

HIS MASTER'S VOICE



SERVICE SHEET

ISSUED BY SERVICE DIVISION, HIS MASTER'S VOICE (N.Z.) LTD., G.P.O. BOX 108, WELLINGTON

"WINDSOR"

THE 10 VALVE ELECTROGRAM
CONSOLE

*model 4910 D/RG = Dual-wave
4910 AW = 3-band*

Valve Complement

- (1) KTW63 R.F. Amplifier
- (2) X65 1st Det. Oscillator
- (3) KTW63 I.F. Amplifier
- (4) DH63 .. 2nd Det. A.V.C. Gram Pre Amp
For tone compensation.
- (5) DH63 Driver Tube
- (6) DH63 Driver Tube
- (7) KT63 Treble Output Tube
- (8) KT66 Bass Output Tube
- (9) U52 Rectifier
- (10) Y61 Tuning Indicator

Tuning Range

- (a) "Broadcast" 550-1600 Kcs.
- (b) "Shortwave" 6-18 Mcs.

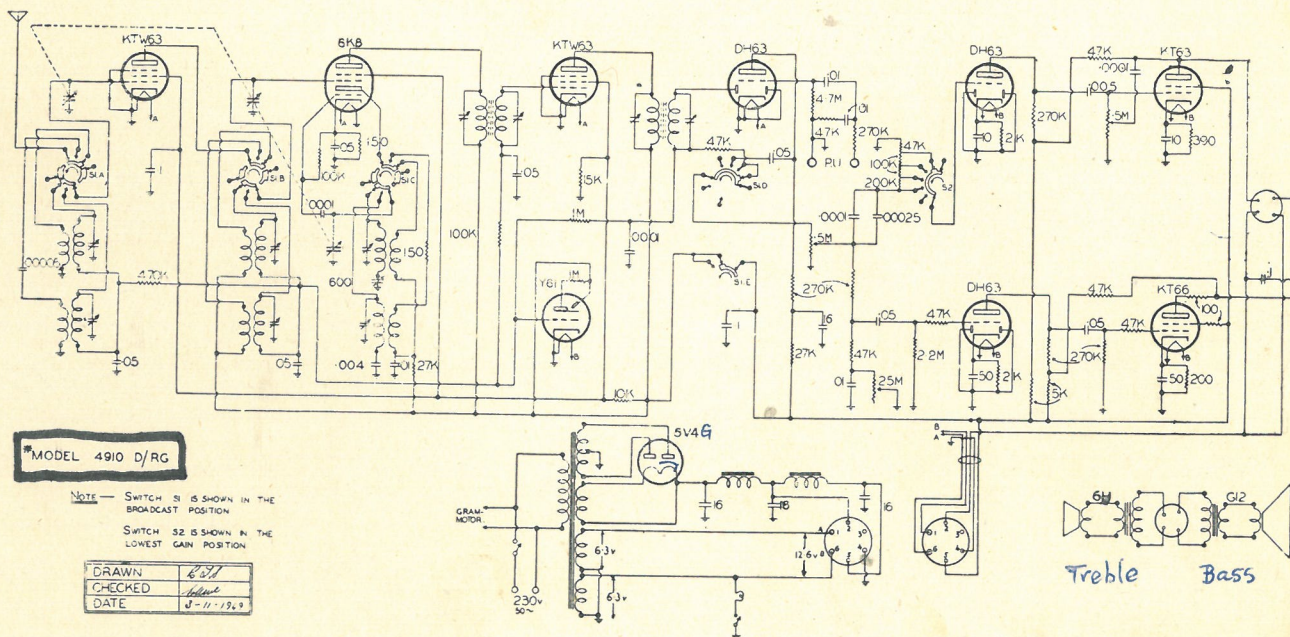
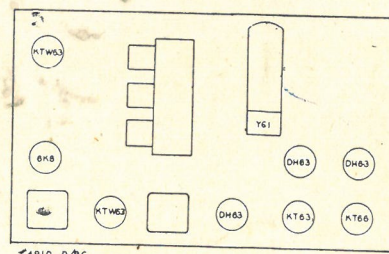
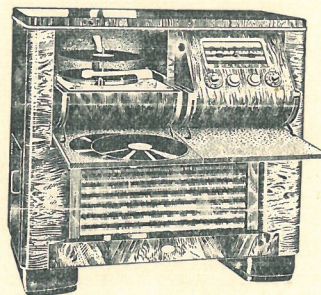
I.F. Frequency

455 Kcs.

Power Supply

230 Volts A.C.

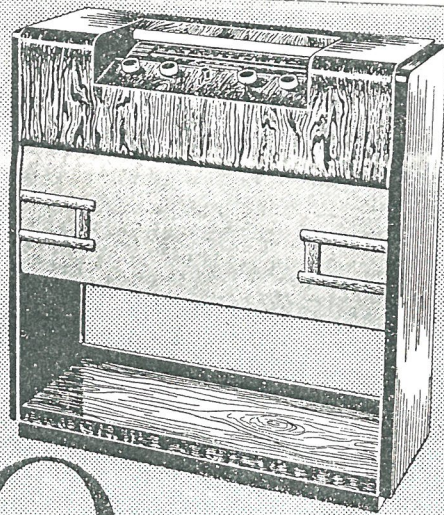
For Auto charger service data etc., refer to
Service Manual for H.M.V. Model 5300.



Note use of KT66

*4910 AW in 3 band AW
and the 4910
all have model 1037*

*Note term "electrogram"
Note KT63 in treble channel
KT66 in bass
(1949) 4910 D/RG*



model radio.

Sherwood Bookcase Console.

1950 Releases



CANTERBURY—A radio in a million! Wonderful reception, long service and a moderate price makes the Canterbury Radio the perfect radio for the home!

SHERWOOD—Here is a radio with true tone quality in an attractive bookcase cabinet that is a real showpiece in radio craftsmanship!

Office: His Master's Voice (N.Z.), Ltd., Box 108, Wellington

check

1041 AW

3- books according to call list → 4910 AW

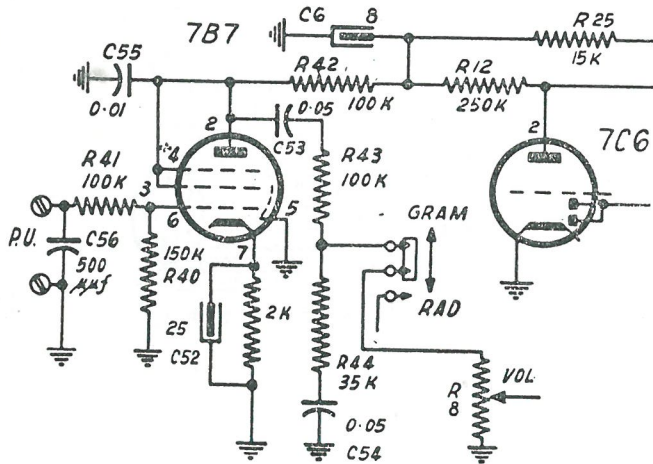
Model 4910 AW
(CQ B chassis 103)
does it
orig. in a 1041

TECHNICAL INFORMATION

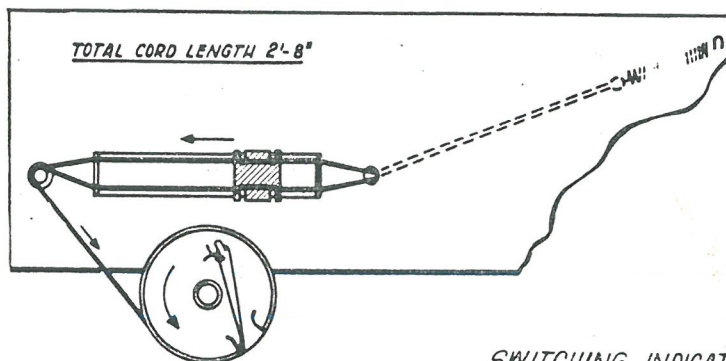
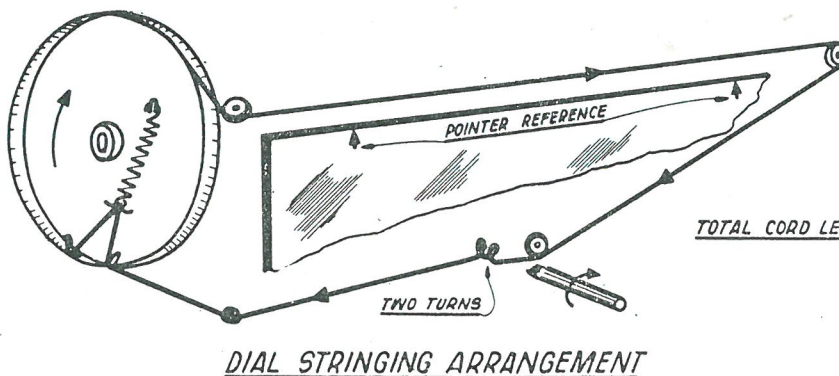
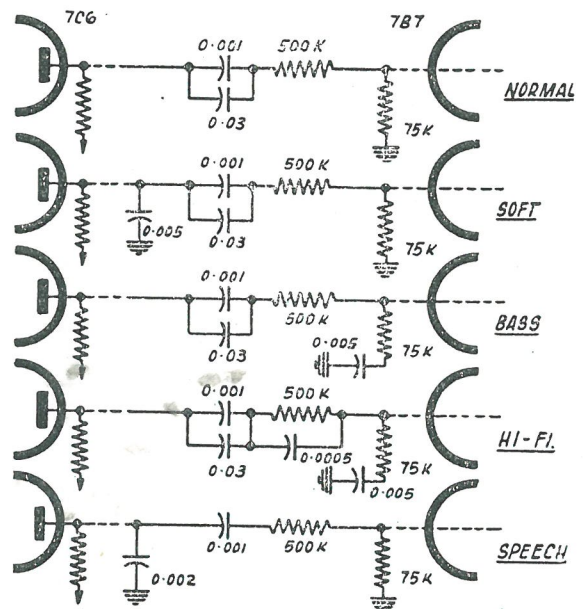
COVERING ALL WAVE RECEIVER TYPE 1039

COLLIER & BEALE Ltd., WELLINGTON

MODEL 11039 SCHEMATIC OF PRE-AMPLIFIER DESIGNED FOR USE WITH "GARRARD" FLAT - RESPONSE PICK-UP

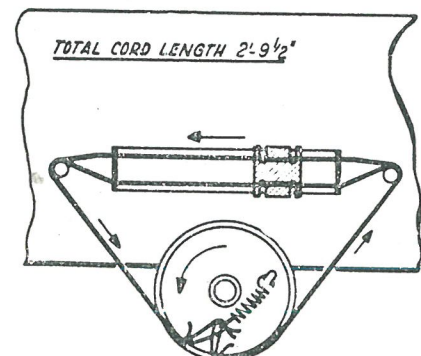


TONE SELECTOR SWITCHING CIRCUIT CONDITION IN EACH SETTING

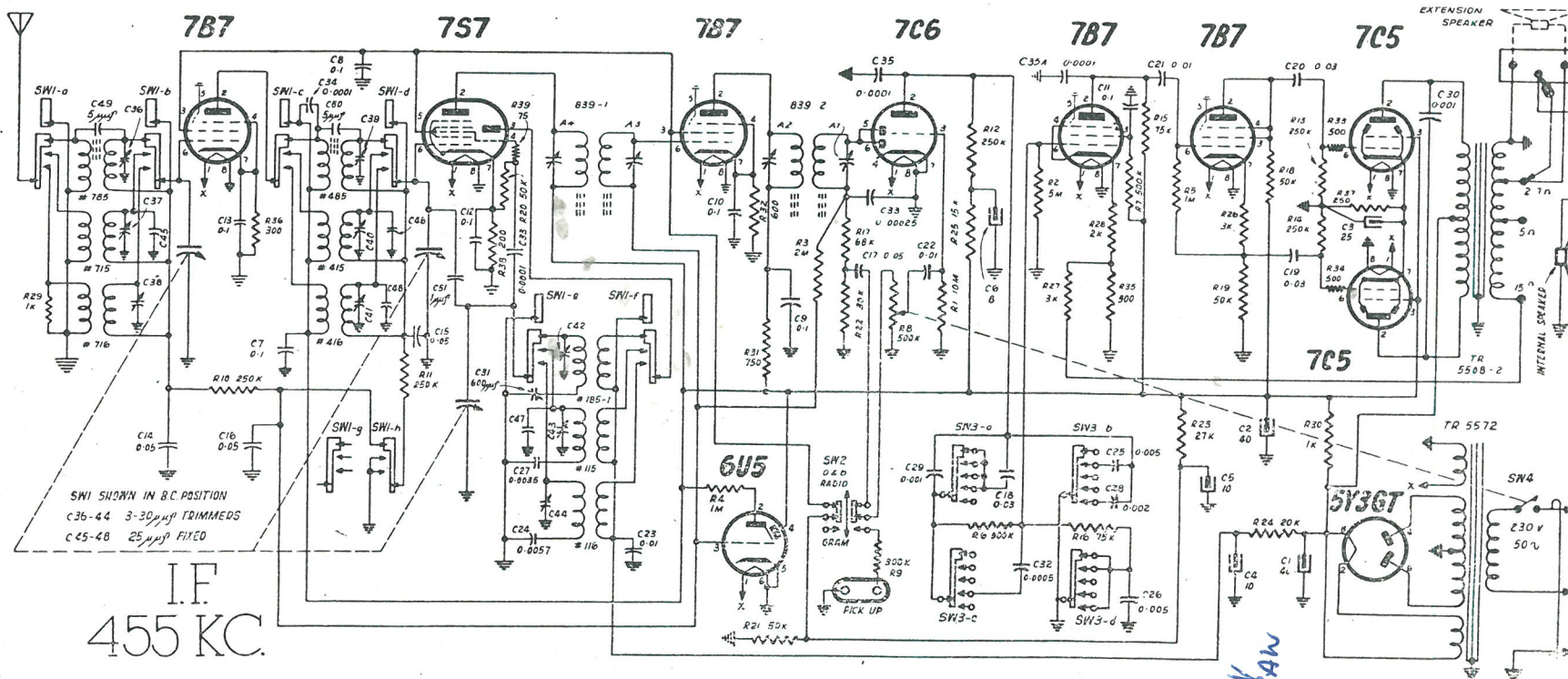


SYSTEM INITIALLY EMPLOYED IN RECEIVERS

SWITCHING INDICATORS STRINGING DIAGRAMS



LATER CONSTRUCTION



SCHEMATIC DIAGRAM MODEL 1039

VOLTAGE READINGS

Use	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
R.F.	7B7	6.3A.C.	225	80	2.6	—	0	2.6	—
Conv.	7S7	6.3A.C.	225	145	-5	80	0	1.8	—
I.F.	7B7	6.3A.C.	225	80	3.2	—	0	3.2	—
Det-AF.	7C6	6.3A.C.	115	0	—	0	0	—	—
Eq'izer	7B7	6.3A.C.	110	55	4.4	—	0	4.4	—
Inv.	7B7	3.3A.C.	125	125	125	—	15	82	—
Output	7C5	6.3A.C.	250	225	0	—	0	14	—
Output	7C5	6.3A.C.	250	225	0	—	0	14	—
Rect.	5Y3	150	250	—	270A.C.	—	270A.C.	—	250
Eye	6U5	6.3A.C.	20	0	225	—	—	—	—

RESISTANCE READINGS

Use	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
R.F.	7B7	—	250K	50K	300ohm	—	2.4meg.	300ohm	—
Conv.	7S7	—	250K	250K	50K	50K	2.4meg.	200ohm	—
I.F.	7B7	—	250K	50K	600ohm	—	2.1meg.	600ohm	—
Det-AF.	7C6	—	500K	10meg.	—	100K	100K	—	—
Eq'izer	7B7	—	250K	250K	2.5K	—	5meg.	2.5K	—
Inv.	7B7	—	250K	250K	250K	—	1meg.	53K	—
Output	7C5	—	250K	250K	250K	—	250K	250K	—
Output	7C5	—	250K	250K	250K	—	250K	250K	—
Rect.	5Y3	250K	250K	—	65ohm	—	65ohm	—	250K
Eye	6U5	—	250K	2.1meg.	1.25meg.	—	—	—	—

1. D.C. voltage measurements are at 2,000 ohm. per volt—A.C. voltage measured at 1,000 ohm per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative. Bandswitch in B.C. position.

4. Nominal Tolerance on component value make possible a variation of
5. Volume control at maximum, no signal applied for voltage measurements. $\pm 10\%$ in voltage and resistance readings.
6. Resistance readings in B+ circuits may vary widely according to the condition of filter capacitors.