

RADIO SET BUILDING CONTEST

November 13th to December 13th, 1924

The Heart of the Set is the Tube



R-215-A PEANUT TUBE

R-215-A Peanut Tube is the best known Radio Vacuum Tube and is the smallest. Embodies sensitivity, rigidity, stability and reliability.

The method of construction the Peanut Tube has been rendered the quietest and the most efficient Radio Receiving Vacuum Tube on the market today. Developed for use in many aeroplanes, it has become the universal radio tube and has been styled "the universal aeromarine bottle of the age" from its versatility.

It will detect, amplify (Radio F. and Audio F.) and oscillate on exceptionally low battery consumption.

Insist on Northern Electric Canadian-made parts. All dealers can supply them.

Phone or write us for circuit diagrams and literature.

Northern Electric Company
LIMITED

"MAKERS OF THE NATION'S TELEPHONES."

75-181 KING STREET

LONDON, ONTARIO.

RADIO AMATEURS AND RADIOPHANS

Get Into the Contest—It Is Easy To

BUILD A FIRST-CLASS RECEIVING SET

when you have the plans to guide you—but remember **WE KNOW** what you should use in the building of the set. Diagrams and List of Parts supplied free.

CONSULT THE RADIO EXPERT AND ADVISER Who Served in the ROYAL AIR FORCE as Wireless and Radio instructor during the World War.

You will be given every attention when desiring information. **ASK FOR 'MAC'**

Good Parts—Standard Parts Plus Honest-To-Goodness Radio Expert Advice Plus Your Good Efforts Equals a First-Class Radio Receiving Outfit.

Special Offer 5% Discount

off everything you buy at our store.

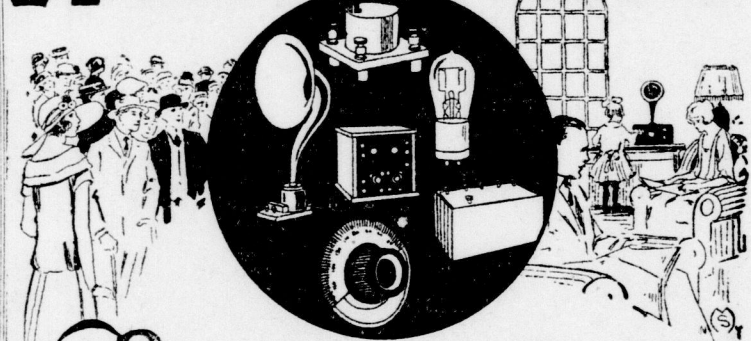
Get Your Entry Form

RADIO PARTS AND ALL SUPPLIES IN STOCK AT

LONDON RADIO SHOP

298 DUNDAS ST.
Tel. 2863.

RADIO PARTS



Build your Own!

VACUUM TUBES

UV200 Radiotron	\$5.50
UV201A Radiotron	\$5.50
UV199 Radiotron	\$5.50
WD12 Westinghouse	\$5.50
WD11 Westinghouse	\$5.50
WD25 Westinghouse	\$5.50
R215 Peanut	\$4.00
Myers	\$4.00

PARTS

Varicoupler, 180 Deg.	\$4.00
Varicoupler, Bakelite	\$6.00
Variometer, Bakelite	\$7.00
Variable Condenser—	
11 plate	\$2.00
21 plate	\$2.50
41 plate	\$3.50
Rheostat, 30 ohm	\$1.25
Rheostat, 300 ohm	\$1.25
Potentiometer, 400 ohm	\$1.25
Bakelite Socket	75c
Dongon Transformer	\$4.00
Splitdorf Headset	\$7.00
Brandes Headset	\$7.00

REDUCED PRICES ON STANDARD LINES

\$3.00 Single Receiver	\$1.50
\$1.50 Crystal Detector	.75c
\$1.00 Fixed Condenser	.50c
25c Switch Points, Doz.	15c
\$3.00 Variable Condenser	\$1
\$5.00 Headset	\$2.95
\$6.00 Headset	\$3.50
Tattler Headset	\$4.50
\$4.00 Tuning Coil	\$2.50
\$10 Loose Coupler	\$5.00
\$2 Variable Condenser	.75c
75c Rheostat	.25c
Special Porcelain Socket	50c
75c Dials	.25c
20c Knobs	10c
\$12.50 Standard Loud Speaker	\$7.50
\$20.00 Crystal Receiving Set	\$7.50
Special Grid and Phone Condensers	10c

We carry a complete stock of Celron and Formid Panels and Tubing, Silk and Cotton covered wire, and everything necessary to the constructor.

Consult Our Expert For Advice On Any Technical Matter.

Mail Orders Promptly Filled.

Wm. Gurd & Co.

"THE RADIO SERVICE STORE"

185 DUNDAS STREET.

PHONE 800.

To encourage the building of Radio Sets by amateurs, and to promote a greater interest in Radio generally, The London Advertiser has arranged the following contest. Those entering the contest are asked to bear in mind that the following points are important in building sets: Efficiency, Stability, Compactness and Low Cost.

CONDITIONS OF CONTEST.

Contest open to amateurs only.

There are six classes in this contest. Only one set may be entered in any one class by a competitor, but a competitor may enter a set in each class if he desires.

Set must be built between November 13, and December 13, 1924.

Each set entered must be accompanied by an entry form properly filled in and signed in ink. Failure to do this will disqualify the entrant.

All sets must be built entirely by their entrants, and vouchers presented showing complete cost.

All material used must be purchased in the fourteen counties comprising the University of Western Ontario district.

Entries close 6 p.m. Saturday, December 13, 1924.

Awards will be made by a committee of three radio experts, whose decisions shall be binding and final. **Special consideration will be given to sets made of material and parts "made in Canada."** The names of the committee will be announced later.

Results will be published in The London Advertiser Saturday, December 20, 1924.

Information and entry forms regarding this contest can be had from Radio dealers as well as from the columns of The Advertiser.

CLASS I.

(Open to Boys 18 Years Old and Under)

Crystal set complete.

Prize—An article of value, to be announced later, and voucher for \$5.00 entitling the holder to that amount in Radio supplies.

CLASS II.

(Open to Boys 18 Years Old and Under)

One-tube set, exclusive of batteries, phones and tubes.

Prize—An article of value and voucher for \$5.00 worth of Radio supplies.

CLASS III.

(Open to Boys 18 Years Old and Under)

Two-tube set, exclusive of batteries, phones and tubes.

Prize—An article of value and voucher for \$10.00 worth of Radio supplies.

CLASS IV.

(Open to Boys 18 Years Old and Under)

Three-tube sets, exclusive of batteries, phones and tubes.

Prize—An article of value and voucher for \$10.00 worth of Radio supplies.

CLASS V.

(Open to All Advertiser Readers, Any Age.)

Any size set up to three tubes, exclusive of batteries, phones and tubes.

Prizes—1st prize—\$15.00 voucher for Radio supplies.
2nd prize—\$10.00 voucher for Radio supplies.
3rd prize—\$5.00 voucher for Radio supplies.

CLASS VI.

(Open to All Advertiser Readers, Any Age.)

Any size over three tubes.

Prize—An article of value and voucher for \$15.00 for Radio supplies.

REMEMBER—Contest closes 6 p.m., Saturday, December 13, 1924.

ENTRY FORM

I herewith enter, for competition in
The London Advertiser Radio Set Building Competition.

Class.....

my Radio Set, and do hereby declare:
That the set entered was wholly built by me;
That the cost of the set complete, as entered, was \$.....;
That all of the material used was purchased within the fourteen counties comprising University of Western Ontario district, as shown by vouchers attached;
That this set was built between Nov. 13th and Dec. 13th, 1924;
That I am not a radio dealer, nor am I connected, directly or indirectly, with the radio industry, nor do I build sets for resale;
That I agree to accept as final the decision of the judges and to observe all regulations of the contest;
That I accept full responsibility for loss or damage to my set through fire, theft or any other cause whatsoever, while in the custody of the Contest Management;
That The London Advertiser shall have, and is hereby given, the right to photograph, draw, describe, or in any other way reproduce the whole or any part of the set entered herewith, and to publish the said photographs, drawings or descriptions in any issues of The London Advertiser they so desire.

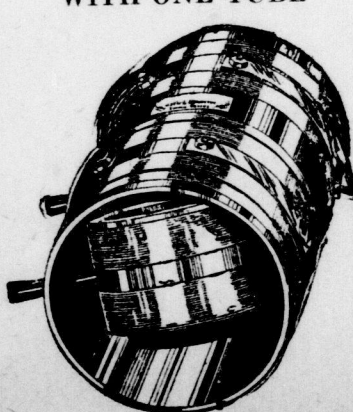
Age..... Date of birth.....

Signed.....

Address.....

City, Town or R. R. No.

2,000 MILES WITH ONE TUBE



AMATEURS

Be sure you use a "TRANS-CANADA" MODEL DOUBLE ROTOR TUNER when building your set. Cuts the cost of set in half and gives twice the volume. Simplicity and efficiency.

PRICE \$4.75.

An all-Canadian article fully guaranteed.

Any person winning a prize with a set built around our Double Rotor Tuner will be refunded the full value of the unit.

See that your tuner bears the "Gold Seal"—it marks the genuine. Complete wiring diagram free on application. We stock complete line of parts for use with this coil.

MARTIN & CO.

402½ Richmond St., London.

RADIO

Build Your Set Around a Radiolec Tuner

and insure maximum volume, greatest dependability and extreme distance at the lowest cost.

BEFORE YOU DECIDE

on the set you are going to build, call at our showrooms or at your dealers and ask for free circuit and hook-up of the Radiolec Tuner.

All genuine Radiolec Tuners have the name on them.

Besides this, we carry parts for all makes of sets and would be pleased to tell you about them.

A few of the parts we carry in stock are:

11 Plate Condenser	\$1.90
23 Plate Condenser	\$2.30
23 Plate Condenser Vernier, with dial and knob	\$4.50
Switch Arms, each	25
Celoron Panels, per square inch	1½
Nickel-Plated Binding Posts, each	5
Three Dials	30
Standard Sockets	50

The Radio Electric

79 DUNDAS STREET, LONDON.
Phone 5261J.

MUTER PAT'S PEN CHICAGO 002

RADIO

Whatever you need in the Radio line, you'll find it in our complete radio department.

WE ARE HEADQUARTERS FOR RADIO EQUIPMENT

COME IN AND SEE OUR COMPLETE RECEIVING SETS. RADIO — "RADIOLAS" GENUINE WESTINGHOUSE SETS

RADIO

We have a Radio expert who will be glad to answer questions, give you help or instruction.

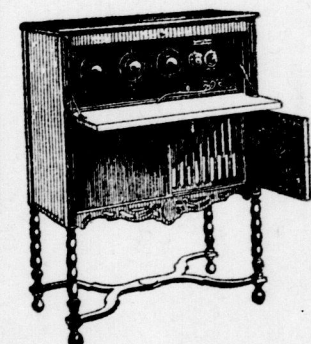
COWAN HARDWARE Limited 125-127 Dundas Street

Stromberg-Carlson Radio Receiver

An AAA1 Product, made by an AAA1 Firm.

This Radio Receiver has all the essentials for the most gratifying reception of broadcast programs. It carries the trade mark of a firm with over 30 years' manufacturing experience and with a world-wide reputation as a builder of fine telephone and radio apparatus.

A demonstration will be made in your own home any time, at your convenience. Just ask—
Daytime phone 4066
Evening phone 7330



HEAD SET \$6.85

Powerful Magnets are essential in good Head Set construction for sensitivity, sound volume and true tonal quality. Stromberg-Carlson Head Sets have powerful Magnets.

Loud Speaker \$23.50

This Loud Speaker is complete with acoustic horn; 5-foot cord with No. 60 plug attached. It completely satisfies the requirements for horn reception.

Stromberg-Carlson Radio Apparatus

is our selection because it is electrically and mechanically correct in design and made by a firm with over 30 years' manufacturing experience, and with a world-wide reputation as the builders of fine telephone and radio apparatus.

SETS MAY BE PURCHASED ON EASY PAYMENT PLAN.

R. G. EDGECOMBE CO.

88 YORK STREET.

LIMITED

PHONE 4066.