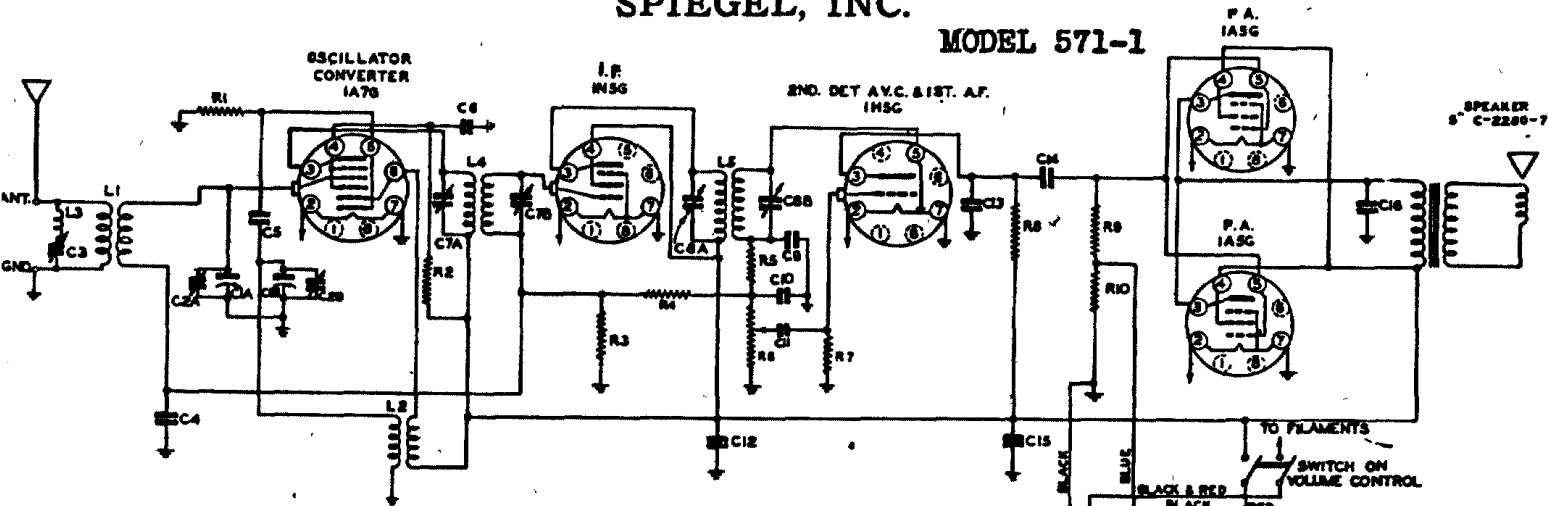


SPIEGEL, INC.

MODEL 571-1



CHASS VARIABLE CONDENSER
CHASS TRIMMERS ON VAR COND.
C3 I.F. REJECTOR TRIMMER
C4 .05 MFD. 200V.
C5 100 MFD. MOLDED
C6 .05 MFD. 200V.
C7A NO. 1 I.F. TRIMMER
C7B NO. 2 I.F. TRIMMER
C8 100 MFD.
C9 100 MFD.
C10 .01 MFD. 200V.
C11 .05 MFD. 200V.
C12 100 MFD. MOLDED
C13 .01 MFD. 400V.
C14 100 MFD. 100V.
C15 100 MFD. 100V.
C16 100 MFD. 100V.

B-3204-1
A-14966-2
C-3202-140C
C-720-325
C-3202-28C
B-7200-6C
B-7200-6G
A-16697-1
C-3202-132C
C-3202-140C
C-720-325
C-3204-132C
A-14958
C-3206-114C

R1 100,000 Ω . .25W.
R2 50,000 Ω . .25W.
R3 2.2 MEGOHM .25W.
R4 2.2 MEGOHM .25W.
R5 50,000 Ω . .25W.
R6 50,000 Ω . VOL. CONT.
R7 10 MEGOHM .25W.
R8 1 MEGOHM .25W.
R9 2.2 MEGOHM .25W.
R10 500 Ω . .25W.

C-2795-915
C-2795-940
C-2795-1025
C-2795-1025
C-2795-535
A-15132-2
C-2795-1105
C-2795-985
C-2795-1025
C-2795-1535

L1 S.C. ANT. COIL
L2 S.C. OSC. COIL
L3 I.F. REJECTOR COIL
L4 NO. 1 I.F. COIL
L5 NO. 2 I.F. COIL

A-14958-1
A-14958-2
A-14710-1
A-12064-35
A-12064-35

1.5V "A" BATTERY
BURGESS 87
EVEREADY 741
GENERAL 8-7-1
45V "B" BATTERY
BURGESS 830
EVEREADY 752
GENERAL V-30-8

INTERMEDIATE FREQUENCY 456 K.C.
BOTTOM VIEWS OF ALL SOCKET CONNECTIONS

VOLTAGE CHART

"A" Battery Voltage: 1.5 volts		Position of Volume Control: Full with Antenna disconnected								
"B" Battery Voltage: 90. volts		Voltage of socket prongs to Gnd. (See No's. on schematic diagram)								
Tube	Function	No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	Grid Cap
1A7G	Osc-Converter	83	1.3	83	18	*	83	0	83	0
1H5G	I-f Amplifier	0	1.3	83	83	-	-	0	0	0
1H5G	Det-AVC-Audio	-	1.3	*	-	0	0	0	-	0
1A5G	Power Amplifier	-	1.3	78	83	0	-	0	0	-
1A5G	Power Amplifier	-	1.3	78	82	0	-5	0	0	-

Notes: Voltage readings are for schematic diagram on back of sheet. Allow 15% - or - on all measurements. Always use meter scale which will give greatest deflection within scale limits. All measurements made with 1000 ohms per volt voltmeter.

* Cannot be measured with 1000 ohms/volt voltmeter.

ALIGNMENT CHART

OPERATION	ALIGNMENT OF	GENERATOR CONNECTED TO	DUMMY ANTENNA	GENERATOR FREQUENCY	TUNING CONDENSER SETTING	TRIMMER	REMARKS
1	(Set pointer parallel with horizontal lines on scale with gang condenser plates fully closed)						
2	I. F.	1A7G grid	.1 mf.	456 kc	open	C 12 A & B	2nd. I. F.
3	Rejector	Ant.	200 mf.	456 kc	closed	C 11 A & B	1st. I. F.
4	Broadcast Band	Ant.	200 mf.	1500 kc	1500 kc	C 2	Adjust to minimum
						C 2B	Oscillator
						C 2A	Antenna
5	(Check calibration and sensitivity at 600 kc, 900 kc and 1500 kc)						
6	(Check operations 1 to 5 inclusive)						

