

Zenith Radio Corp.

Model: 9-S-262

Chassis:

Year: Pre October 1937

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

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ZENITH RADIO CORP.

MODELS 9S203, 9S232, 9S242

9S244, 9S262, 9S263

9S264

Chassis 5905

Schematic, Parts

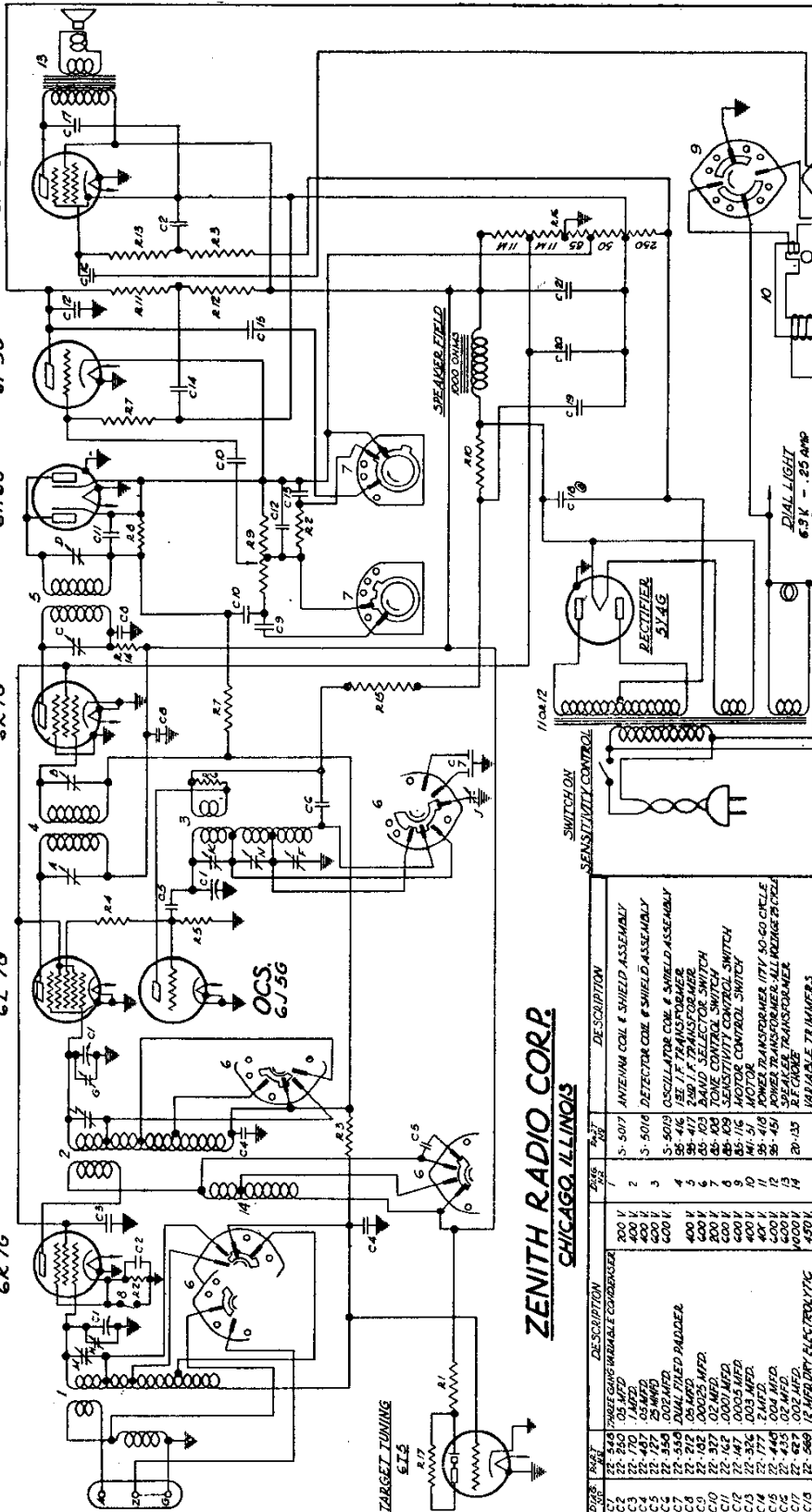
POWER
CF 6G

2ND DET. A.K. AUDIO
GH 6G

I.F.
SK 7G

2ND DET.
GL 7G

R.F.
6K 7G



I.F.-FREQUENCY 456 K.C.
9T6 SUPERHETERODYNE
3 BAND

FOR ALIGNMENT AND PHONO. DATA, SEE INDEX

NOTE:	204
	205
	232
	242
	244
	262
	263
	264

ZENITH RADIO CORP.
CHICAGO, ILLINOIS

TYPE	QTY	DESCRIPTION
C1	22-548	TRIPLE GANG VARIABLE CONDENSER
C2	22-250	.05 MFD
C3	22-170	.02 MFD
C4	22-177	.02 MFD
C5	22-356	.002 MFD
C6	22-516	DUAL FILLED PAPER
C7	22-182	.00025 MFD
C8	22-327	.02 MFD
C9	22-162	.0001 MFD
C10	22-162	.0001 MFD
C11	22-162	.0001 MFD
C12	22-162	.0001 MFD
C13	22-162	.0001 MFD
C14	22-171	.001 MFD
C15	22-171	.001 MFD
C16	22-440	.004 MFD
C17	22-435	.02 MFD
C18	22-627	.002 MFD
C19	22-589	.01 MFD
C20	22-571	.01 MFD
R1	63-609	72 OHMS
R2	63-695	47 OHMS
R3	63-695	47 OHMS
R4	63-695	47 OHMS
R5	63-695	47 OHMS
R6	63-695	47 OHMS
R7	63-695	47 OHMS
R8	63-695	47 OHMS
R9	63-695	47 OHMS
R10	63-695	47 OHMS
R11	63-695	47 OHMS
R12	63-695	47 OHMS
R13	63-695	47 OHMS
R14	63-695	47 OHMS
R15	63-695	47 OHMS
R16	63-695	47 OHMS
R17	63-695	47 OHMS

MODELS 9S203, 9S232, 9S242
 9S244, 9S262, 9S263
 9S264
 Chassis 5905

ZENITH RADIO CORP.

Voltage, Alignment
 Socket, Trimmers

MODELS 12S205, 12S232
 12S245, 12S265
 12S266, 12S267
 12S268
 Chassis 1204

CHASSIS 1204

Model 12S series

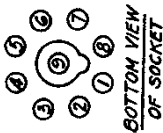
SOCKET VOLTAGES

Tube	Position	1	2	3	4	5	6	7	8	9
6K7	R. F.	0	3.2	245	83	0	—	—	3.2	0
6L7	Converter	0	3.2	243	83	-10	—	—	3.2	0
6J5	Osc.	0	3.2	121	—	-10.5	—	—	3.2	0
6K7	I. F.	0	3.2	237	83	0	—	—	3.2	0
	2nd Det.									
6H6	A.V.C.	0	3.2	-2	-1.5	-2	—	—	3.2	-1.5
6J5	1st Audio	0	3.2	70	—	-5	—	—	3.2	-1.5
6J5	2nd Audio	0	3.2	74	—	-2	—	—	3.2	-5
6J5	Inverter	0	3.2	76	—	-2	—	—	3.2	-5
6V6	Power	0	3.2	231	240	-2.5	—	—	3.2	8
6V6	Power	0	3.2	231	240	-2.5	—	—	3.2	8
5Y4	Rect.	0	—	AC	—	—	—	—	—	—
	Rect.	H	Ep	—	—	—	—	—	—	—
6T5	Target	3.2	1.5	-1.5	240	-1.5	3.2	—	—	—

All voltages measured from point indicated to ground using a 1000 Ohm per Volt meter, antenna and ground disconnected. Line voltage 117V. Consumption 110W. Power output 15W.

ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to	Dummy Antenna	Set Test Osc. to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Det. Grid	1/2 Mfd.	456	Br'dc't	600	ABCD	I. F. Alignment
2	Rec. Ant. Post	200 Mmfd.	1500	"	1500	F	Set Osc. to Scale
3	"	200 Mmfd.	1500	"	1500	GH	Align of Ant.&Det for max. output
4	"	200 Mmfd.	600	"	600	J	Repeat 2 & 3
5	"	200 Mmfd.	18000	S.W.	18000	K	Set Osc. to Scale
6	Rec. Ant. Post	400 Ohms	16500	S.W.	16500	LM	Rock gang & adj. for max. output
7	"	400 Ohms	16500	S.W.	16500	LM	Rock gang & adj. for max. output
8	"	400 Ohms	5500	Police	5500	N	Rock gang & adj. for max. output



BOTTOM VIEW OF SOCKET

CHASSIS 5905

MODEL 9S series

SOCKET VOLTAGES

Tube	Position	1	2	3	4	5	6	7	8	9
6K7	R. F.	0	0	240	80	0	—	6.2	0	-2
6L7	Converter	0	6.2	240	80	-7	—	0	0	-1
6J5	Osc.	0	6.2	120	—	-8	—	0	0	0
6K7	I. F.	0	6.2	237	80	0	—	0	0	-1
	2nd Det.									
6H6	A.V.C.	0	0	-2.5	-2	-2.5	—	6.2	-2	—
6F5	1st Audio	0	0	82	—	—	—	6.2	-2	-2.5
6F6	Power	0	0	225	240	-3.5	—	6.2	-4.5	—
5Y4	Rect.	0	—	AC	—	—	—	—	—	—
	Rect.	H	Ep	—	—	—	—	—	—	—
6T5	Target	0	10	-2	240	-2	6.2	—	—	—

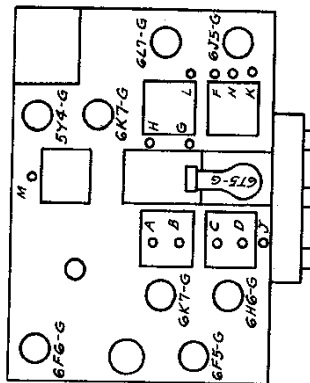
All voltages measured from point indicated to ground using a 1000 Ohm per Volt meter, antenna and ground disconnected. Line voltage 117V. Consumption 75W. Power output 4.5W.



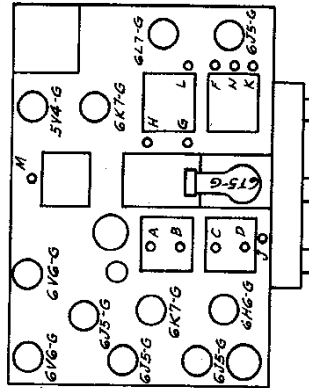
BOTTOM VIEW OF SOCKET

ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to	Dummy Antenna	Set Test Osc. to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Det. Grid	1/2 Mfd.	456	Br'dc't	600	ABCD	I. F. Alignment
2	Rec. Ant. Post	200 Mmfd.	1500	"	1500	F	Set Osc. to Scale
3	"	200 Mmfd.	1500	"	1500	GH	Align of Ant.&Det for max. output
4	"	200 Mmfd.	600	"	600	J	Repeat 2 & 3
5	"	200 Mmfd.	18000	S.W.	18000	K	Set Osc. to Scale
6	Rec. Ant. Post	400 Ohms	16500	S.W.	16500	LM	Rock gang & adj. for max. output
7	"	400 Ohms	16500	S.W.	16500	LM	Rock gang & adj. for max. output
8	"	400 Ohms	5500	Police	5500	N	Rock gang & adj. for max. output



LOCATION OF TRIMMERS



LOCATION OF TRIMMERS