

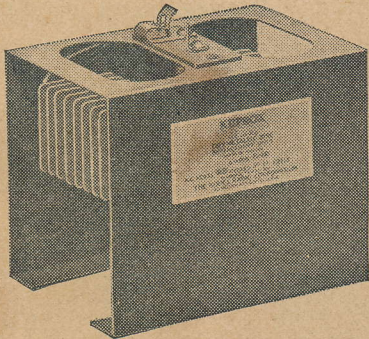
TYPE AR-3

KUPROX

No Bulbs • No Liquids • No Noise

REPLACEMENT UNIT

FOR USE WITH ALL PHILCO SOCKET POWER UNITS



This dry, permanent, all metal Kuprox Rectifying Unit has been designed especially for use with Philco Socket Power Units. In addition to using an increased number of rectifying discs, because of the higher output voltage developed by the Philco transformer, half-wave rectification (the same as developed by the standard Philco electrolytic jar) is utilized, thereby greatly simplifying installation. Only two simple connections are necessary, involving no changes whatever in wiring and requiring no tools to effect. This extreme

simplicity of installation and improved design eliminates all chances of error and insures 100% satisfactory operation.

To install, simply remove the Philco electrolytic jar, set the Kuprox Unit in its place and connect the two leads formerly running to the old jar, to the corresponding terminals on the Kuprox Unit. These terminals are of the same special construction as used on the Philco jar, i.e., one a Fahnestock clip, the other a plain, pin prong, making wrong connections impossible.

When once installed no water or other attention of any kind is required. Due to the higher maximum charging rate obtainable, the capacity of Kuprox equipped Philco Socket Powers is greatly increased, enabling them to operate much larger receiving sets than formerly. For a given charging rate current consumed is much less than with the old Philco jar, this effecting a substantial saving in cost of electric current consumed. Under normal conditions the Kuprox Rectifying Unit will last indefinitely without requiring replacement or adjustment of any sort.

Comparative charging rates on the various transformer taps provided for both the old Philco wet jar and Kuprox dry metallic replacement unit follows:

TRANSFORMER TAP	WITH OLD PHILCO JAR	WITH TYPE AR-3 KUPROX UNIT
	Amperes	Amperes
Low25	.25
Medium4	.45
High7	.8

FOR SALE BY ALL GOOD RADIO DEALERS—LIST PRICE, \$5.00

NOTE—Where full wave rectification and a higher charging rate is desired, our standard Type A-10 KUPROX Replacement Unit is recommended. The installation of this, however, necessitates several slight changes in connections. Complete instructions for making these, however, are self-contained with every Unit. Ask your dealer or write us direct for further information.

Kuprox Rectifiers and Replacement Units are available for all commercial and radio purposes. State your requirements and the proper descriptive literature will be mailed upon request.

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TYPE AR-3
REPLACEMENT UNIT

FOR USE WITH

“PHILCO” SOCKET POWER UNITS

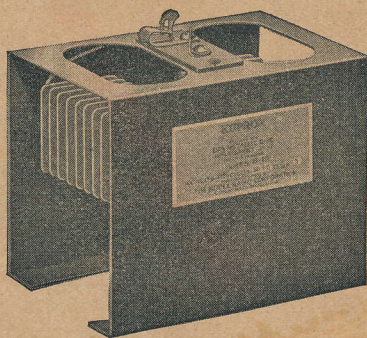
ENGINEERING BULLETIN No. 3481

November 1, 1927



Replaces Small
Philcotron

Trickle Charger
Wet Jar



TYPE AR-3 KUPROX
DRY, PERMANENT, CAREFREE
REPLACEMENT UNIT



Replaces Large
Philcotron

“A” Socket
Power Wet Jar

REPLACES ALL PHILCO “A” RECTIFYING JARS
CONTAINS NO GLASS — NO ACIDS — NO LIQUIDS
GIVES HIGHER CHARGING RATE — IMPROVES
RECEIVER OPERATION

ONLY TWO WIRES TO CONNECT — ABSOLUTELY NO
CHANGES IN WIRING REQUIRED
DESIGNED ESPECIALLY FOR USE WITH PHILCO
SOCKET POWERS

LIST PRICE, \$5.00

MANUFACTURED ONLY BY
THE KODEL RADIO CORPORATION
CINCINNATI, OHIO, U. S. A.

SAVE THIS TAG

Positively no claim for the replacement of this rectifier unit will be considered unless accompanied by this blank with all questions fully answered. All such claims are accepted subject to the decision of our service manager. No claims for replacement due to mechanical injury or misuse will be honored.

Name

Street No..... City..... State.....

Type of Unit Date Purchased Amount Paid For Same.....

Unit Purchased From *Morse & Jozio* City *Ventura* State *Cal*

Type of Charger on which Unit was Used:

Make *Philes* Model *H.B.* Type *6V*

Line Volts *110* Cycles *60* Rated Output of Charger in Amps *.6*

Voltage of Battery Charged *6 Volt*

Charging Rate produced by Kuprox Unit, when new *.8*; Now..... Amperes

Length of time Kuprox has been in operation..... Mo..... Weeks..... Days

How was unit connected? (Illustrate below).

(OVER)

THE KODOL RADIO CORPORATION

507-511 E. PEARL STREET, CINCINNATI, OHIO

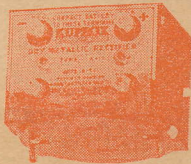
Unit must be returned to our Service Department at Cincinnati, accompanied by this slip, transportation charges prepaid. Dealers are not authorized to make any replacements whatever. Pack carefully and mark your name on outside of package.

If installed in power unit, was cover of same left off; or holes added for additional ventilation? *no*

Was trickle charger or power unit installed in console or other cabinet? *Croft*

If so approximate size of same. *14x28x17* Was this compartment tightly closed or provided with ventilating holes? *yes*

Describe fully reasons for claiming defective construction.



In what position was unit mounted? (Check proper illustration below.)

Certificate of Inspection

This is to certify that the accompanying KODEL product has been carefully inspected and thoroughly tested before shipment, and was found to fully measure up to the high standards of workmanship and performance demanded by our superiors.

Inspector..... Tester..... 13 Approved..... 337

To all Purchasers
of Kodel radio products:

Every KODEL product must measure up to set standards of construction and performance before it is permitted to pass to our shipping department. To insure these high standards being maintained at all times, our Inspectors are carefully selected and thoroughly trained in their work. Each product is thoroughly tested UNDER ACTUAL SERVICE CONDITIONS and our workmen heavily penalized for any defective work discovered.

We ask the co-operation of all users of KODEL products in helping us maintain these standards, by mentioning the above numbers when writing us concerning the operation of accompanying product.

Respectfully yours,

THE KODEL RADIO CORPORATION,
Clarence E. Ogden, Pres.

GUARANTEE

All goods of our manufacture are fully guaranteed for a period of one year from date of shipment against defective workmanship and material only. Any merchandise considered to be defective must be returned to us, transportation charges prepaid, and if upon examination we deem same to come under the terms of this guarantee we will repair or replace with like merchandise free of cost. Should repairs be necessary, due to improper installation, usage or other cause for which we are not responsible, a nominal charge for such proportion of repairs will be made. We, in all cases, to be the sole judge as to whether merchandise was defective at time of shipment.

RECTIFYING TUBES—These are guaranteed direct by their respective manufacturers for 1,000 operating hours. All requests for adjustment or replacement must be taken up direct with the manufacturer thereof or his nearest authorized dealer.

KUPROX RECTIFYING UNITS—While if properly used and operated these possess an almost indefinite life, our guarantee is limited to 1,000 hours actual use—the same as is given on all radio tubes, etc.

"B" ELIMINATOR CONDENSERS—While we use only the best and highest priced condensers available in Model "B" Transifiers, the manufacturers thereof give no guarantee whatever regarding life. We warrant the same, however, to be in perfect operating condition at time of initial installation. No other guarantee expressed or implied is made regarding this part.

MEOSTATS, SWITCHES, CONTACTS and other parts, which are subject to natural wear or deterioration in use are guaranteed only against defective workmanship and material existing at time of manufacture.

In the event this device does not give perfect satisfaction or the service expected of it, please communicate with our nearest Service Station or write us direct.

THE KODEL RADIO CORPORATION

7 East Pearl Street

Cincinnati, Ohio

Room 607—150 Nassau Street,
New York City, N. Y.

2nd Floor—40 N. Seventh Street
Philadelphia, Pa.

Room 405—225 No. Michigan Ave.,
Chicago, Illinois

HORIZONTAL SERVICE STATIONS IN NEARLY ALL IMPORTANT CITIES. WRITE FOR COMPLETE LIST.