

VALVE COMPLIMENT

V1	12AH8	Frequency Converter
V2	6BH5	I.F. Amplifier
V3	6AV6	Detector, A.G.C. and Audio Amp.
V4	6CH6	Audio Output
V5	6V4	Rectifier

TUNING RANGE

530 – 1620 Kc/s

INTERMEDIATE FREQUENCY

455 Kc/s

POWER SUPPLY

230 – 280 volts 50 cycles A.C.
140 M.A. at 240V A.C.

LOUDSPEAKER

One 7" x 5" permanent magnet speaker with 15 ohm voice coil.

CIRCUIT VOLTAGES

Refer to circuit diagram

These voltages may vary within 10% of the stated values

Measuring meter should be at least 20,000 ohms per volt

SENSITIVITY SPECIFICATION

I.F. Sensitivity – V1 Grid – 15 microvolts

Broadcast Sensitivity – 3 microvolts average

The above input signals are required to produce 17 volts across the primary of the output transformer connected through a series capacitor of 0.1 mfd.

Connect a 0.1 mfd capacitor in series with the "Hot" lead of the signal generator when measuring I.F. sensitivity.

ALIGNMENT FREQUENCIES

Broadcast – 600 Kc/s and 1400 Kc/s

CHECK POINT

1000 Kc/s

REMOVAL OF CHASSIS

1. Remove the four screws holding the cabinet back.
2. Remove the four control knobs.
3. Remove the loudspeaker plug.
4. Remove the four chassis securing bolts at the underside of the cabinet.
5. The chassis may now be withdrawn from the cabinet.
6. The loudspeaker plug may now be inserted into the socket

CARE OF CABINET

To maintain the high lustre of the cabinet it is advisable to use "Wattyl" Burnisher.

Apply sparingly on a soft (cotton) cloth rubbing vigorously, after which, polish with a soft clean cloth.

DIMENSIONS

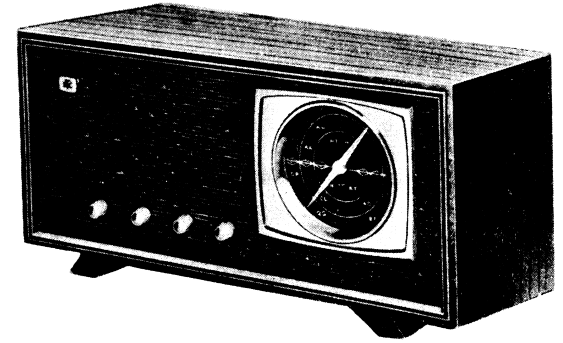
	<u>Cartoned</u>	<u>Receiver</u>
Height	1' 9"	1' 7"
Length	10"	9¼"
Depth	10"	6"
Weight	17 lbs	15 lbs.

PARTS LIST

	<u>Circuit Ref.</u>	<u>Part No.</u>	<u>Description</u>
<u>Valves</u>	V1	12AH8	Frequency Converter
	V2	12BH5	I.F. Amplifier
	V3	6AT6	Detector, A.G.C. & Audio Amplifier
	V4	6CH6	Audio Output
	V5	6V4	Rectifier
<u>Coils & Transformers</u>		SP70034	Loop Aerial Assembly
		SP30511C	B.C. Oscillator Coil
		74-SU-56C	1st I.F. Transformer
		74-SU-56F	2nd I.F. Transformer
		SP54565H	Speaker Transformer
		74-SU-48G	Power Transformer
<u>Potentiometers</u>	P1	SP40783U	1 meg (Log) Volume Control
	P2	SP40783V	250K (Log) D.P.S.T. Switch Tone Control
<u>Miscellaneous</u>		SP70136FK	Cabinet c/w back
		SR487F	Grille Material
		Gold ring 3.1/8"	Dial Drum
		SP70120B	Dial Scale
		B 184	Dial Cord (approx. 2 feet)
		5587	Dial Cord Hook
		SP30310C	Dial Cord Tension Spring
		10280	Control Knobs (Cream)
	S1 & S2	SP30669E	Radio/Gram Switch
	C4 & C6	MSP 18621	Tuning Condenser
		SP70114	Tuning Pointer
		SP54109C	S.T.C. Monogram
		691-5-1	Speaker Plug
		SP54552B	Loudspeaker 7" x 5" 15 ohm V.C.
			Dial Lamps 6.3V .3A M.E.S.
		SP40768A	Operating Instructions and Warranty Card



RADIO SERVICE BULLETIN

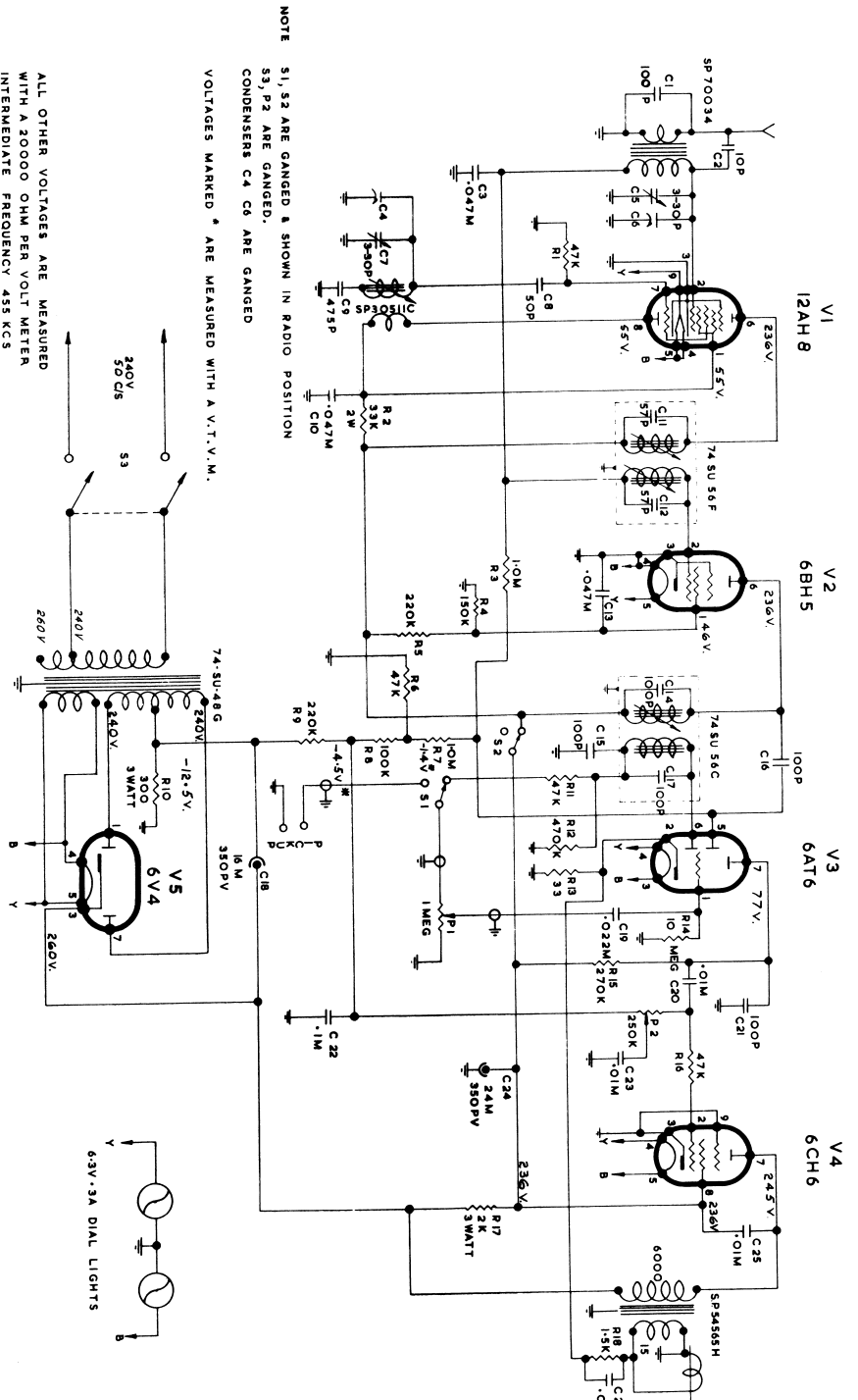


"CAPRI" BROADCAST MANTEL RECEIVER MODEL 5101

DESCRIPTION:

- An A.C. operated 5 valve superhetrodyne broadcast mantel receiver incorporating:-
- Automatic Gain Control across two stages
- High gain and selective tuning circuits
- Feed back across the audio amplifier
- Variable treble cut control
- Magnetic Rod Aerial
- Provision is made for the connection of a record player.

STC
MODEL 5101
CAPRI



NOTE
 S1, S2 ARE GANGED & SHOWN IN RADIO POSITION
 S3, P2 ARE GANGED.
 CONDENSERS C4 C6 C9 ARE GANGED

VOLTAGES MARKED * ARE MEASURED WITH A V.T.V.M.

ALL OTHER VOLTAGES ARE MEASURED WITH A 2000 OHM PER VOLT METER INTERMEDIATE FREQUENCY 455 KCS. MANUFACTURER RESERVES THE RIGHT TO CHANGE COMPONENTS AND CIRCUIT ARRANGEMENTS WITHOUT NOTICE.