

Zenith Radio Corp.

Model: 5-S-119

Chassis:

Year: Pre October 1936

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

Riders Volume 7 - ZENITH 7-2

Riders Volume 7 - ZENITH 7-7

MODELS 4-B-106, 4-B-131
4-B-132
MODELS 5-S-119, 5-S-126

ZENITH RADIO CORP.

5-S-127, 5-S-150
5-S-151, 5-S-161
Voltage, Socket, Trimmers

MODELS
5-S-119, 5-S-126, 5-S-150, 5-S-151, 5-S-161
CHASSIS No. 5516

SOCKET VOLTAGES

Tube	Position	1	2	3	4	5	6	7	8	9
6A8	1st Det. Osc.	0	0	240	85	-1	166	6ac	4	0
6K7	I.F.	0	0	240	85	3	---	6ac	3	0
6Q7	2nd Det. A.V.C.	0	0	75	.1	.1	---	6ac	1.5	0
6F6	Power	0	0	230	240	-5	---	6ac	0	---
5Y3 5W4	Rectifier	0	240	---	AC	---	AC	---	240	---

All voltages measured from point indicated to ground, using a 1000 ohm per volt meter with antenna and ground disconnected.

Line Voltage 112V.

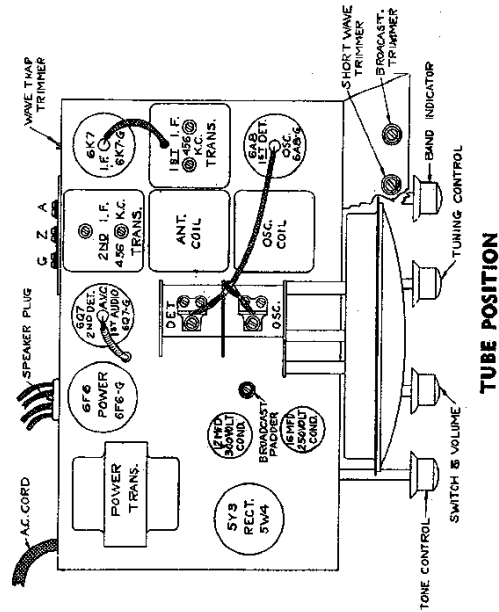
Current Consumption 55 watts.

Power Output 3 watts.

For other data see index



BOTTOM VIEW OF SOCKET



TUBE POSITION

MODELS
4-B-106, 4-B-131, 4-B-132
CHASSIS No. 5406

SOCKET VOLTAGES

Tube	Position	Ef	Ek	Eg ¹	Eg ²	Eg ³	Ep
15	1st Det. Osc.	2	8	0	115	---	155
15	I.F.	2	3.5	0	115	---	155
75	2nd Det. A.V.C.	6	1.5	0	---	---	30
38	PWR	6	14	0	155	---	148

f—filament; k—cathode; g¹—control grid; g²—screen grid; g³—suppressor grid; p—plate.

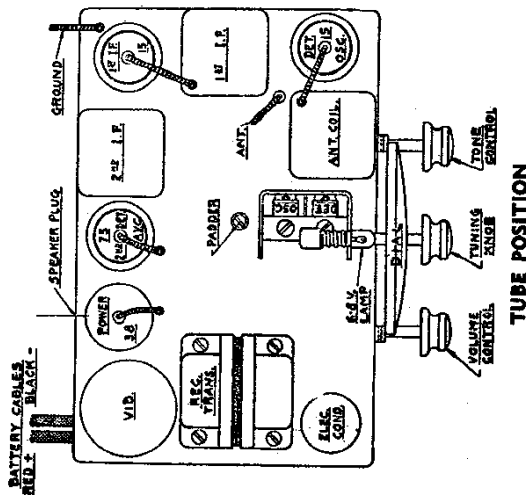
All measurements taken from point indicated to ground using a 1000 ohm per volt D. C. meter with antenna and ground disconnected.

Battery Voltage 6V.

Battery Drain 1.7 amperes.

Power Output 1 watt.

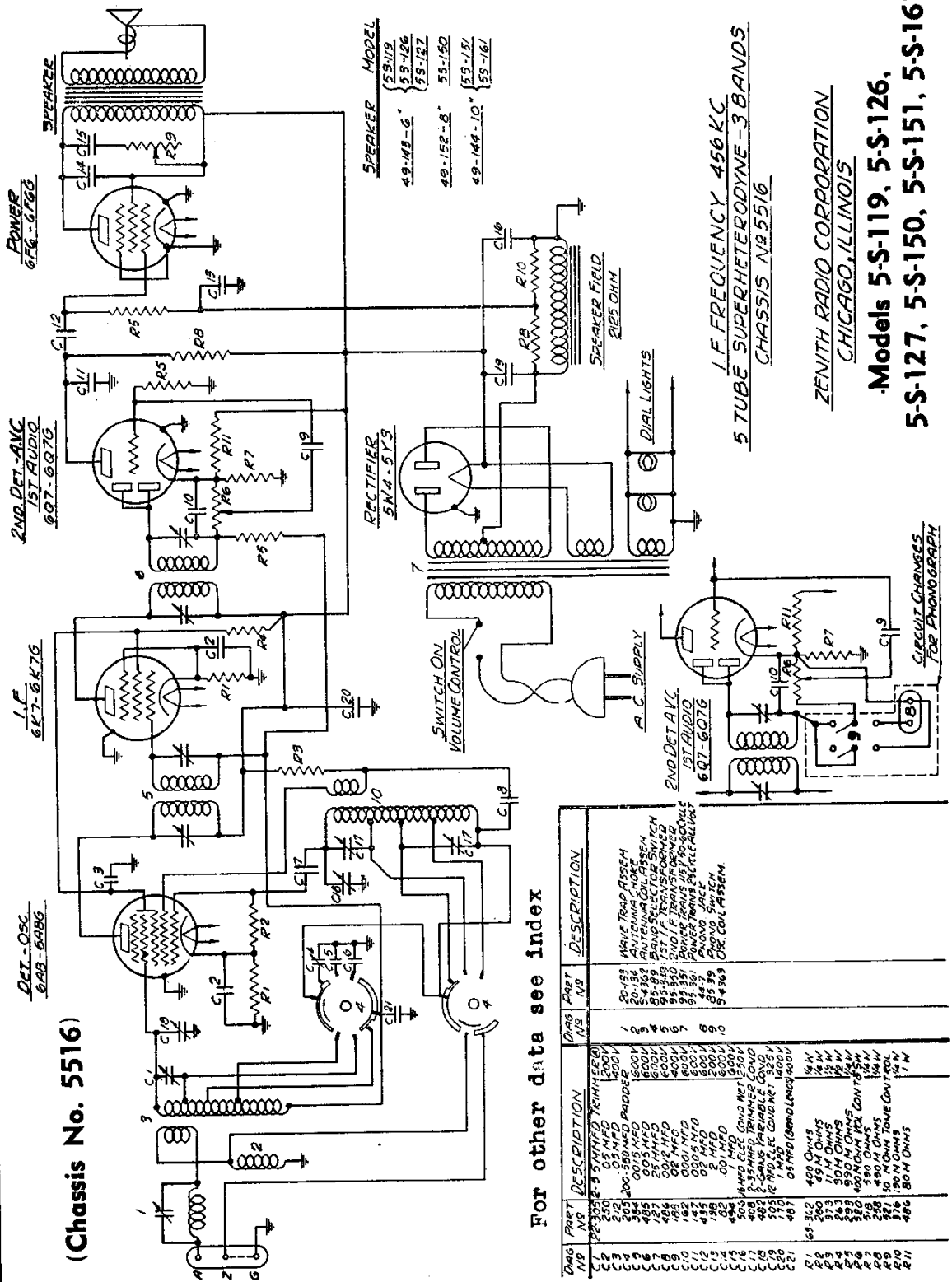
CAUTION: Reversal of the battery polarity will damage the filter condensers. The storage battery must be connected as shown above.



TUBE POSITION

Chassis 5516
Schematic, Parts

MODELS 5-5-119, 5-5-126
5-5-127, 5-5-150
5-5-151, 5-5-161



(Chassis No. 5516)

I.F. FREQUENCY 456 KC.
5 TUBE SUPERHETERODYNE - 3 BANDS
CHASSIS No. 5516

ZENITH RADIO CORPORATION
CHICAGO, ILLINOIS

Models 5-5-119, 5-5-126,
5-5-127, 5-5-150, 5-5-151, 5-5-161

For other data see index

DWG. PART NO.	DESCRIPTION	DWG. PART NO.	DESCRIPTION
22-30823	5 MFD TRIMMER	20-123	WAVE TRAP ASSEM
250	50 MFD	20-134	ANTENNA CHOKE
251	200 MFD	20-143	ANTENNA COIL ASSEM
384	500 MFD	20-148	500 OHM POTENTIOMETER
495	200 MFD	21-171	7317 IF TRANSFORMER
497	500 MFD	21-172	2ND I.F. TRANSFORMER
185	500 MFD	21-173	PROMOTER TRANSFORMER
182	500 MFD	21-174	500 OHM POTENTIOMETER
435	50 MFD	21-175	PHONO SWITCH
136	2 MFD	21-176	PHONO JACK
42	50 MFD	21-177	PHONO JACK
503	500 MFD	21-178	500 OHM POTENTIOMETER
408	500 MFD	21-179	500 OHM POTENTIOMETER
402	500 MFD	21-180	500 OHM POTENTIOMETER
170	500 MFD	21-181	500 OHM POTENTIOMETER
221	50 MFD	21-182	50 MFD TRIMMER
164-312	400 OHMS	21-183	50 MFD TRIMMER
260	45 M OHMS	21-184	50 M OHM TONE CONTROL
373	17 M OHMS	21-185	50 M OHM TONE CONTROL
383	17 M OHMS	21-186	50 M OHM TONE CONTROL
520	500 OHM POTENTIOMETER	21-187	50 M OHM TONE CONTROL
521	500 OHM POTENTIOMETER	21-188	50 M OHM TONE CONTROL
218	500 OHM POTENTIOMETER	21-189	50 M OHM TONE CONTROL
219	500 OHM POTENTIOMETER	21-190	50 M OHM TONE CONTROL
217	500 OHM POTENTIOMETER	21-191	50 M OHM TONE CONTROL
216	500 OHM POTENTIOMETER	21-192	50 M OHM TONE CONTROL
215	500 OHM POTENTIOMETER	21-193	50 M OHM TONE CONTROL
214	500 OHM POTENTIOMETER	21-194	50 M OHM TONE CONTROL
213	500 OHM POTENTIOMETER	21-195	50 M OHM TONE CONTROL
212	500 OHM POTENTIOMETER	21-196	50 M OHM TONE CONTROL
211	500 OHM POTENTIOMETER	21-197	50 M OHM TONE CONTROL