452
Salisbury	452
Skyscraper 7 (Fixed)	126
Winchester	452
York	452
8060	126
8108	127
8109	127
8110	127
8111	127
8114	465
8116	127
8117	127
8121	127
8125	127
8128	127
8129	127
8169	127
8214	465
8301	455
8302	455
8304	455
8317	455
8318	455
8319	455
8321	455
8322	455
8329	455
8401	452
8402	473
8414, 8415	452
8417	452
8418	452
8421	473

LISSEN—Cont.

	Kcs
8422	473
8424	455
8432	473
8458	452
8468	452
8480	452
8481	452
8482	452
8485	452
8503	452
8514	452
8515	452
8518	452
8521	455
8529	452
8533	452
8539	452
8547	452
8563	452
8647	452

MAJESTIC

4V Midget Superhet	465
15/15B	175
20	175
21	175
22	175
23	175
25	175
44	465
49	465
52	175
60	175
61A	175
120	175
150	175
151	175
153	175
154	175
155	175
156	175
163	175
194	465
261A	125
261B	125
264	125
265	125

MARCONI-PHONE

209	123-127
219	123-127
222	465
223	456
224	456
234	456
236	456
239	123-127
249	123-127
255	125
256	125-128
257	456
258	125-128
262	128-123-128-125.5
264	125
269	125
272	128-123-128-125.5
273	125
274	128-123-128-125.5
276	114-120
278DC	128-123-128-125.5
279	123-127

MARCONIPHONE—Cont.

	Kcs
280DC	128-123-128-125.5
286	128-123-128-125.5
Q286	125
287	125
288	128-123-128-125.5
289	123-127
290	123-127
291	114-120
292	112-122
296	123-127
297	125
298	123-127
345	460
346	460
347	460
363	460
365	460
366	460
367	460
382	465
392	465
395	465
534	465
535	122.5-128.8
536	122.5-128.8
537	465
538	465
539	465
549	465
556	465
557	465
559	465
561	465
562	121.5-126.5
563	465
564	465
566	465
567	465
571	465
572	465
573	465
575	465
576	465
851	465
852	465
853	465
855	465
857	465
857T	465
858	465
859	465
861	465
864	465
865	465
866	465
868	465
869	465
870	465
871	465
872	465
873	465
874	465
878	465
879	465
880	465
881	465
882	465
883	465
884	465
885	465
888	465
890	465
891	465
892	465

MARCONIPHONE—Cont.

	Kcs
893, 893A	465
895	465
911	465
918	485
919	485
920	485
921	485
922	465
950	465

McCARTHY

BPS6	127
BS4	127
BS4/AW	465
BS6/AW	465
PP6/AW	125
PP8/AW	465
PP9/AW	473
PP9/AW De Luxe	473
RF6/AW	465
RF6/AW/AC/DC	465
RF7/AW	465
RF7/AW/AC/DC	465
RGS6	465
S5/AW/AC/DC	465
S5/AW/AC	465
S6/AW	465
S6/AW/AC/DC	465
S8/AW	465
S6/AW/AC/DX De Luxe	110

McMICHAEL

AC Mains Superhet	428.5
Superhet Trans	110
Twin Spkr S/H (Early Models 406/410)	428
135	128.5
135U	128.5
137	465
137U	465
138	465
235	128.5
361	128.5
362	465
363	128.5
364	128.5
365	128.5
366	128.5
368	128.5
369	128.5
371	128.5
371U	128.5
372	128.5
373	128.5
374	128.5
375	465
378	128.5
380	460
380U	460
381	465
382	465
385	460-465
386	460
386RC	460
386RG	460
386U	460
388	465
389	465
390	465

McMICHAEL—Cont.

	Kcs
391	465
393	465
394	465
396	465
396RC	465
396RG	465
398	465
399	465
401	128.5
401U	128.5
435	128.5
535	128.5
802	465
803	465
808	465
903	465

McMURDO-SILVER

Masterpiece VI	465
Masterpiece Chippendale	465
Masterpiece Olympic	465
Masterpiece Sheraton	465
15-17 Chassis	465
15-17 Georgic	465
15-17 Homeric	465
15-17 Olympic	465

MILNES

Diamond (SW 3.1 Mcs.)	465
Emerald (SW 3.1 Mcs.)	465
Mercury	450
Onyx	450
Pearl (SW 3.1 Mcs.)	465
Ruby (SW 3.1 Mcs.)	465
Saturn	450
Venus	450
466 (SW 3.1 Mcs.)	465
466 B (SW 3.1 Mcs.)	465
589 (SW 3.1 Mcs.)	465

MULLARD

MAS2	128
MAS3	128
MBS3	128
MUS3	128
MAS4	128
MBS4	128
MUS4	128
MAS5	128
MUS5	128
MAS6	128
MBS6	128
MUS6	128
MAS7	128
MBS7	470
MAS8	128
MAS12	128
MUS12	128
MAS15	470
MUS15	470
MAS17	470
MUS17	470
MAS18	128
MUS18	128
MAS20	128
MUS20	128
MBS23	128
MAS24	470

MULLARD—Cont.	Kcs
MUS24	470
MU35	115
MAS82	470
MUS82	470
MAS90	128
MUS90	128
MAS94	128
MAS97	128
MUS97	128
MAS103	470
MAS104	128
MAS137	128
MUS137	128
MAS139	470
MXS139	470

MURPHY

A4	117-120
D4	117-120
B5	117
A8	120
A24	117
A24C	117
A24RG	117
B24	117
D24	117
D24C	117
D24RG	117
B25	117-119
A26	117-119
A26C	117-119
A26RG	117-119
D26	117-119
D26C	117-119
D26RG	117-119
B27	119
A28	219
A28C	119
A28RG	119
D28	119
D28C	119
D28RG	119
A30	119
A30C	119
A30RG	119
D30	119
D30C	119
D30RG	119
AD32	119
B33	119
A34	119
A34RG	119
D34	119
D34RG	119
A36	119
D36	119
A38C	119
D38C	119
A40	119
A40C	119
A40RG	119
A46	465
A46C	465
A46RG	465
D46	465
D46C	465
D46RG	465
B47	465
B47A	465
B47C	465
A48	465
A48RG	465
D48	465
D48A	465

MURPHY—Cont.	Kcs
D48RG	465
A50	465
A50C	465
D50	465
D50C	465
A52 (SW 1st 3.1 Mc, 2nd 465 Kc)	465
B69	465
A70	465
A70C	465
A70RG	465
D70	465
D70C	465
D70RG	465
B71	465
B71A	465
A72	465
A72RG	465
D72	465
D72A	465
A74	465
A74C	465
A76	465
A78C	465
A78RG	465
B81	465
A90	465
A90RG	465
D90	465
D90RG	465
B91	465
A92	465

ORR

Multimains	110
SF	119
SHB	127
AC/45	127
45/U	127
AC/47	127
47/U	127
AW/56	465
AW/57	465
635	110
635D	110

PETO SCOTT

Trophy 5	465
Trophy 6	465
Trophy 8	465

PHILCO

Empire 5	451
Empire 7	451
Empire 20	470
4 Star BG	125
5 Star BG	125
5 Star CG	125
A1	470
A1RG	470
B1	465-468
BEF1	465
U1	465
A2	465
B2, B29	451
U2	465
A3	451
A4	451
BP4	465
C4	125

PHILCO—Cont.	Kcs
C4T, C4S	125
A5	451
C5	470
A7	451
A9	451
A9RG	451
16	460
16B	460
34B	460
A52BG	451
A53BG	451
U53BG	451
54	460
56	125
70	260
70A	260
71	125
98/1	460
98/2	451
99	451
116N	460
116Q	460
116RX	470
116S	460
116X	460
200X	175
237	125
238	125
247E	125
248	125
248E	125
255	451
256	125
260	125
261	125
263	125
264	125
265	125
269BG	451
269CG	451
269RG	451
271	125
280	460-451
282	451
281A	125
281F	125
281G	125
282	451
290	451
295	451
322	470
A421	451
U427	451
P429	470
U429BG	475
444	451
450	451
471CG	451
471RG	451
D521	475
D521B	475
D521W	475
S521	475
S521B	475
S521W	475
X521	475
X521B	475
X521W	475
A527	451
C527	451
P527	451
U527	451
D531	475
D531B	475
D531RG	475

PHILCO—Cont.	Kcs
D531W	475
A537BG	451
A537CG	451
A537RG	451
B537	451
C537BG	451
U537BG	451
V537	451
V537BG	451
W537	451
P538BG	470
A539BG	475
A539PB5	474
A539RG	475
580	451
581	451
582BG	451
582CG	451
582RG	451
583BG	451
583CG	451
583RG	451
584BG	451
584CG	451
584RG	451
620	125
A637BG	451
A637CG	451
A637RG	451
A638ARG	470
A638BG	451
C638	470
C638BG	470
CA638	470
U638BG	470
U647BG	451
U647CG	451
680	460
D732	475
D732BG	475
D732CG	475
A847BG	470
A938CG	470
1237	125
1260	125
1263	125
1280	460-451
1280X	460-451
1281	125
1281A	125
1281F	125
1281G	125
1281Q	125
1282X	451
1582ARG	451
1583ARG	451
1584ARG	451
U1647	451
U1647RG	451
A1847RG	470
A2258	470
A2258ARG	470
2620	460
2620A	460
2620E	460

PHILCO CAR RADIO

806+806T	260
801T	260
803T	125
M522T	475
M522S	475

PHILCO CAR RADIO—Cont.	Kcs
Transitone 10+10T	260
Transitone 5	460
Transitone 11+11T	260
C4T	125
C4S	125
K728T	125
K728S	125
L728T	125
L728S	125
K628T	125
K628S	125
L628T	125
L628S	125
K628TC	125
6	260
9	260
12	260

PHILIPS

V5A	128
V7A	128
V7U	128
206H, 206A	470
212B	128
218B	128
219B	128
225B	470
228B	470
229B	470
241	115
243	115
245	115
246	115
247	128
248	128
249	128
250	128
258	470
259	470
260	470
261	470
262	470
263	470
264	470
265, 265B	470
268	470
269	470
361A	475
361U	475
362A	475
362U	475
470A	128
470U	128
480A	128
480L	128
520A	115
522A	115
539A	115
555A	128
555U	128
575A	115
580A	115
584A	115
585HU	115
585U	115
587U	115
587HU	115
588A	115
588U	115
597A	128

PHILIPS—Cont.	Kcs
597U	128
599A	128
617L, 617A	128
650A	470
658U	470
660A	470
668U	470
680A	128
691A	128
691U	128
698A	128
698U	128
699A	128
699U	128
701AX	128
702A	128
702U	128
711A	128
714B	128
716B	128
727A	128
727U	128
735A	128
735L	128
745A	128
745U	128
747A	128
747AX	128
748A	128
748U	128
753A	470
753U	470
771A	475
771U	475
785AX	128
787AX	128
790A	128
790U	128
791A	128
791U	128
792A	128
792U	128
794A	128
794U	128
795A	128
795U	128
797A	128
797U	128
805A	470
805X	470
855X	470

PILOT

Armchair Control	456
Little Maestro	451
Major	451
Twin Miracle	451
B34	451
C35	451
RG35	451
T35	451
PT36	451
PTC36	451
B43	451
53	451
C53	451
RG53	451
C63	451
T63	451
U106	456
CU225	456
RGAU225	456
RGU225	456

PILOT—Cont.	Kcs
RU225	456
U225	456
C335	451
RG335	451
T335	451
B344	456
CB344	456
C350	451
T350	451
U353	456
CU355	456
RU355	456
U355	456
CU357	456
LM357	456
RGAU357	456
RGU357	456
U357	456
CU385	456
LM385	456
RGAU385	456
RGU385	456
U385	456
T404	451
T405	451
EX405	451
T455	451
RGAU475	456
RGU475	456
U475	456
530	451
BT530	451
BTC30	451
BT532	451
BTC32	451
C533	451
RG530	451
T533	451
CU535	456
LM535	456
RGAU535	456
RGU535	456
U535	456
BL550	456
RG583	456
RGA583	456
C633	456
T633	456
CU630	456
RGAU650	456
RGU650	456
U650	456
CU650	456
RGAU690	456
RGU690	456
U690	456

PORTADYNE

Jubilee Superhet	112
Jubilee 5V Batt. Superhet	112
A36	112
A37	112
A38	456
A39	450
A52	112
A53	456
A58	450
A59	112
A64	456
A72	112
AC55	112
B36	112

PORTADYNE—Cont.	Kcs
B37	112
B42	112
B48	112
B49	450
B72	112
J/AC	112
J/AC-DC	112
J/RG	112
MS5	450
PA6	112
PB6	112
PB/AC	450
PB39AC	450
PB39U	450
PBC/AC	450
PBC/U	450
PBS/AC	450
PBS/U	450
PB/U	450
RG2/AC	450
RG2/U	450
RG3/AC	450
RG3/U	450
RG6/AC	450
RG6/U	450
RG7/AC	450
RG7/U	450
RG/AC	112
RG/PB/AC	450
RG/PB/U	450
RG/5	450
RGS/U	450
S/AC	112
S/B	112
SB4	450
SP/U5	450
TA38	450
TU38	450
U38	456
U39	450
U53	456
U58	450

PYE

Empire AW (1936)	465
International 5V	462
International Console	462
New Baby Q	469
New Baby (all dry)	469
Nipper	467
BS6	462
CAW	465
CR/AC	114
CR/DC	114
CR/RG/AG	114
E/AC	114
E/B	114
E/DC	114
MP	462
MP/B	462
MP/C	462
MP/RG	462
MP/U	465
MP/UC	465
P	462
P/AC	114
P/B	114
PP/AC	465
PP/B	467
PP/U	465
PS	465

PYE—Cont.	Kcs
PS/B	467
PS/C	465
PS/RG	465
PU	465
QAC2	127
QAC3	465
QAC5	465
QAC38	465
QB	467
QB3	465
QPAC	465
QPB	465
QPU	465
QU	467
QU3	465
Q43C (Model with AFC)	465
Q43RG (Model with AFC)	465
Q49C	465
Q49RG	465
Q49FS	465
RS4	462
S	114
SE/AC	127
SE/AC/RG	127
SE/B	127
SE/DC	127
SE/U	127
SE/U/RG	127
SP/AC	127
SP/B	127
S/RG	114
S/PG/Auto	114
TC/RG	114
TP/AC	127
TP/B	127
T4	127
T6	127
T7	127
T9	127
T9C	127
T9RG	127
T10	465
T10A	465
T12	127
T17	127
T17RG	127
T18	127
T18C	127
T18RG	127
T20	127
T21	127
T37	127
T37RG	127
T60	127
T61	127
26E	465
26ERG	465
26ERG/Auto	465
62E	465
62EV	465
802	465
803	465
805	465
805RG	465
805RG/Auto	465
806	465
806RG	465
809	465
810	465
811	465
812	465
812RG	465
823	465

PYE—Cont.	Kcs
824	127-131-123
826	465
830	465
834	465
834C	465
834RG	465
835	465
841RG	465
842	465
901	462
906 "International"	462
930E	462
931U	462
946	462
951	462
952	462

REGENTONE

AC/DC Transportable	465
Bennet Bantam	456
Bennet Trans.	456
Dickson All Dry	450
Permeability	456
Transportable 5	465
Transportable 6	465
World Wide 5	456
5V S/Het with round cans	110
—Otherwise	123
AC/47	110-123
AC/56	110-123
AC/56U	110-123
AC/57	110-123
AC/57U	110-123
AW/S	465
RG66	110-123
RG66U	110-123
USP59	465

REMCO

All Models	465

RGD

166	465
166U	465
196	465
196U	465
296	465
296U	465
356	465
356U	465
516AC	460
522	460
535	460
623AC	460
623DC	460
625AC	460
625DC	460
628AC	460
628DC	460
630AC	460
630DC	460
643DC	460
645AC	460
645DC	460
658	460
660	460
700AC	110
700DC	110
701AC	110
701DC	110
702AC	110

RGD—Cont.	Kcs
702DC	110
703AC	110
704AC	110
704C	110
704DC	110
704RG	110
705	460
718AC	460
718AC/DC	465
722	465
723AC	465
723AC/DC	465
727	465
739AC	465
739AC/DC	465
A739AC	465
A739AC/DC	465
743	465
748	465
878	460
880	460
901AC	110
901DC	110
925	465
930	465
948	465
955	465
1015	465
1129	465
1135	465
1153	465
1155	465
1175	465
1201	110
1202	110
1203	460
1204	110
1220	460
1221	465
1295	465
3611	465
5311	465
5511	465
7511	465

RI

4V Batt. Superhet	118
Superhet RG	118
Airflo	118
Duotone	118
Moderne	118
Ritz	118
Ritz AC S/Het	118
Ritz Micrion Batt. 5	118
Ritz Twin Speaker	118

ROBERTS

Up to 1939 :—	
M5A	430
P6	126
M4D	430
From 1939 onwards :—	
M5A	465
P6	126
M4D	465

ROGERS MAJESTIC

11/6	456
11/8	456
11/8X	456

ROGERS MAJESTIC—Cont.	Kcs
11/9	456
11/9DX	456
11/11	456
11/11X	456
12/6	456
12/7	456
12/9	456
13/8	456
13/8C	456
13/10	456
13/15	456
14/8C	456
14/8R	456
14/8T	456

SELMER

Truvoice 5	450
139	450
140	450
1239	450

SPARTON

401	465
501	465
510	465
511	465
519	465
520	465
521	465
530	465
531	465
540	465
541	465
548RG	345
548T	345
559	465
610	465
611	465
619	465
620	465
621	465
629	465
630	465
631	465
639	465
640	465
641	465
648AG	345
648C	345
648RG	345
649	465
650	465
651	465
719	345
748AG	345
748C	345
748T	345
1268AG	456

SPENCER

All Models	430

STANDARD

S40	130
S60	130

SUNBEAM

	Kcs
22	456
55	456
57	110

SUNRAY

	Kcs
55	110
99	465

TELSEN

	Kcs
6V Superhet	117.5
3435/BH	117.5
3435/BV	117.5
3435/MH	117.5
3435/MV	117.5

TEMPOREX

	Kcs
R3	465
R3G	465
R3U	465
R3UG	465

TRUPHONIC

	Kcs
AT5	127
AW5	127
AW5A	127
AW5B	127
AW5C	127
AW5T	127
AW6	456
B4	127
BB4	127
BW5	127
BW5B	127
CA6	127
CU6	127
MA5	465
MA5RG	465
MA5T	465
MU5	465
MU5RG	465
MU5T	465
MA6	465
MA7	465
MA8	465
MA8RG	465
MU5	465
MU5RG	465
MU5T	465
NA5	127
NAC5	127
NAW5	127
NU5	127
NUW5	127
PA5	465
PAT5	127
PU5	465
PUT5	127

TRUPHONIC—Cont.

	Kcs
RGAW5C	127
RGA6	127
RGUW5	127
RGU5C	127
RGU6	127
UT5	127
UW5	127
UW5B	127
UW5C	127
NW5T	127
U6	127
UW6	127

ULTRA

	Kcs
1934 Panther AC	456
Tiger MAC/DC	456
M22	470
22AC	456
22 Batt.	456
22DC	456
M23	470
25AC	456
25DC	456
26AC and AC/DC	456
44	456
47	456
48	456
49	456
50	456
P60	510
P61	510
P62	510
P63	510
P70	510
88	456
95	456
96	456
97	456
99	456
101	456
102	456
103	456
105	470
106	470
115	456
116	456
121	456
122	456
123	456
125	456
133	456
134	456
140	456
150	456
201	470
202	470
203	470
204	470
205	470
206	470
207	470
208	470

ULTRA—Cont.

	Kcs
209	470
210	470
301	470
302	470
303	470
304	470
305	470
306	470
307	470
308	470
309	470
310	470
315	470
316	470
330	470
400	456
500	470

VARLEY

	Kcs
AC Superhet 4	110
AP46	110
AP48	110
Square Peak Mains Superhet	110

VIDOR

	Kcs
220	473
221	473
227	130
237	130
258	130
275	473
277	473
280	473
284	473
288	450
291	473
300	473
301	473
302	473
308	450
322	465
323	465

WB

	Kcs
4VA/wave Superhet	128
5VA/wave Superhet	128
394B	128
395	128

ZENITH

	Kcs
5S29	252.5

ZETAVOX

	Kcs
ST/AC	152

U.S.A. Receivers Imported by Board of Trade.

ADMIRAL

	Kcs
67M5	455
76P5	455
77P5	455
78P6	455
79P6	455
P6XP6	455
4202B6	455
4203B6	455
4204B6	455
4220D5	455

ANDREA

	Kcs
35H5	455

EMERSON

	Kcs
301	455
310	455
311	455
318	455
320	455
330	455
331	455
332	455
336	455
343	455
349	455
350	455
351	455
353	455
363	455
376	455
389	455
400	455
402	455
413	455
414	455
415	455
418	455
419	455
421	455
422	455
424	262
425	455
426	455
427	262
428	262
433	455
439	455
440	455
441	455

EMERSON—Cont.

	Kcs
461	455
463	455
465	455
465A	455
467	455

FADA

	Kcs
115	455
148	455
200	455
203	455
205	455
209	455
215	456
220	455
252	455
PD41	456
PL23	456
PL41	456
169W	456
215T	456

GE

	Kcs
HJ612	455
J54W	455
L513	455
L541	455
L543	455
L570	455
L571	455
L572	455
L574	455
L600	455
L604	455
L613	455
L621	455
L643	455
L651	455
LB673	455
LB700	455
LB702	455

MOTOROLA

	Kcs
51X16	455
51X19	455
61X17	455
61L11	455

PHILCO

	Kcs
PT3	455
PT87	455
PT88	455
PT95	455
321T	455
42-327T	455
42-842T	455

RCA

	Kcs
1X	455
6X2	455
14X	455
34X	455
35X	455
36X	455
45X12	455
15X	455
55X	455
16X2	455
16X3	455
16X11	455
16X13	455
26X1	455
26X3	455
26X4	455
26BP	455
46X21	455

STROMBERG-CARLSON

	Kcs
500H	455

WESTING-HOUSE

	Kcs
12X4	455
13X8	455
WR13X8	455
WR62K1	455
WR62K2	455

ZENITH

	Kcs
5G603M	455
6G601	455

SERVICE GUARANTEE

We hereby guarantee each new test instrument manufactured by us to be free from defective materials and workmanship and agree to remedy any such defects free of charge for a period of six months from date of registered purchase, providing the instrument has at all times been subjected to normal use, and subject to the following conditions :—

1. The registration card must be completed within seven days of purchase.
2. The instrument must be securely packed and returned carriage paid to our Service Department.
3. This guarantee is non-transferable and applies only to the registered user.
4. Any Valves, Rectifiers, or Standard Parts not of our manufacture incorporated in our instruments are subject to their manufacturer's guarantee and are not covered in this Guarantee.

TAYLOR ELECTRICAL INSTRUMENTS LIMITED

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