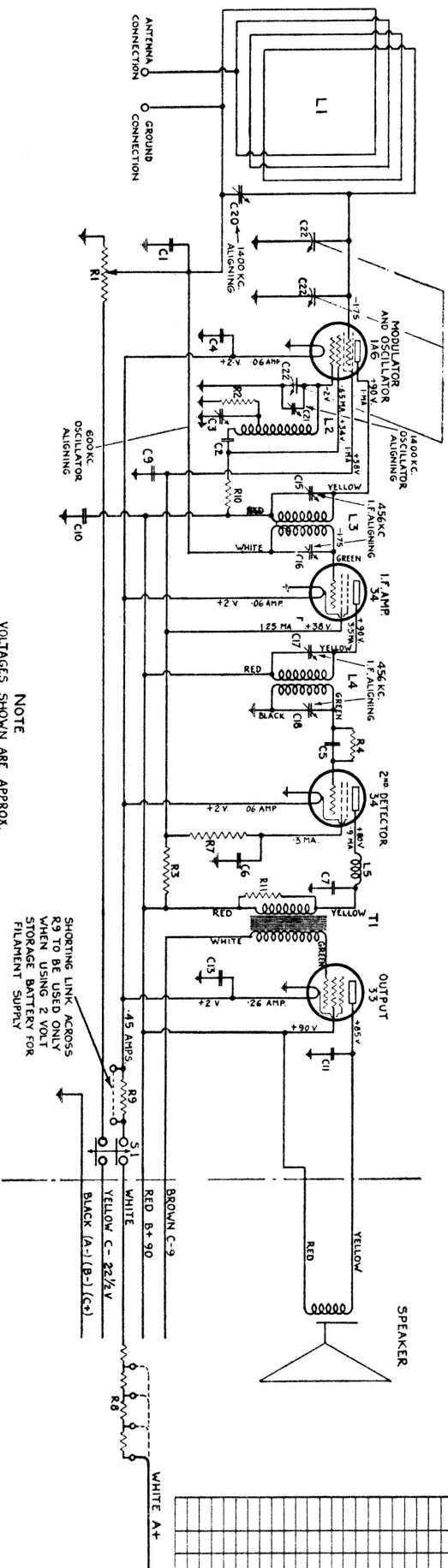




NOTE
VOLTAGES SHOWN ARE APPROX.
READINGS THAT SHOULD BE
OBTAINED WITH A 1000 OHMS.
PER VOLT. VOLTMETER, BETWEEN
POINT WHERE VOLTAGE IS INDICATED
AND GROUND (CHASSIS).

SHORTING LINK ACROSS
R3 TO BE USED ONLY
WHEN USING 2 VOLT
STORAGE BATTERY FOR
FILAMENT SUPPLY

ITEM	RESISTANCE	LIMITS	WATTS	REMARKS	PART No
R1	50000	OHMS			11429-A
R2	100000	± 15%	1/4 W	VOL. CONTROL	32604
R3	16000	± 10%	1/2 W	CARBON	53722
R4	2000.000	± 20%	1/4 W	"	53706
R7	100.000	± 20%	1/4 W	"	53706
R8	4 x 1/2	± 3%	1/4 W	CANDOHM	11480-A
R9	50000	± 15%	1/2 W	"	58203
R10	500.000	± 20%	1/2 W	CARBON	53702
R11				"	21006
ITEM	CAPACITY	LIMITS	VOLTAJE	REMARKS	PART No
C1	1	+20% -10%	200	PAPER	58106
C2	0.0005	± 10%	750	THICK	54110
C3	VARIABLE	200-500 MHF	200	OSC. SERIES PND	4036-A
C4	.25	+20% -10%	200	PAPER	58107
C5	.0001	± 20%	750	THICK	57901
C6	1	+20% -10%	200	PAPER	58106
C7	.0002	± 20%	750	THICK	54105
C9	.25	+20% -10%	200	PAPER	58107
C10	.5	+20% -10%	200	"	58108
C11	.003	+20% -10%	500	"	58103
C13	.25	+20% -10%	200	"	58107
C15	VARIABLE			DUAL I.F.	4035-A
C16	"			TREBLE COND.	
C17	"			DUAL I.F.	4035-A
C18	"			TREBLE COND.	
C19	"			ANT. ALIGNING	4139-A
C20	"			OSC. COND.	5 GANG
C22	TUNING COND.				11425-C

Rogers Majestic 4443 Battery Operated Portable Receiver

ITEM	DESCRIPTION	PART NO.
L1	LOOP ANTENNA	4020-A
L2	OSCILLATOR COIL	4026-A
L3	1ST I.F. TRANSFORMER	4028-A
L4	2ND I.F. TRANSFORMER	4028-A
L5	R.F. CHOKE DET. PLATE	3551-A
T1	AUDIO TRANSFORMER	4024-A
S1	BATTERY SWITCH	11425-A
	SPEAKER 6" BEST MAGNETIC	11484-A

ENGINEERING DATA			
Sensitivity	Overall - 10 μV Osc. Mod. = 175 μV @ 456 KC.		
Selectivity	100 X = 5000 μV; 2nd Det. = 150,000 μV		
Image Ratio	at 600 K.C. = 150		
Antenna Gain	at 300 K.C. = 80		
Conversion Gain	at 150 K.C. = 50		
Fidelity (at 1000 KC.)	200 C.P.S. = 30%		
Power Output (undistorted)	250 milliwatts		
Oscillator E.F.	12 V.		
Power Output (undistorted)	250 milliwatts		
Scale	100-1000		
Raw Material	100-1000		
Finished Material	100-1000		
Part 4443 - PORTABLE	RECEIVER - SCHEMATIC		
11891			