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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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QUARTERLY REPORT

PRODUCTION AND SALES OF RADIO RECEIVING SETS

OCTOBER, NOVEMBER AND DECEMBER, 1936.

Production of radio receiving sets in Canada during October, November and December of 1936, numbered 91,898 machines with a factory selling value of \$4,333,945 to make a total for the year of 253,896 sets at \$11,388,173. The number of sets produced in 1936 exceeded by 33 per cent the total for the previous year which in turn was only one per cent over 1934.

Radio sales during 1936 numbered 247,920 sets with a selling value of \$22,175,833 as against sales of 190,289 sets at \$16,513,520 in 1935 and 167,177 sets at \$7,344,635 in 1934. Data for the year under review when compared with the figures for 1935, show that the sale of A.C. operated sets increased to 168,107 from 135,088, battery sets showed an improvement to 60,975 from 38,658 and automobile or portable sets rose slightly to 18,838 from 16,543.

Inventories of radio receivers in the hands of the manufacturers on December 31, 1936 were reported at 33,095 A.C. sets, 6,401 battery sets and 774 automobile sets.

During the year Canadian manufacturers of radio tubes produced 2,940,296 tubes worth \$1,646,705, and during the twelve-month period 565,873 tubes appraised at \$289,659 were imported.

TABLE 1 - PRODUCTION OF RADIO RECEIVING SETS IN CANADA, 1925 - 1936.

Years	Number of Sets	Selling value at works (x)	Years	Number of Sets	Selling value at works (x)
		\$			\$
1925 ...	48,531	2,278,292	1933 ...	112,273	4,401,313
1926 ...	42,430	2,253,098	1934 ...	188,710	8,196,248
1927 ...	47,500	3,748,622	1935 (a)	191,293	9,493,399
1928 ...	81,032	7,486,127	1936 ...	253,896	11,388,173
1929 ...	150,050	15,604,145			
1930 ...	170,082	19,196,936			
1931 ...	291,711	18,555,710			
1932 ...	121,468	6,808,877			

(a) Revised figures.

TABLE 2 - PRODUCTION, BY QUARTERS, 1931 - 1936.

	1931	1932	1933	1934	1935	1936
	No.	No.	No.	No.	No.	No.
First quarter	41,129	42,430	9,480	32,531	23,573	28,717
Second quarter.....	35,782	6,393	12,765	25,453	24,711	40,954
Third quarter.....	85,023	30,804	22,061	46,969	56,043	92,327
Fourth quarter.....	131,777	41,841	67,967	83,757	86,966	91,898
TOTAL FOR YEAR	291,711	121,468	112,273	188,710	191,293	253,896

TABLE 3 - PRODUCERS' SALES IN CANADA, BY PROVINCES, 1931-1936.

Provinces	1931	1932	1933	1934	1935	1936
	No.	No.	No.	No.	No.	No.
Maritimes	17,298	8,740	8,720	12,566	12,903	16,941
Quebec.....	78,171	30,545	26,559	31,384	34,276	47,238
Ontario.....	126,404	52,412	53,622	66,834	78,698	97,034
Manitoba.....	19,340	12,875	12,542	16,251	18,583	28,591
Saskatchewan and Alberta..	21,007	16,059	15,741	23,277	28,257	35,602
British Columbia.....	23,902	12,823	13,309	16,865	17,572	22,514
CANADA	286,122	133,454	130,493	167,177	190,289	247,920

TABLE 4 - PRODUCERS' SALES IN CANADA, BY TYPES, 1931-1936.

Types	1931	1932	1933	1934	1935	1936
	No.	No.	No.	No.	No.	No.
A. C. OPERATED RECEIVING SETS-						
Table and mantle.....	265,364	120,317	(38,085	57,534	55,373	74,675
Consols.....			(44,719	70,526	79,284	92,448
Combination, phonograph and radio.....	13,738	4,907	8,597	1,114	431	934
TOTAL.....	279,102	125,224	91,401	129,174	135,088	168,107
BATTERY OPERATED (except Automobile and Portable) -						
Table and mantle.....	1,353	1,353)	10,967	(9,433	21,444	39,088
Consols.....	4,982	6,327)		(15,865	17,214	21,887
TOTAL.....	6,335	7,680	10,967	25,298	38,658	60,975
Automobile and portable	685	550	9,905	12,705	16,543	18,838
GRAND TOTAL.....	286,122	133,454	112,273	167,177	190,289	247,920

TABLE 5 - PRODUCERS' SALES IN CANADA, BY PROVINCES AND BY QUARTERS, 1931 - 1936.

Provinces	Years	First quarter	Second quarter	Third quarter	Fourth quarter	Calendar year	% of total for year
		No.	No.	No.	No.	No.	%
Maritimes	1931	2,611	2,000	4,786	7,901	17,298	6.0
	1932	2,591	602	1,940	3,607	8,740	6.6
	1933	1,704	836	1,763	4,417	8,720	6.7
	1934	2,146	1,096	2,647	6,677	12,566	7.5
	1935	1,497	1,035	3,820	6,551	12,903	6.8
	1936	1,996	1,466	5,887	7,592	16,941	6.8
Quebec	1931	13,624	7,907	22,648	33,992	78,171	27.3
	1932	10,820	2,953	6,166	10,606	30,545	22.9
	1933	3,971	3,168	5,304	14,116	26,559	20.3
	1934	5,217	3,254	6,778	16,135	31,384	18.8
	1935	4,574	3,979	8,879	16,844	34,276	18.0
	1936	6,442	6,051	14,003	20,742	47,238	19.1
Ontario.....	1931	23,272	12,355	30,342	60,435	126,404	44.2
	1932	19,252	4,498	12,164	16,498	52,412	39.3
	1933	10,584	6,256	11,589	25,193	53,622	41.1
	1934	11,639	9,392	15,463	30,340	66,834	40.0
	1935	12,667	13,432	19,350	33,249	78,698	41.4
	1936	15,948	15,084	27,015	38,987	97,034	39.1
Manitoba.....	1931	2,581	1,491	5,919	9,349	19,340	6.7
	1932	3,083	1,463	4,458	3,871	12,875	9.6
	1933	1,806	908	2,635	7,193	12,542	9.6
	1934	1,680	935	5,063	8,573	16,251	9.7
	1935	1,269	1,226	7,742	8,346	18,583	9.8
	1936	2,686	2,546	13,808	9,551	28,591	11.5
Saskatchewan and Alberta.....	1931	2,107	2,243	5,713	10,944	21,007	7.4
	1932	3,301	854	5,719	6,185	16,059	12.0
	1933	2,157	1,014	4,366	8,204	15,741	12.1
	1934	1,852	1,285	8,455	11,685	23,277	13.9
	1935	1,040	2,831	13,571	10,815	28,257	14.8
	1936	2,167	3,735	15,675	14,025	35,602	14.4
British Columbia	1931	3,458	2,096	7,500	10,848	23,902	8.4
	1932	3,357	840	3,853	4,773	12,823	9.6
	1933	1,592	1,902	3,709	6,106	13,309	10.2
	1934	2,886	1,637	4,289	8,053	16,865	10.1
	1935	2,219	1,308	5,602	8,443	17,572	9.2
	1936	2,575	2,364	8,206	8,869	22,514	9.1
CANADA.....	1931	47,653	28,092	76,908	133,469	286,122	100.0
	1932	42,404	11,210	34,300	45,540	133,454	100.0
	1933	21,814	14,084	29,366	65,229	130,493	100.0
	1934	25,420	17,599	42,695	81,463	167,177	100.0
	1935	23,266	23,811	58,964	84,248	190,289	100.0
	1936	31,814	31,746	84,594	99,766	247,920	100.0

TABLE 6 - PRODUCERS' SALES IN CANADA OF ALL TYPES OF RADIO SETS, BY CLASSES AND BY

Classes according to number of tubes	Unit	Prince Edward Island,		
		Nova Scotia and New Brunswick	Quebec	Ontario
A. C. OPERATED RECEIVING SETS -				
Consols only -				
4 tubes or less.....	No.	(1)	62	32
5 tubes.....	No.	961	2,779	5,186
6 tubes.....	No.	310	783	2,783
7 tubes.....	No.	228	739	1,433
8 tubes.....	No.	524	1,666	3,002
9 tubes.....	No.	398	1,297	2,391
10 tubes.....	No.	145	698	975
11 tubes.....	No.	41	385	307
12 tubes and over.....	No.	88	712	937
Total Consols.....	No.	2,694	9,121	17,046
Total Value at List Prices.....	\$	336,810	1,263,933	2,257,619
Table and Mantle only -				
4 tubes or less.....	No.	361	4,348	4,085
5 tubes.....	No.	1,546	4,096	5,808
6 tubes.....	No.	295	472	933
7 tubes.....	No.	128	476	464
8 tubes and over.....	No.	442	922	1,130
Total Table and Mantle.....	No.	2,772	10,314	12,420
Total Value at List Prices.....	\$	195,407	597,429	754,532
Combinations, phonograph and radio..	No.	14	153	162
Value at List Prices.....	\$	4,571	49,338	46,304
GRAND TOTAL A.C. RECEIVING SETS ..	No.	5,480	19,588	29,628
GRAND TOTAL VALUE AT LIST PRICES. \$		536,788	1,910,700	3,058,455
AUTOMOBILE SETS -				
4 tubes or less.....	No.	-	-	-
5 tubes.....	No.	4	38	100
6 tubes.....	No.	8	42	2,485
7 tubes and over.....	No.	-	-	388
Total Automobile Sets.....	No.	12	80	2,973
Total Value at List Prices.....	\$	700	4,698	155,325
PORTABLE SETS.....	No.	2	5	6
Value at List Prices.....	\$	315	788	945
BATTERY OPERATED RECEIVING SETS (Excluding automobile and portable)				
Consols only -				
4 tubes or less.....	No.	79	56	282
5 tubes.....	No.	228	69	696
6 tubes.....	No.	225	126	581
7 tubes.....	No.	109	9	681
8 tubes and over.....	No.	81	51	257
Total Consols.....	No.	722	311	2,497
Total Value at List Prices.....	\$	68,752	35,185	237,922
Table and Mantle only -				
4 tubes or less.....	No.	427	275	1,358
5 tubes.....	No.	516	258	1,197
6 tubes.....	No.	228	136	769
7 tubes.....	No.	143	37	417
8 tubes and over.....	No.	62	52	142
Total Table and Mantle.....	No.	1,376	758	3,883
Total Value at List Prices.....	\$	79,111	46,577	232,159
GRAND TOTAL ALL BATTERY SETS (Except automobile and portable)	No.	2,098	1,069	6,380
GRAND TOTAL VALUE AT LIST PRICES ..	\$	147,863	81,762	470,081
GRAND TOTAL - ALL SETS.....	No.	7,592	20,742	38,987
GRAND TOTAL VALUE AT LIST PRICES \$		685,666	1,997,948	3,684,806

PROVINCES, OCTOBER, NOVEMBER AND DECEMBER, 1936, and INVENTORY AT END OF DECEMBER, 1936.

Manitoba	Saskatchewan	Alberta	British Columbia	CANADA	Producers' stocks Dec. 31, 1936.
	5	-	-	98	6
397	224	259	684	10,490	6,064
324	83	120	402	4,805	1,999
220	53	108	258	3,039	1,088
517	200	277	869	7,055	3,100
484	226	298	696	5,790	2,436
175	102	90	259	2,444	2,124
89	37	46	91	996	715
171	83	119	288	2,398	2,249
2,377	1,013	1,317	3,547	37,115	19,781
343,934	145,324	192,166	510,343	5,050,129	-
677	432	756	1,587	12,246	5,435
745	364	553	1,302	14,414	4,686
82	40	61	222	2,105	826
85	36	69	151	1,409	661
151	103	186	426	3,360	1,214
1,740	975	1,625	3,688	33,534	12,822
116,816	56,422	96,151	224,746	2,041,503	-
32	9	16	53	439	492
9,394	2,497	4,785	16,839	133,728	-
4,149	1,997	2,958	7,288	71,088	33,095
470,144	204,243	293,102	751,928	7,225,360	-
11	-	-	-	11	91
15	6	15	38	216	178
12	(20)	9	36	2,572	466
				388	39
38	(14)	24	74	3,187	774
2,402	(867)	1,382	4,440	168,080	-
(1)	-	6	12	30	29
(158)	-	945	1,890	4,725	-
80	98	108	15	718	1,281
615	497	532	159	2,796	572
358	604	445	153	2,492	1,007
272	102	266	35	1,474	532
232	125	227	97	1,070	658
1,557	1,426	1,578	459	8,550	4,050
147,259	130,581	155,920	49,185	824,804	-
1,236	1,041	1,243	313	5,893	252
2,115	1,392	1,303	348	7,129	177
236	506	243	219	2,337	863
61	28	46	32	764	781
160	125	123	124	788	278
3,808	3,092	2,958	1,036	16,911	2,351
196,075	169,724	154,285	66,868	944,799	-
5,365	4,518	4,536	1,495	25,461	6,401
343,334	300,305	310,205	116,053	1,769,603	-
9,551	6,501	7,524	8,869	99,766	40,299
815,722	503,681	605,634	874,311	9,167,768	-

TABLE 7 - PRODUCERS' SALES IN CANADA OF ALL TYPES OF

Classes according to number of tubes	Unit	Prince Edward Island		
		Nova Scotia and New Brunswick	Quebec	Ontario
A. C. OPERATED RECEIVING SETS -				
Consols only -				
4 tubes or less.....	No.		106	82
5 tubes.....	No.	2,296	6,919	14,068
6 tubes.....	No.	1,278	3,119	7,105
7 tubes.....	No.	651	2,415	4,232
8 tubes.....	No.	1,125	3,254	6,219
9 tubes.....	No.	760	2,151	3,963
10 tubes.....	No.	355	1,844	2,198
11 tubes.....	No.	90	620	825
12 tubes and over.....	No.	169	1,360	1,655
Total Consols.....	No.	6,724	21,788	40,347
Total Value at List Prices.....	\$	817,440	2,872,957	5,114,672
Table and Mantle only -				
4 tubes or less.....	No.	734	7,621	7,665
5 tubes.....	No.	3,080	4,710	14,973
6 tubes.....	No.	956	1,671	2,693
7 tubes.....	No.	418	1,285	1,546
8 tubes and over.....	No.	691	1,551	2,096
Total Table and Mantle.....	No.	5,879	20,838	28,973
Total Value at List Prices.....	\$	413,973	1,255,240	1,756,748
Combinations, phonograph and radio.....	No.	30	333	298
Value at List Prices.....	\$	8,010	101,849	83,903
GRAND TOTAL A.C. RECEIVING SETS.....	No.	12,633	42,959	69,618
GRAND TOTAL VALUE AT LIST PRICES.....	\$	1,239,423	4,230,046	6,955,323
AUTOMOBILE SETS -				
4 tubes or less.....	No.	3	21	31
5 tubes.....	No.	166	618	2,677
6 tubes.....	No.	190	820	11,703
7 tubes and over.....	No.	2	7	608
Total Automobile Sets.....	No.	361	1,466	15,019
Total Value at List Prices.....	\$	21,370	87,222	785,286
PORTABLE SETS.....	No.	6	18	30
Value at List Prices.....	\$	673	1,928	3,075
BATTERY OPERATED RECEIVING SETS (excluding automobile and portable)				
Consols only -				
4 tubes or less.....	No.	196	253	699
5 tubes.....	No.	421	252	1,564
6 tubes.....	No.	501	336	1,117
7 tubes.....	No.	199	94	1,021
8 tubes and over.....	No.	175	94	372
Total Consols.....	No.	1,492	1,029	4,773
Total Value at List Prices.....	\$	139,078	100,353	420,325
Table and Mantle only -				
4 tubes or less.....	No.	705	769	2,584
5 tubes.....	No.	803	444	2,227
6 tubes.....	No.	553	394	1,901
7 tubes.....	No.	269	82	712
8 tubes and over.....	No.	119	77	220
Total Table and Mantle.....	No.	2,449	1,766	7,594
Total Value at List Prices.....	\$	144,486	105,937	453,564
GRAND TOTAL ALL BATTERY SETS (except automobile and portable).....	No.	3,941	2,795	12,367
GRAND TOTAL VALUE AT LIST PRICES.....	\$	283,564	206,290	873,889
GRAND TOTAL ALL SETS.....	No.	16,941	47,238	97,034
GRAND TOTAL VALUE AT LIST PRICES.....	\$	1,545,030	4,525,486	8,617,573

NOTE The figures in brackets indicates the extent to which sales are exceeded by re-
turned merchandise.

RADIO SETS, BY CLASSES AND BY PROVINCES, CALENDAR YEAR 1936.

Manitoba	Saskatchewan	Alberta	British Columbia	CANADA
15	10	20	30	263
1,436	721	967	2,339	28,746
1,303	370	708	1,579	15,452
929	269	523	1,416	10,435
1,171	560	714	1,749	14,792
823	335	585	1,466	10,083
512	243	273	763	6,188
172	55	95	197	2,054
369	144	234	554	4,485
6,720	2,707	4,119	10,093	92,498
911,258	359,798	552,072	1,368,141	11,996,338
1,477	777	1,383	2,342	21,999
2,049	935	1,635	3,292	34,674
528	217	456	891	7,412
299	188	283	686	4,705
306	177	312	752	5,885
4,659	2,294	4,069	7,963	74,675
300,385	140,483	250,830	516,446	4,634,105
80	17	47	129	934
21,108	4,276	12,666	37,491	269,303
11,459	5,018	8,235	18,185	168,107
1,232,751	504,557	815,568	1,922,078	16,899,746
18		3	6	82
316	109	188	394	4,468
183	142	239	287	13,564
1	1	2	4	625
518	252	432	691	18,739
30,661	15,034	25,555	41,012	1,006,140
7	2	12	24	99
581	209	1,459	2,925	10,850
568	462	522	164	2,834
1,831	1,417	1,502	375	7,362
1,357	1,464	1,403	347	6,325
637	328	356	141	2,776
582	374	521	242	2,360
4,975	4,045	4,304	1,269	21,887
475,789	369,815	403,716	127,338	2,036,414
3,185	2,120	2,419	792	12,524
4,505	2,357	2,849	712	13,897
2,763	1,405	1,049	469	8,534
756	519	182	132	2,652
423	168	234	240	1,481
11,632	6,569	6,733	2,345	39,088
626,448	373,260	370,691	148,297	2,222,683
16,607	10,614	11,037	3,614	60,975
1,102,237	743,075	774,407	275,635	4,259,097
28,591	15,886	19,716	22,514	247,920
2,366,230	1,262,875	1,616,989	2,241,650	22,175,835



1010669559

LIST OF MANUFACTURERS OF RADIO RECEIVING SETS -
FOURTH QUARTER, 1936.

<u>Name</u>	<u>Addresses</u>
Canadian General Electric Co. Ltd.	212 King St. W., Toronto 2, Ont.
Canadian Marconi Co. Ltd.	211 St. Sacrament St., Montreal, P.Q.
Canadian Westinghouse Co. Ltd.	Sanford Ave., Hamilton, Ont.
Dominion Electrohome Industries Ltd.	102 Breithaupt St., Kitchener, Ont.
Mohawk Radio Ltd.	436 Wellington St. W., Toronto 2, Ont.
Northern Electric Co. Ltd.	1620 Notre Dame St.W., Montreal, P.Q.
Philco Products Limited of Canada	1244 Dufferin St., Toronto, Ont.
Rogers-Majestic Corporation Limited	622 Fleet St., Toronto, Ont.
Sparton of Canada, Limited	268 St. James St., London, Ont.
Stewart-Warner-Alemite Corporation of Canada, Limited	Belleville, Ont.
Stromberg-Carlson Telephone Mfg. Co. of Canada, Ltd.	211 Geary Ave., Toronto (4), Ont.
Victor Talking Machine Company of Canada, Limited	925 Lenoir St., Montreal, P.Q.

TABLE 8 - PRODUCTION IN CANADA AND IMPORTS OF RADIO RECEIVING TUBES, 1929-1936.

Year	P R O D U C T I O N		I M P O R T S	
	Number	Value	Number	Value
1929	2,924,270	3,100,148	...	524,872
1930	3,116,096	3,181,276	...	327,728
1931	3,297,007	2,298,098	...	113,760
1932	2,747,456	1,610,850	55,762	60,157
1933	1,731,569	1,023,364	119,367	84,027
1934	2,367,674	1,389,815	266,283	155,271
1935	2,151,041	1,214,365	460,749	258,149
1936	2,940,296	1,646,705	565,873	289,659

LIST OF MANUFACTURERS OF RADIO RECEIVING TUBES, 1936.

Canadian Westinghouse Co. Ltd.,	Hamilton, Ontario.
Rogers Radio Tubes Ltd.,	Toronto, Ontario.
Radio Valve Co. of Canada, Ltd.,	Toronto, Ontario.