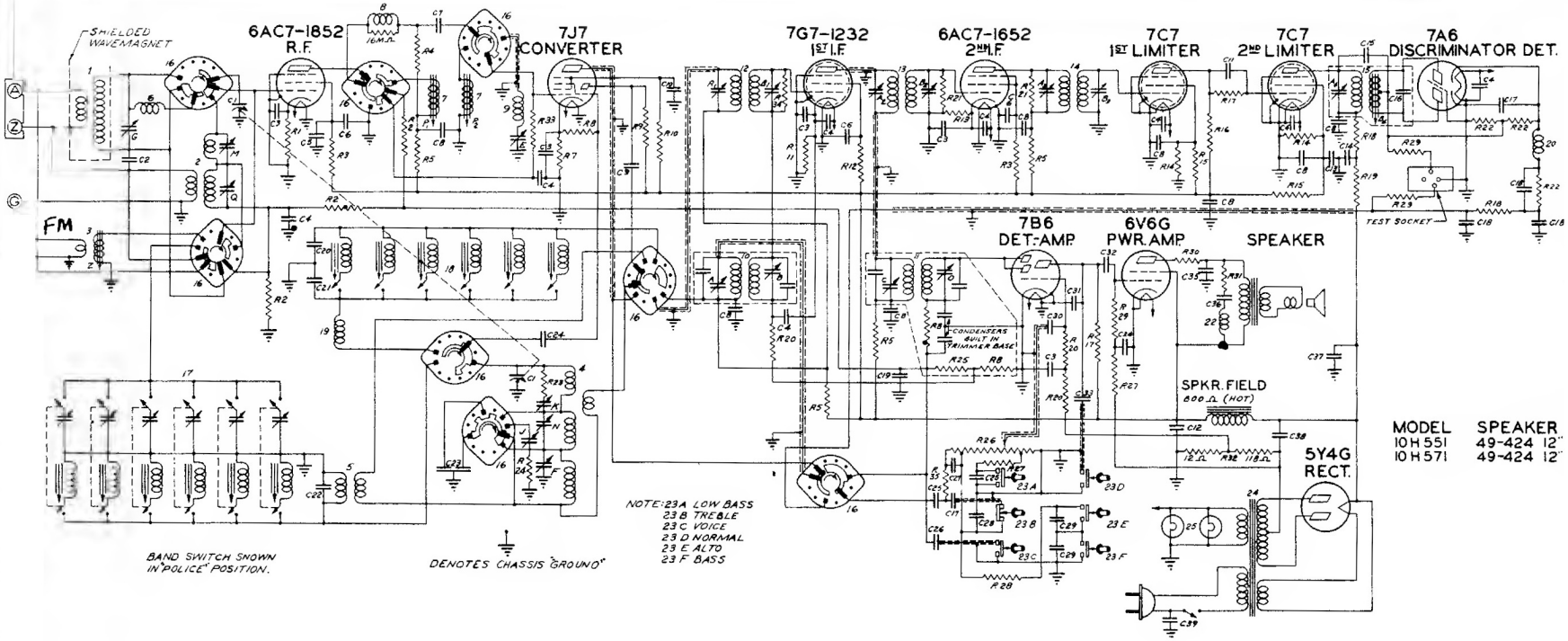

MODEL	SPEAKER
10H551	49-424 12"
10H571	49-424 12"

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	22-1188	.02 MFD.	400V	R17	63-296	220 M OHM	½ W	11	95-766	2ND I.F. TRANSFORMER (A.M.)		A2		1ST I.F. TRANS. PRI. (F.M.)
C2	22-319	.005 MFD	200V.	C31	22-1136	.0025 MFD	600V	R18	63-583	100 Ω OHM	½ W	12	95-767	1ST I.F. " (F.M.)		B2		1ST I.F. " SEC. (F.M.)
C3	22-827	.1 MFD.	200V.	C32	22-830	.02 MFD.	600V	R19	63-679	82 M OHM	1 W	13	95-768	2ND I.F. " (F.M.)		C	22-1015	WAVE TRAP
C4	22-829	.05 MFD.	200 V.	C33	22-448	.004 MFD	600V	R20	63-271	1 MEG OHM	½ W	14	95-769	3RD I.F. " (F.M.)		F		BROADCAST OSC. NOTE 1
C5	22-1123	5 MFD. ELECTROLYTIC	300V	C34	22-219	.03 MFD.	200V	R21	63-652	180 M OHM	½ W	15	95-772	4TH I.F. " (F.M.)		G	22-1042	BROADCAST ANTENNA
C6	22-843	.01 MFD	400V.	C35	22-1134	.002 MFD	1000V	R22	63-160	100 M OHM	½ W	16	85-234	BAND SELECTOR SWITCH		J	22-688	BROADCAST PADDER
C7	22-162	.0001 MFD	600V	C36	22-1128	.02 MFD	600V	R23	63-576	68 OHM	½ W	17		AUTOMATIC TUNING UNIT (BC)		K		SHORTWAVE OSC. NOTE 1
C8	22-825	.1 MFD.	400 V.	C37	22-1129	.0025 MFD.	1000V	R24	63-572	15 OHM	½ W	18		AUTOMATIC TUNING UNIT (FM)		M		SHORTWAVE ANT. NOTE 2
C9	22-358	.002 MFD.	600 V.	C38	22-1124	30 MFD. ELECTROLYTIC	450V	R25	63-773	150 M OHM	½ W	19	59350	PEAKING COIL		N		POLICE BAND OSC. NOTE 1
C10	21-828	.05 MFD	400 V.	C39	22-1041	.005 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	½ W					P2		ULTRA HIGH FREQ. DET. (GRID)
C12		(15 MFD. ELECTROLYTIC	450 V.					R28	63-594	680 M OHM	½ W	22	20-230	SPEAKER COMP. FILTER		Q		POLICE BAND ANT. NOTE 2
C13	22-1125	(5 MFD. ELECTROLYTIC	300 V.					R29	63-597	470 M OHM	½ W	23	58490	TONE CONTROL SW. ASSEM.		Z		ULTRA HIGH FREQ. ANTENNA
C14		(15 MFD. ELECTROLYTIC	25 V.	R1	63-741	150 OHM	½ W	R30	63-1158	100 OHM	½ W	24	95-771	POWER TRANS. 60-60 ~		M		
C15	22-956	.0065 MFD	600 V.	R2	63-600	2.2 MEG OHM	½ W	R31	63-156	10 M OHM	1 W		95-773	25 ~				
C16	22-1143	25 MMFD	600 V.	R3	63-1139	39 M OHM	1 W	R32	63-1142	2 SECTION CANDOHM		25	100-36	PILOT LIGHT 6.3 V. .25 A				NOTE: (1) TRIMMERS E, K & N ARE MOUNTED ON STRIP Nº 22-850
C17	22-289	50 M MFD.	600 V.	R4	63-1163	2200 OHM	½ W	R33	63-715	100M OHM	½ W							
C18	22-1138	.0005 MFD	600 V.	R5	63-635	1000 OHM	½ W	R34	63-589	1.0M OHM	½ W							
C19	22-348	.001 MFD	600 V.	R6	63-595	100 M OHM	½ W	R35	63-701	470 OHM	½ W							(2) TRIMMERS M & R ARE MOUNTED ON STRIP Nº 22-1045
C20	22-1146	50 M MFD. COMP.	600 V.	R7	63-1164	300 OHM	½ W	1		WAVEMAGNET ASSEMBLY		A		1ST I.F. TRANS PRI. (A.M.)				
C21	22-1139	50 M MFD. COMP.	600 V.	R8	63-713	47 M OHM	½ W	2	S9075	ANTENNA COIL - (SW)		B		1ST I.F. " SEC. (A.M.)				
C22	22-868	COMPENSATING COND.		R9	63-608	15 M OHM	1 W	3	S9065	ANTENNA COIL - (F.M.)		C		2ND I.F. " PRI. (A.M.)				
C23	22-1039	DUAL PADDER		R10	63-1160	56 M OHM	1 W	4	S9074	OSCILLATOR COIL "		D		2ND I.F. " SEC. (A.M.)				
C24	22-1140	50 MMFD	600 V.	R11	63-1161	270 OHM	½ W	5	S6466	OSCILLATOR COUPLING COIL		A1		1ST I.F. " PRI. (F.M.)				
C25	22-1127	.02 MFD.	400 V.	R12	63-1109	75 M OHM	1 W	6	S9044	LOOP LOADING COIL		B1		1ST I.F. " SEC. (F.M.)				
C26	22-1135	.005 MFD.	600 V.	R13	63-246	150 OHM	½ W	7	S9065	DETECTOR COIL ASSEM. (F.M.)		A2		2ND I.F. " PRI. (F.M.)				
C27	22-1130	15 MMFD.	600 V.	R14	63-607	1.5 M OHM	½ W	8	S8359	COIL & RES. ASSEMBLY		B2		2ND I.F. " SEC. (F.M.)				
C28	22-1137	.0001 MFD	600 V.	R15	63-1162	33 M OHM	1 W	9	S8326	WAVETRAP "		A3		3RD I.F. " PRI. (F.M.)				
C29	22-1126	.01 MFD.	400 V.	R16	63-961	47 M OHM	1 W	10	95-765	1ST I.F. TRANSFORMER (A.M.)		B3		3RD I.F. " SEC. (F.M.)				