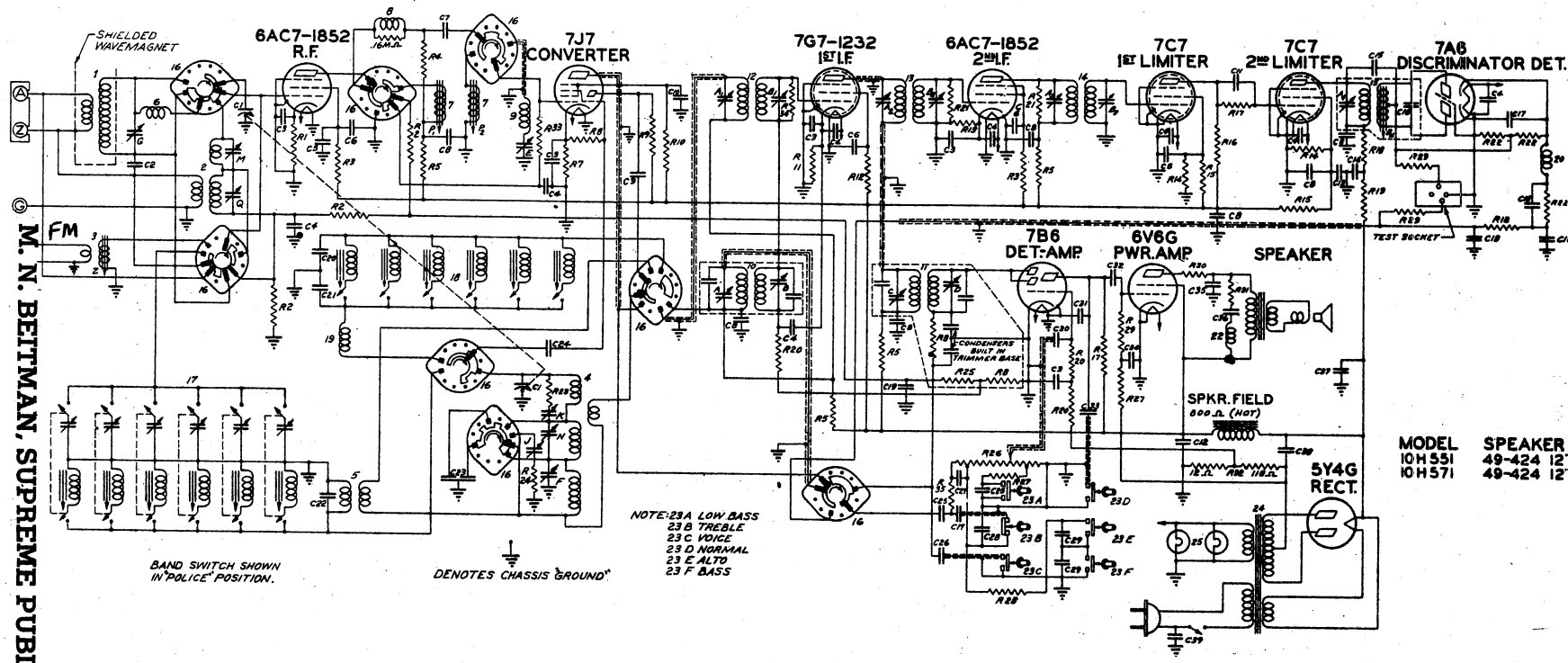

MODEL	SPEAKER
10H551	49-424 12"
10H571	49-424 12"

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AMP. MOD. I.F. FREQUENCY 455 KC.
FREQ. MOD. I.F. FREQUENCY 4.3 MC.
10 TUBE SUPERHETERODYNE
CHASSIS Nº 10A3-A.C.-4 BAND
ZENITH RADIO CORPORATION
CHICAGO, ILL.

Circuit Diagram

Models 10H551-10H571

Chassis No. 10A3

DIAG Nº	PART Nº	DESCRIPTION		DIAG Nº	PART Nº	DESCRIPTION		DIAG Nº	PART Nº	DESCRIPTION		DIAG Nº	PART Nº	DESCRIPTION		DIAG Nº	PART Nº	DESCRIPTION
C1	22-1121	TWO GANG VARIABLE		C30	22-188	.02 MFD.	400V	R17	63-276	220 M OHM	½W	11	95-764	2ND I.F. TRANSFORMER (A.M.)		A2		1ST I.F. TRANS. PRI. (F.M.)
C2	22-319	.005 MFD.	200V	C31	22-1136	.00025 MFD.	600V	R18	63-535	100 Ω OHM	½W	12	95-767	1ST I.F. - (F.M.)		A3		1ST I.F. - SEC. (F.M.)
C3	22-827	.1 MFD.	200V	C32	22-830	.02 MFD.	600V	R19	63-679	22 M OHM	½W	13	95-768	2ND I.F. - (F.M.)		F		WAVE TRAP
C4	22-829	.05 MFD.	200V	C33	22-648	.006 MFD.	600V	R20	63-271	1 MEGOHM	½W	14	95-769	3RD I.F. - (F.M.)		G	22-1015	BROADCAST OSC. NOTE 1
C5	22-1123	5 MFD. ELECTROLYTIC	300V	C34	22-219	.03 MFD.	200V	R21	63-652	420M OHM	½W	15	95-772	4TH I.F. - (F.M.)		G	22-1065	BROADCAST ANTENNA
C6	22-263	.01 MFD.	400V	C35	22-1134	.002 MFD.	1400V	R22	63-780	180 M OHM	½W	16	95-234	BAND SELECTOR SWITCH		J	22-688	BROADCAST PADDER
C7	22-182	.0001 MFD.	600V	C36	22-1128	.02 MFD.	600V	R23	63-578	68 OHM	½W	17		AUTOMATIC TUNING UNIT (SC.)		K		SHORT WAVE OSC. NOTE 1
C8	22-825	.1 MFD.	400V	C37	22-1129	.0005 MFD.	1000V	R24	63-572	15 OHM	½W	18		AUTOMATIC TUNING UNIT (F.M.)		M		SHORT WAVE ANT. NOTE 2
C9	22-358	.002 MFD.	600V	C38	22-1124	30 MFD. ELECTROLYTIC	450V	R25	63-773	180 M OHM	½W	19	59350	PEAKING COIL		N		POLICE BAND OSC. NOTE 1
C10	22-828	.05 MFD.	400V	C39	22-1041	.003 MFD.	600V	R26	63-1074	VOLUME CONTROL		20	58998	F.M. I.F. WAVETRAP		P		ULTRA HIGH FREQ. DET. (PLATE)
C11	22-127	.25 MMFD.	600V					R27	63-593	47 M OHM	½W					P1		ULTRA HIGH FREQ. DET. (GRID)
C12		15 MFD. ELECTROLYTIC	450V					R28	63-594	68 M OHM	½W	22	20-230	SPEAKER COMP. FILTER		P2		POLICE BAND ANT. NOTE 2
C13	22-1125	5 MFD. ELECTROLYTIC	300V					R29	63-597	470 M OHM	½W	23	3 8490	TONE CONTROL SW. ASSEM.		Z		ULTRA HIGH FREQ. ANTENNA
C14		15 MFD. ELECTROLYTIC	250V	R1	63-741	150 OHM	½W	R30	63-1130	100 OHM	1W	24	(95-771)	POWER TRANS. (50-60 ~				
C15	22-956	.0005 MFD.	600V	R2	63-600	2.2 MEGOHM	½W	R31	63-156	10 M OHM	1W		(95-773)	25 ~				
C16	22-1163	25 MMFD.	600V	R3	63-1159	39M OHM	1W	R32	63-1182	2 SECTION CANOHM		25	100-36	PILOT LIGHT 6.3V. .25A.				NOTE:
C17	22-259	50 MMFD.	600V	R4	63-1163	220Ω OHM	½W	R33	63-707	390 OHM	½W							(1) TRIMMERS F, M & N ARE MOUNTED ON STRIP Nº 22-856
C18	22-1136	.0005 MFD.	600V	R5	63-603	1000 OHM	½W	R34	63-589	10M OHM	½W							
C19	22-368	.001 MFD.	600V	R6	63-595	100 M OHM	½W	R35	63-701	470 OHM	½W							(II) TRIMMERS M & Q ARE MOUNTED ON STRIP Nº 22-1048
C20	22-1146	50 MMFD. COMP.	600V	R7	63-1164	300 OHM	½W	1		PANEMAGNET ASSEMBLY		A		1ST I.F. TRANS. PRI. (A.M.)				
C21	22-1139	50 MMFD. COMP.	600V	R8	63-713	47 M OHM	½W	2	S9075	ANTENNA COIL - (SW.)		B		1ST I.F. - SEC. (A.M.)				
C22	22-868	COMPENSATING COND.		R9	63-608	15M OHM	1W	3	S9065	ANTENNA COIL - (F.M.)		C		2ND I.F. - PRI. (A.M.)				
C23	22-1039	DUAL PADDER		R10	63-1160	56M OHM	1W	4	S9074	OSCILLATOR COIL -		D		2ND I.F. - SEC. (A.M.)				
C24	22-1140	50 MMFD.	600V	R11	63-1161	270 OHM	½W	5	S8416	OSCILLATOR COUPLING COIL		A1		1ST I.F. - PRI. (F.M.)				
C25	22-1127	.02 MFD.	400V	R12	63-1109	75M OHM	½W	6	S9064	LOOP LOADING COIL -		B1		1ST I.F. - SEC. (F.M.)				
C26	22-1135	.005 MFD.	600V	R13	63-846	150 OHM	½W	7	39066	DETECTOR COIL ASSEM. (F.M.)		A2		2ND I.F. - PRI. (F.M.)				
C27	22-1130	.15 MMFD.	600V	R14	63-607	15 M OHM	½W	8	S8359	COIL & RES. ASSEMBLY		B2		2ND I.F. - SEC. (F.M.)				
C28	22-1137	.0005 MFD.	600V	R15	63-1162	33 M OHM	1W	9	S8326	WAVE TRAP -		A3		3RD I.F. - PRI. (F.M.)				
C29	22-1126	.01 MFD.	400V	R16	63-961	47 M OHM	1W	10	95-765	1ST I.F. TRANSFORMER (F.M.)		B3		3RD I.F. - SEC. (F.M.)				