

Marconi Model XX (A.C. Junior)

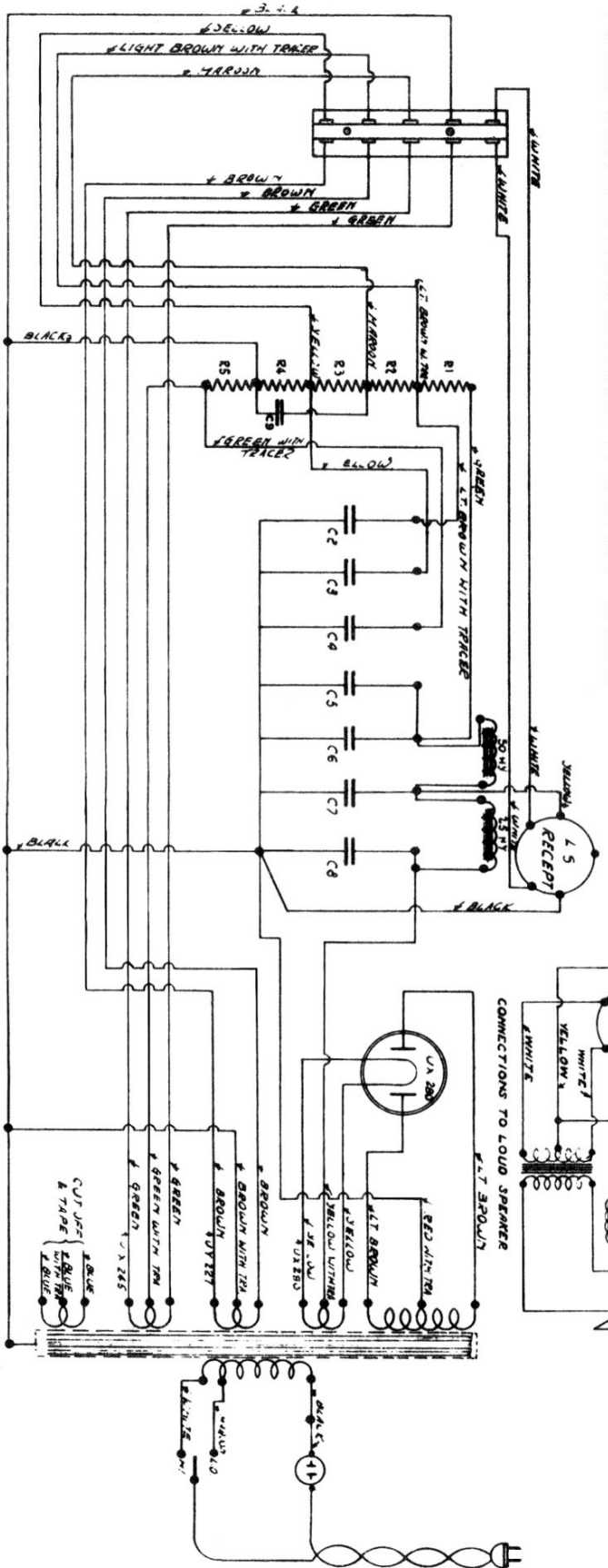
11		11	
10		10	250,000 m. A.C., TYPE "C" (dark red)
9		9	750 OHMS ELECTRAD SUPER TONARROL
8		8	200 OHMS TRIM-1185 CHICAGO REC SWGCR
7		7	5. 15 OHMS TRIM-1135R ADVANCE WIREBUD
6		6	
5		5	
4		4	120 OHMS 4 WATT TYPE WELASIS
3		3	1000 OHMS 3/4 WATT BLACK
2		2	1500 OHMS .75 WATT 4.5 INCH
1		1	1500 OHMS .4 WATT 4.5 INCH
			CONDENSERS
			RESISTANCES

USED ON _____
 REQ TYPE NO _____
 DR. PRIN. CK. AP.
 CANADIAN MARCONI COMPANY LIMITED
 DATE: - MAR 18 1930
 REPAIRS OF WIRES ADDED
 ISSUE 2. MAY 18-1930 - MAR
 ISSUE 3 - JUNE 6-1930 - MAR
 ISSUE 4 - JUNE 20-1930 - MAR
 R-10 WAS 500,000 m. A.C. TYPE B (YELLOW & BLACK)
 ISSUE 5 - JULY 2-1930 - MAR

26486
 RECEIVER CHASSIS
 TYPE: XX AC
 JUNIOR

pacifictv.ca September 2013

Marconi Model XX Power Unit



11			
10			
9	1 MFD "HYDRA"		
8	6 MFD		
7	3 MFD		
6	2 MFD		
5	2 MFD	16 MFD "HYDRA"	
4	1 MFD		
3	1 MFD		
2	1 MFD		
1			

5	750 OHMS	VOLTAGE DIVIDER
4	25,000 OHMS	
3	1100 OHMS	
2	3375 OHMS	
1	3750 OHMS	

CONDENSERS

RESISTORS

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DATE: 2013-07-20
 C9 ADDED
 ISSUE 2 JUNE 2013
 C1 MFD 2A 1 MFD HYDRA
 ISSUE 3 JULY 31-930 WRM
 CONNECTIONS TO LOAD SPEAKER
 ADDED
 ISSUE 4 AUG 22, 1930

DR. KEN CHAPMAN
 CANADIAN MARCONI COMPANY LIMITED

POWER UNIT
A.C. JUNIOR

26739

Marconi Model XX (A.C. Junior) Voltage & Current Chart

Type and Position of Tubes	WITH DIAL AT 500 K.C.				WITH DIAL AT 1,500 K.C.			
	1st, 2nd, 3rd R.F. UY227	Det. UY227	1st A.F. UY227	2nd A.F. UX245	Rect. UX280	1st, 2nd, 3rd R.F. UY227	Det. UY227	1st A.F. UY227
Volume control.....	On	Off	On	Off	On	Off	On	Off
Plate volts.....	105	135	100	250	375	110-115	40-50	115
Grid volts.....	4.2	24-26	4.5	46	65	7-8	3-3.5	5-6
Plate m.a.....	525	32	...	3.5	...	4.5
Plate current change (grid test)	10.55	37	...	7.5	...	7
Filament volts.....	2.3	2.3	2.3	2.3	4.9	2.3	2.3	2.3

Current supplied to speaker field (chassis disconnected)..... 40 mills.
 Total current supplied to speaker field and power tubes (yellow lead to speaker socket) 90-100 mills.