

Vol. 4

No. 3



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CALL LETTER

NATIONAL RADIO NEWS

July, 1929

My Faith in Radio's Future

By A. ATWATER KENT



Mr. Kent is often called the
Henry Ford of Radio.

My belief in the future of radio extends to every field of the industry, for improvements in one branch bring developments in others. With better broadcasting, more people wish to hear programs; therefore, more radio receiving sets are sold. With improved mechanical facilities for both broadcasting and reception, there is greater satisfaction all around.

There are great things ahead for radio. My belief that the future of radio is even greater than past or present has caused me to expand our present manufacturing area from fifteen and one-half to thirty-two acres.

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This was necessary in order to meet the steadily mounting public demand for Atwater Kent sets and speakers.

In these days of modern, high-speed business, it is a real privilege for any man or woman to have a part in this romance of radio. Any large undertaking is interesting and brings forth a thrilling response from every person connected with it in any role carrying responsibility.

Radio has all this thrill and, in addition, it has the appeal of adventure. Developments come so rapidly, new vistas open up so quickly, the circle of activity widens so suddenly, that every day brings a new opportunity for action.

There are never any dull days in radio. All groups --manufacturers, broadcasters, engineers studying the science of this new and mysterious means of communication, and the listeners at the loudspeakers--all get a new thrill at almost every hour.

Those of us who are deeply immersed in the practical development of radio may perhaps fail to realize, at all times, what a great adventure we are engaged in. Personally, I am deeply grateful that circumstances have cast my life in this intensely interesting field. I enjoy it thoroughly. Indeed, speaking with complete candor, it gives me a tremendous happiness. I get a big kick out of it and I'm sure that everyone else in radio gets the same thing. Nothing has ever taken hold of the imagination of the people as radio has, and I'm proud to be able to play the part I have in its development and wider use.

I could not be happy doing the same thing every day in the same way, cut and dried to order. I like a game which puts me on my mettle, which makes me keep my wits

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CALL LETTER

The Call Letter is a monthly publication of the Northwest Vintage Radio Society which meets the second Saturday of each month at the Buena Vista Club House, Sixteenth and Jackson Streets, Oregon City, Oregon.

Editor **Bob Hay**

Staff .. Tom James, Cathi Hay, Mark Moore

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P.O. Box 02379, Portland, Or. 97202

OUR PEOPLE

At the February meeting the main order of business was the final approval of the club's new constitution. Some of the principal changes as discussed in the January Call Letter are the elimination of family memberships and the Senior membership classification.

President Tom James noted that correspondence had been received from OEPBS apologizing for the omission of the film shot at the Buena Vista clubhouse in November. OEPBS has asked the club to help them put together a half-hour show presenting the NWVRS view of vintage radio. This would include an opportunity for viewers to call in and ask questions of a couple of NWVRS representatives. Volunteers please!

A new member, Dayton Meyer, was in attendance at the February meeting and we all welcome Dayton into the club.

The February 12th Flea Market in Salem featured Vintage Radio as its theme. Several members brought radios for selling and/or trading. A couple of cathedral radios went home with new owners. A one tube battery radio sat on one dealer's table all day and never did sell which seems very surprising (it was a homebrew).

Everyone should make a special effort to attend the next meeting, March 11th. We hope to have a representative from OEPBS to discuss further details of the proposed half-hour television show. Also, it's time to start planning our spring swap-meet. Get together your ideas and will see you at the Buena Vista clubhouse at 10 A.M.



ATMOSPHERICA

By J

That Darn Sauerkraut

I had a dream the other nite
About VINTAGE RADIO things----
I went to a scientist friend of mine
Who digs Time Reversal flings

Dials were set : years, minus fifty.
Locale : Chicago, no less.
We were zipped in toto, in seconds
To RANDOLPH RADIO, I guess.

I loaded up with goodies, with fervor.
'Til our time was running out;
The "homer" was set "restore", at once,
And we headed back with a shout.

Tubes and parts, mind boggling gear,
Carried fifty years foreward, Oh Boy!
I was in Seventh Heaven for sure;
Just bursting with Vintage joy!

Then I 'woke with the telephone ringing
(Twas a friend who'd spent the dime)
And I left that Sweet loot in limbo
Forever, dangling out there in time!

LETTERS

Dear Bob:

I am having a Spring clean out sale for space requirements:

Silvertone Console model 4586 10 tubes Superhet nice plays	45.00
Zenith Chairside model 12S453 12 tubes Robot 3 leaf dial works (page 195 Flick of Switch)	35.00
Crosley model 12-11 10 tube Het large pretty dial in colors works	50.00
RCA model 1812 K 12 tubes works, motor driven real good	65.00
8 stand up speakers choice	20.00
Complete set SH wave coils old, 4 in. dia. & 2 in. dia. complete set of 16 coils	35.00
Battery set 6 tubes 201s 112 console with speaker all perfect	65.00

Joey Tompkins
3796 Hulsey Ave SE
Salem, Oregon 97302
PH. 362-8071

Dear Mr. Hay:

Thank you for your nice letter. Your Call Letter is sure interesting, even the cartoons. Naturally I am glad that you were able to use my manuscript.

I am 83 and recouping from a heart condition, so I don't get out much, but will try and make it to your meetings.

What are your dues? I might like to join, as I would sure like to receive your Call Letters.

73s Dexter S. Bartlett

Ed. Mr Bartlett has been voted an honorary member.

MY FAITH IN RADIO'S FUTURE cont. from page 2

about me, which forces me to meet and beat new problems.

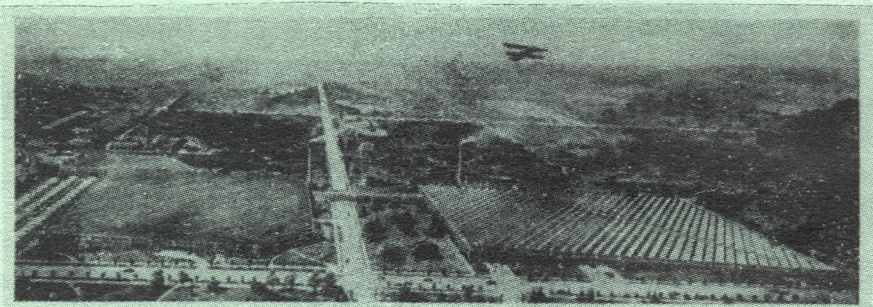
When you are engaged in such an activity your life is full, your hours fly quickly, the zest of achievement is in your work and the reward of success is waiting for you just around the corner. Such work, I think, keeps one young and happy.

It seems trite, perhaps, to endeavor to list the advantages of radio, its influence on our life and customs, the manner in which it has become a part of everyday things in which we are all interested, the great extent to which it has become a vital influence for good in the social, cultural and educational life of the nation.

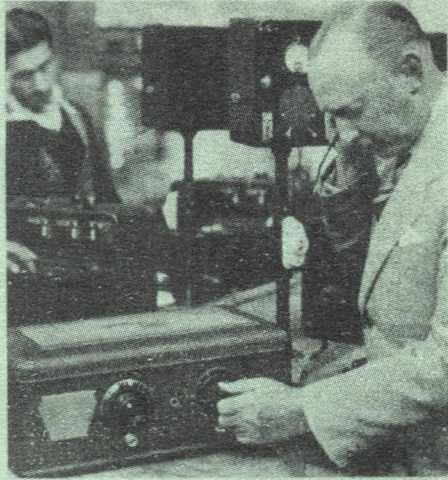
It is easier to vision what radio now means by trying to imagine the void that would be left were radio suddenly abolished. Just a moments thought shows us that, having seized this new instrument with such avidity, its absence now would be looked upon as a national calamity. We could not again live without radio.

Radio has added a new side to our lives, just as did the airplane and the automobile. It has passed through much the same stages of development which they encountered and it will become permanent just as they have become established.

There are now better facilities for broadcasting and better facilities for hearing the worth-while programs on the air. There are millions more listeners and a greatly increased number of purposes for which radio is employed. There is a stabilization in every field of the industry.



The Atwater Kent Radio factory is the world's largest. Thirty-two acres of floor space. Provides employment for 15,000 persons. This huge plant demonstrates Mr. Kent's faith in Radio's future.



Mr. Kent testing his two millionth set. This set was given to President Hoover.

During the last two years broadcast programs have become better and better, until now the millions of people constituting the great radio audience may hear the best in music at almost any hour. Of course, we shall have always trivial programs on the air, the same as we have varied entertainment on the screen, but there are better programs on the air now than ever before.

I have been delighted to note that there is a keen appreciation on the part of the public of the advantages and privileges it now enjoys from radio. The public realizes that this great growth has been made possible by the willingness of manufacturers, broadcasters, and others to spend millions for development and promotion. Surveys of the industry indicate that the public is showing its appreciation in the most effective manner -- by the purchase of radios in steadily increasing volume.

Buyers' demands greatly exceeded production capacity of our plant, in spite of the fact that we were turning out eight thousand sets a day. The new addition to our present plant which we have just dedicated, more than doubles the size and capacity of our factory.

My own feeling about the present and future is concretely presented in the form of this big, new factory. Great as the success of radio has been in the past,

Continued on page 8

I feel more confident than ever today that its greatest development still lies in the future, and I have shown that confidence by the construction of this six-teen and a half acre addition.

It is a matter of pride with me to realize that this is the largest radio plant in the world and one of the large industrial plants in the United States. We have been able to change fast enough, to do new things fast enough and to solve new problems fast enough to lead or keep abreast of radio development.

This should be a source of gratification to all of us because radio has become, in its short life, one of the major industries of the country. In view of the amazing things that have come from radio in the last few years, he would be bold indeed who would undertake to predict its future. But assuredly all of us in the radio game have many more years of thrilling adventure ahead of us.

The preceding article was reprinted from the July, 1929 National Radio News and was contributed by Chuck Shively.

DO YOU REMEMBER WHEN?

Energy shortages were dead radio batteries.

Rabbit ears were only on rabbits.

De Forest was a national figure not a threatened resource.

Anyone having contributions to the Remember When section is encouraged to write us. We would like to take a look at the way it used to be from several different humorous standpoints. Ed.

A comparison chart is shown in Figure 1 which shows the relation of the various receivers to each other. By studying the chart, you will readily see that all the receiving circuits are fundamentally the same as the Model 37 chassis represented in the extreme right-hand of the chart.

Models 38, 40 and 42 are developments and improvements on Model 37.

From Model 42 the three prin-

between the antenna and ground post of the set.

MODEL 38 is a 7-tube receiver having the same circuit diagram as Model 37 with the exception that an additional stage of Radio frequency amplification is used.

MODEL 40 is a 6-tube receiver in a metal cabinet with a black dial and volume control and other minor differences. It has practically the same wiring diagram as the Model 37.

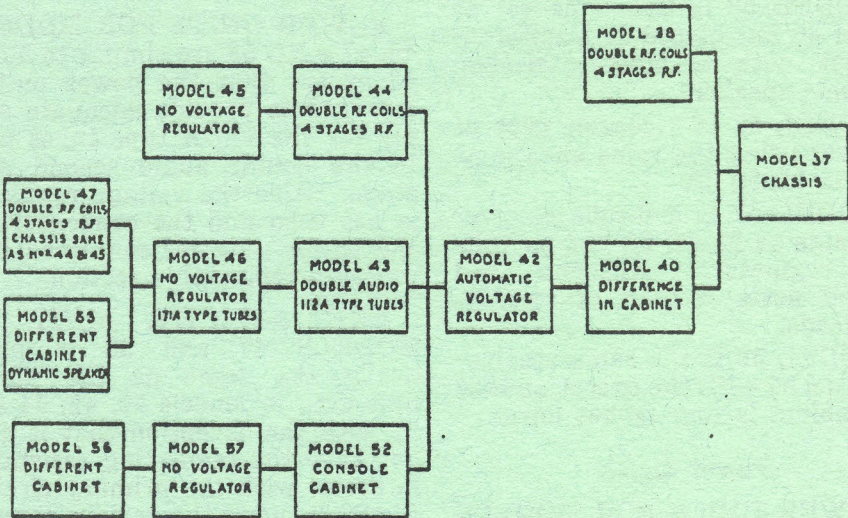


Fig. 1. -Comparison chart showing relationship of various models to each other.

iple Models 43, 44 and 52 were developed, which were further modified into the remaining models shown in the chart. The following descriptions of the various models when studied in connection with the chart will enable the student to readily understand the different models.

MODEL 37 is a 6-tube single-dial receiver having three stages of Radio frequency amplification, the first stage being untuned. The volume control consists of a variable resistance connected directly

MODEL 42 is the same receiver as Model 40, but with an automatic voltage regulator.

MODEL 44 has the same wiring diagram as Model 42 with an additional stage of Radio frequency amplification.

MODEL 45 is the same receiver as Model 44, but with no voltage regulator.

MODEL 43 is a 7-tube receiver similar to Model 42 but with a "double audio" second A.F. stage of 112-A type tubes. This receiver

is used with an electro-dynamic speaker.

MODEL 46 is similar to Model 43 but uses 117-A type tubes in the second A.F. stage and it does have a voltage regulator.

MODEL 47 is similar to Model 46 but has four stages of Radio frequency amplification making chassis similar to Models 44 and 45, but with brass trimmings on variable condensers.

MODEL 53 is the same set as Model 46 but placed in a different cabinet with a built-in electro-dynamic speaker.

MODEL 52 is a console type of receiver using the same chassis as used in Model 42.

MODEL 57 is a 6-tube receiver the same as Model 52 but no voltage regulator. Antenna and ground posts instead of twenty-foot leads.

MODEL 56 is the same receiver as Model 57 with the exception that the cabinet is four inches lower.

Power Units

POWER UNITS FOR MODELS 40, 42, 44 and 52.

During the latter part of 1928, a single-container-type of power unit used in Model 44 was modified by design-

ing the condensers and speaker choke as a separate replaceable assembly in the power unit container. The same diagram can be used for testing as used for the first models.

THE POWER UNIT FOR MODELS 40 AND 45 has also been modified by designing the condensers and speaker choke as separate replaceable sections.

POWER UNITS FOR MODELS 46, 47 AND 53 are similar to Model 43 except that the power unit is enlarged to provide adequate supply for the 171-A type tubes used in the double audio second A.F. stage. Also the voltage regulator is not used and the condensers in the power unit are contained in a separate replaceable section.

THE POWER UNIT IN MODELS 47 and 38 is practically the same as the power unit used in Models 40, 42, 44 and 52 with the exception that it does not have the regulating resistance in series with the primary circuit. Figure 3 shows the various connections on this power unit. However, the COLOR SCHEME ON MODELS 37 and 38 IS NOT THE SAME AS SHOWN IN THIS FIGURE. The circuit diagram will enable the Radio-Trician to successfully test the unit.

RADIO STATIC

By:
Glenn Gonshorowski

Names of 19 different radios can be found in this puzzle. Names can be found by reading forward, backward, up, down, & diagonally. They always are in a straight line & they never skip letters. Words overlap & letters may be used more than once, but you will never use up all the letters in the diagram.

Answer to this puzzle next month

E X U A U D I O L A M G
V C T R A D I O C H K L
E O H Y C R X R S K L U
D E F O R E S T H E N N
F A I R P R U N B L I A
N A P A O H O N R L N P
O N L Y O S O E K O U R
T D A W R I T N I G S E
Y L A E S S A R E G O T
A R M S A R A I N O P E
D E I M F L A I R U U P
E M R S C O W M O O E D

LAST MONTH'S ANSWERS

- CROSLEY (c) BANDBOX
DETROLA (a) PEE WEE
WILCOX GAY (b) RECORDIO
JACKSON BELL (c) PETER PAN
WARWICK (b) DUEL TONE
SEARS ROEBUCK (c) SILVERTONE

POWER SUPPLY

By: Bobbie Kibler

On Tuesday, February 21, the Buena Vista Needlecraft and Arts Club, to which several of our Radio Club ladies belong, had lunch at North's Restaurant in Milwaukie to celebrate the 50th anniversary of the founding of the club. There were thirteen members present. Gifts were presented to the President, Mrs. Kate Carothers, for having attended every meeting of the club for the past fifty years. Everyone had a grand time.

The next meeting of the club will be March 21st.

AUNT SAMMY'S RADIO RECIPE OF THE MONTH

Scalloped Asparagus and Spaghetti

1½ cups spaghetti, broken in small pieces	2 tablespoons butter
2 cups asparagus, cut in inch pieces	2 tablespoons flour
1 cup rich milk or cream	½ teaspoon salt
1 cup asparagus water	½ cup fine buttered bread crumbs
	3 or 4 drops tabasco

Cook the spaghetti thoroughly in salted boiling water; drain. Cook the asparagus for 10 minutes in boiling water. Prepare a sauce of the flour, butter, milk, and asparagus water, and add the tabasco and salt. Grease a casserole and put in a layer of the cooked spaghetti and then one of the asparagus. Cover with the cream sauce, continue until all ingredients are used. Cover the top with the buttered bread crumbs. Bake in an oven until the crumbs are golden brown.

EDITORIAL COMMENT

This month I would like to make special mention of the ladies in our club. I have tried to set aside one page in the Call Letter for the Power Supply members to use. Although I have heard some negative feedback on having recipes in a publication directed toward vintage radio buffs I still think it's a good idea. The women in the club have contributed heavily during our displays and swapmeets as everyone knows. Also, it is because the women belong to the Buena Vista Club that the NWVRS is able to use the clubhouse for its meetings. Finally, it is the ladies who prepare those special treats we always seem to have at meetings.

Thanks for everything gals!

Things are really beginning to happen in the NWVRS; we now have a new constitution and incorporation is just around the corner. The spring swapmeet is coming up and we should be planning how and where we want it. It seems to me that our swapmeets generally move along really great in the mornings but slow down about mid-afternoon. Perhaps we could have a guest speaker or have some demonstrations during the day to break things up a bit.

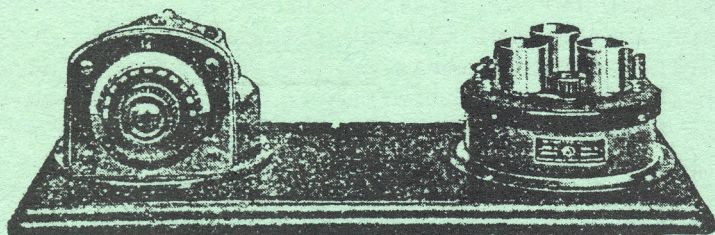
I hope everyone found the Atwater Kent articles interesting. We still need more ideas for articles from all of you. Anyone who would like to write a column in the Call Letter or help with other aspects of putting the publication together should write or give me a call. We can always use more help and I think it would be a good idea to have an assistant editor.

See everyone at the next meeting.

Bob Hay

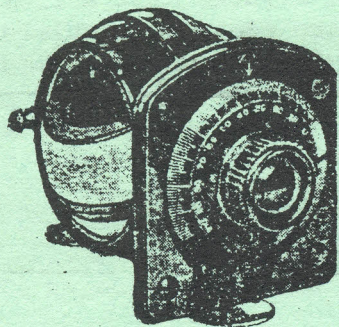
ATWATER KENT

RADIO RECEIVING SET



THE above set, consisting of Coupled Circuit Tuner and Detector 2-Stage Amplifier, is an ideal set for either phone or loud speaker use. Note that this set includes two stages of audio frequency amplification.

Complete Outfit, as above, wired, \$35.50



The Mounted Variometer carries through the standard quality of ATWATER KENT products. For an open set it supplies a finished instrument unsurpassed in appearance and performance.

Mounted Variometer, \$10.00

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WANTED: A.C. Dayton Radio, either AC or XL model
Dayton Meyer 503-289-4537

WANTED: K55B ballast tube, 25A7, 6AE7 tubes
Alan Shaddock 503-646-3641

WANTED: Hallicrafters SX-23
Frank H. Plaistead 503-647-2891

WANTED: Volume control pot for Radiola 8 or Superhet
Andy Bell 503-282-6110

FOR SALE: RCA 104 Speaker
Maurice Leete 503-656-6487

WANTED: Old Radio tubes any component for
scanner type TV
Don Iverson 503-286-1144

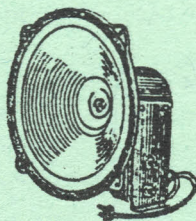
WANTED: Regency TR-1 transistor radio & #30 tubes
Chuck Kibler 503-678-5066
RT. 2, BOX 694
Aurora, OR. 97002

WANTED: Old Radio magazines.
Bob Hay 503-659-8566

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