

# RAYTHEON

*The new rectifier that perfects  
the B-battery eliminator*

PURE, resonant, clear tone—reserve power—freedom from worries of all kinds—aren't these the things you have always looked for in a B-eliminator? The things you have never been able to realize?

Here, then, is a tube that makes all these possible—that has immeasurably long life, uniform quality, ample power to run a ten-tube set. The RAYTHEON Rectifier is the result of prolonged experimentation and scientific research. It is the last word in the perfection of the B-battery eliminator, developed by an organization that is in the forefront of the engineering field, and sponsored by radio editors and leading manufacturers.

Complete B-eliminators or parts, specially designed for use with RAYTHEON tubes, are manufactured and sold by:

Acme Apparatus Co., Cambridge, Mass.  
All-American Radio Corp., Chicago, Ill.  
Dongan Electric Mfg. Co., Detroit, Mich.  
General Radio Co., Cambridge, Mass.  
Jefferson Electric Mfg. Co., Chicago, Ill.  
Mayolian Radio Mfg. Co., New York, N. Y.  
Thordarson Electric Mfg. Co., Chicago, Ill.  
Tobe Deutschman Co., Boston, Mass.

You can buy these B-eliminators, parts, and RAYTHEON Rectifying Tubes at your dealer's. Price of tube, \$6. Look for the RAYTHEON name. It is the mark of quality and your assurance of satisfaction.



Long Life  
No Filament  
Replacements  
Unnecessary

Reserve Power  
No Liquids  
Uninterrupted  
Service

**AMERICAN APPLIANCE CO.**

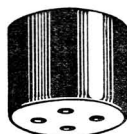
CAMBRIDGE, MASS.

Organization Integrity—Honest Merchandising  
Truthful Advertising—Scientific Research  
Sound Engineering—Basic Patents—Substantial Backing

## Na-Ald Sockets and the new Standard tube bases

*Adapters for old sockets—  
and a brand new socket too*

RADIO fans can now use any of the new tubes in the famous Na-Ald De Luxe Socket. This is the socket that has two points of contact with each tube terminal. It is the socket with the *side-scraping* contacts that may be easily cleaned by simply rotating tube three or four times without removing it from the socket. It is also the socket proved by laboratory tests to be most efficient in low losses and low capacity

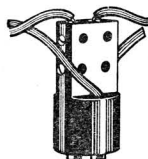


Adapter 419-X

The Na-Ald De Luxe Socket will take the new tubes UX-201A, UX-12 and UX112 without an adapter. By the use of this adapter No. 419-X it will take the new small base tubes, Nos. UX-199 and UX-120. 419-X sells for 35c.

*Other Na-Ald adapters  
and the new socket*

The Super-Het No. 420-X adapter, equipped with cables for connections, enables the owners of Radiola Super-Het to get the great increase in volume and clarity the new UX-120 tube develops. Price of 420-X Adapter, \$1.25.



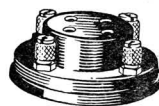
Adapter 420-X



Adapter 421-X

There is a new adapter for use in making the shift from WD-11 to UX tubes. It is especially designed to enable the users of Radiolas II, III and III-A to enjoy the improved operation the new tubes provide. Price 421-X, 75c.

The 481-X Na-Ald Socket is a brand new socket that will take any of the UX series of tubes without an adapter. Price 35c. No. 481-XS cushion mount, 50c.



Adapter 481-X

You can obtain Na-Ald adapters, sockets or dials at radio, electrical and hardware stores everywhere.

Write for catalogue and free information, "What to Build," giving tested, selected circuits.

**ALDEN MANUFACTURING COMPANY**

*Also Makers of the Famous Na-Ald Dials*

Dept. R1,

Springfield, Mass.



Sockets and Dials