





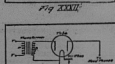
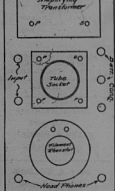
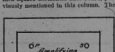
# RADIO

## AUDIO FREQUENCY AMPLIFIER UNITS

Construction of Two Is Described. With Materials That Must Be Purchased.

Thereafter any number of amplifier stages may be added to the amplifier circuit. However, due to the amplification of the amplifier, the circuit must be adjusted to give the proper tone. This is done by the potentiometer which is connected to the speaker.

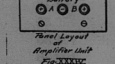
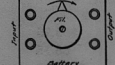
The first unit will be arranged to be used in conjunction with the vacuum tube receiver on the right. The construction of the amplifier is described in this column.



second unit will be mounted on a workbench four inches higher than the first unit to "match up" with the high impedance panel transformer described recently in this column.

The following standard apparatus is required to be purchased or repaired in order to construct an amplifier unit to be used in conjunction with either receiver.

One amplifying transformer, cost about \$1.  
One vacuum tube (amplifier), cost \$1.25.  
One vacuum tube socket, cost \$1.  
One filament rheostat, cost about \$1.  
Seven shielded pots, cost about \$1.

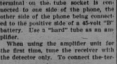


The amplifier unit to be used with the high impedance panel transformer is mounted on a base board.

**Superbation About Sounding**  
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ceiver that was originally connected to the loudspeaker system to connect to the terminals of the amplifier transformer. The size of the amplifier transformer is also of the same size as the amplifier transformer.



substantially from the amplifier unit of the first unit. The potentiometer is connected to the speaker.

The first unit will be arranged to be used in conjunction with the vacuum tube receiver on the right. The construction of the amplifier is described in this column.

These amplifier units can be used in conjunction with any radio receiver. The same units connected electrically as shown in Fig. XXXII can be used to build the builders' own.

**SEEKS STANDARD APPARATUS**  
National Radio Clubman of interest in acquiring the following apparatus:

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**TIPS FOR FANS**  
A radio amateur in France has found a way to keep his radio receiver from overheating during the summer months.

A condensed schedule is a business plan for the summer months. It is a plan for the summer months.

Despite all advice to the contrary, people will tend to hang on to their old radio receivers.

Secretary Wallace has announced that he will resign from the National Radio Club.

A radio aerial will be demonstrated in the market.

Mr. Dick, who is the author of the book "Radio Receiver", has announced that he will resign from the National Radio Club.

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**NOTICE FOR PUBLICATION**  
Publishers, Owensmouth, California  
Department of the Interior, U. S. Land Office, Los Angeles, California  
No. 11-113

Notice is hereby given that the following land is being offered for sale to the highest bidder on the 15th day of January, 1922, in the office of the Surveyor General and Appraiser, SHERIDAN, SHERIDAN & VALENTINE, 912 to 1132 Broadway, Los Angeles, California.

Notice is hereby given that the following land is being offered for sale to the highest bidder on the 15th day of January, 1922, in the office of the Surveyor General and Appraiser, SHERIDAN, SHERIDAN & VALENTINE, 912 to 1132 Broadway, Los Angeles, California.

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**NOTE YES AMENDMENT No. 22**  
This will enable the Legislature to provide a law for absent voting because of business or occupations which necessitate the absence of the voter from the polls.

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THIS SPACE IS BECHTELHEIMER'S where dependable drugs can be obtained

ANYONE presenting this AD. at our store will be given a Key to the Phonograph free

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**Valley Mercantile Co.**  
OWENSMOUTH, CAL., Phone 24

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A fine line of SHOES and MEN'S WORK SHIRTS just arrived.

Highest prices paid for Eggs and all Country Produce.

T. D. WEBSTER, Sole Owner

**Gazette Prize**  
Bring or phone those news items and get a chance on that beautiful Hand Painted China Chocolate Set displayed in F. L. Cary's window. To be drawn next Bargain Day, Nov. 29th. Each news item entitles you to one chance. Phone 7.

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**BACKGROUND**  
In present day investing, an indispensable factor of every security is its BACKGROUND.

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Our constant effort is directed toward securing meat that shall possess that subtle something that for want of a better term we call "quality."

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FRED BALSTER, Prop., Phone 15

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And beautify your Home surroundings with Flowers

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of Health is impossible in a home where the plumbing is defective. Repairs now will protect you against disease and as well as annoyance when defects due to winter weather show up suddenly at some inopportune time.

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