



**AM-FM-TELEVISION  
BROADCAST  
EQUIPMENT**

# BROADCAST EQUIPMENT CATALOG

**AM, FM AND TELEVISION  
1950**

Price . . . Two Dollars



BROADCAST EQUIPMENT SECTION

**RADIO CORPORATION OF AMERICA**

Engineering Products Department

Camden, N. J.

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## FOREWORD

This Broadcast Equipment Catalog is intended to serve as a buying guide to the user of this type of equipment. An attempt has been made to present a clear and concise picture covering: features, uses, description and specifications for each item of broadcast equipment.

RCA manufactures a complete line of broadcast equipment from microphone to antenna inclusive—for FM, AM and Television. This line includes not only the operating units but also such necessary accessories as monitoring and test equipment. RCA is equipped to furnish custom built studio equipment and antenna phasing equipments. RCA designs and manufactures the components for its broadcast equipment whenever necessary or desirable to insure maximum performance and reliability. Major items of such components are tubes, inductance coils, mica capacitors, crystals and transformers.

RCA is the leader in the field of broadcast equipment. This is evidenced by the fact that for seventeen years RCA equipment has outsold all other manufacturers. This record includes large and small stations—among them a large proportion of the most notable installations made during this period. RCA has been and will continue to be an active leader in FM development. RCA pioneered the development of electronic television. Twenty-five years of progress in the radio field plus vast wartime experience has given RCA an engineering background for the production of the most advanced and highest quality broadcasting apparatus.

Readers of this catalog are invited to communicate with the nearest RCA Regional Office for additional information or individual bulletins on the equipment shown herein. Separate catalogs or descriptive bulletins are available on other lines of RCA equipment such as Sound, Theatre, Aviation, Mobile Communications, Scientific Instruments.

# BROADCAST EQUIPMENT SALES POLICY

## Foreword

The present statement sets forth basic conditions under which RCA sells broadcast equipment as described in this catalog, and notes certain supplemental information. This statement does not apply to the sale of tubes or sound film recording equipment, for which separate, standard sales and lease policies are in effect.

RCA broadcast equipment is sold directly through RCA Regional representatives, who are familiar with broadcast equipment and related problems.

## Contract Procedure

All sales based on orders for transmitters, antennas and custom built or special apparatus and on orders over \$5,000 are made in accordance with the conditions of the RCA Standard Proposal Form for the sale of broadcast equipment and with any agreement stipulated thereon for individual customers.

## Prices

RCA broadcast equipment prices are net f.o.b. factory or warehouse, which is Camden, New Jersey, for most items. These prices do not include any federal, state or local taxes based upon use or measured by sale or use and unless otherwise noted do not include federal excise tax. Any such taxes in effect at the time of shipment will be billed separately or will be included in the prices when required and will be due and payable upon delivery.

RCA's prices do not include installation or installation supervision unless specifically mentioned in a written condition or proposal. Purchaser assumes responsibility for installation and operation of the equipment as well as for obtaining all necessary licenses, permits, etc.

NOTE: The service of factory trained personnel who are specialists in the supervision of the installation of broadcast equipment and in its maintenance and repair may be obtained through an order placed with the RCA Service Company, Inc. It is recommended that the advantages of this service be considered at the time of purchase of any major broadcast equipment.

In the case of orders under the Standard Proposal Form the billing prices are based on those prices effective at the date of the order to the extent indicated in the final contract. In the case of orders not under the Standard Proposal Form the billing prices are those prices in effect on the date of shipment.

RCA endeavors to keep its published prices current; however, all published prices are subject to change without notice.

## Payment

Terms of payment are subject to approval of RCA's Credit Department at Camden, New Jersey.

## Delivery

RCA's delivery of broadcast equipment will be f.o.b. factory or warehouse, which is Camden, New Jersey for most items. The Purchaser shall be responsible for all transportation charges, and shipments will normally be forwarded with shipping charges "collect". As an accommodation, when specifically requested to do so by the Purchaser's order, RCA will prepay transportation charges and invoice them to the Purchaser as a separate item.

Delivery will be made to a carrier specified by the Purchaser, unless none is specified, in which event it will be to a common carrier selected by RCA. In the absence of specific routing instructions from the purchaser, RCA's judgment with respect to the selection of a route will be final.

As a special service with respect to shipments overland, by inland waterways or by air we carry All Risk Transportation Insurance for the benefit of our Broadcast Equipment customers, and your interests will be amply protected in all shipments of equipment while in transit by the methods indicated

above, at no additional expense to you, provided that you inspect all shipments upon receipt and report any shortages or damages at once to the carrier and to RCA.

RCA will endeavor to meet delivery schedules but it assumes no liability for damages of whatever kind for delays in delivery. No delays in delivery shall relieve the purchaser of his obligation of performance.

## Patent Licenses

RCA broadcast equipment is licensed for radio telephone or television broadcast transmission under United States patents owned by RCA or under United States patents under which RCA is licensed.

## Patent Protection

RCA, at its own expense, will defend any suit which may be brought against a purchaser of broadcast equipment from RCA for infringement of United States patents by the equipment furnished when sold or used for radio telephone or television broadcast transmission, and in any such suit will satisfy any final award for such infringement. This is upon the condition that the purchaser gives RCA prompt notice of such suit and full opportunity to conduct the defense thereof. No costs or expenses shall be incurred for the account of RCA without its written consent. If the purchaser's sale or use of such equipment for radio telephone or television broadcast transmission shall be prevented by permanent injunction, RCA shall substitute for the infringing equipment other equally suitable equipment or, at RCA's option, obtain for the purchaser the right to sell or continue the use of such equipment or, at RCA's option, take back such equipment and refund any sums which the purchaser has paid RCA therefore, less a reasonable amount for use, damage and obsolescence.

## Warranty

Except for electronic tubes, which bear their own warranty which accompanies them at the time of their sale, RCA warrants its broadcast equipment to be free from defects in material and workmanship under normal use and service for a period of one year from the date of delivery. RCA's obligations under this warranty are limited to the repair or replacement of defective parts and the shipment of such repaired or replacement parts to the purchaser f.o.b. factory. Equipment furnished by RCA but listed as manufactured by another bears only the warranty given by such other manufacturer. No warranties other than those set forth herein are given or are to be implied with respect to broadcast equipment. In no event is RCA liable for consequential damages.

## Repaired and Returned Apparatus

Before an apparatus is returned to RCA for repairs or adjustments shipping instructions and an identifying number should be obtained from the nearest RCA Regional Office. RCA assumes no responsibility for unauthorized returns.

## Equipment Modifications and Withdrawals

RCA reserves the right to make, without notice, modifications of the equipment described in this catalog without affecting its right to sell such equipment under orders based on the catalog description, provided, however, that the modifications shall not materially affect performance. These modifications of equipment may be made by RCA or its suppliers from time to time for reasons such as improvement in performance, simplification in design, or availability of material. RCA also reserves the right to withdraw from sale, without notice, any equipment described in this catalog.

## Acceptance of Order

No order shall be binding upon RCA until accepted by it in writing at Camden, New Jersey, and the banking, negotiation or other use of the down payment shall not constitute an acceptance by RCA. Orders received by Regional Offices will be forwarded promptly to RCA's Camden office.

# ORDERING INFORMATION

Apparatus prices have been arranged in the order of listing in the Broadcast Equipment Catalog and are indexed to catalog pages. Please refer to the type and MI number on the page listing the apparatus and then consult this price list in accordance with the page number. Prices on custom-built equipment and other items not listed may be obtained from your nearest field representative.

It is requested that your purchase orders specify the method of transportation desired. Otherwise, RCA will use its best judgment as to the cheapest method of transportation, although this may not always result in the most rapid delivery. Certain items, such as vacuum tubes, are usually shipped by express because of design of carrying container, insurance, etc.

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NOTE: Master Item (MI) numbers used to identify apparatus on invoices and packing slips are given for each unit.

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YOU CAN LOCATE YOUR NEAREST RCA REPRESENTATIVE FROM THIS LIST OF

## FIELD OFFICES

36 West 49th Street  
NEW YORK 20, NEW YORK  
Circle 6-4030

522-533 Forsyth Building  
Forsyth and Luckie Streets, N.W.  
ATLANTA 3, GEORGIA  
Walnut 5946

1355 Market Street  
SAN FRANCISCO 3, CALIFORNIA  
Hemlock 1-8300

1907-11 McKinney Avenue  
DALLAS 1, TEXAS  
R-1371, 1372, 1373

221 West 18th Street  
KANSAS CITY 8, MISSOURI  
Victor 6410

666 North Lake Shore Drive  
CHICAGO 11, ILLINOIS  
Delaware 7-0700

718 Keith Building  
CLEVELAND 15, OHIO  
Cherry 3450

1560 North Vine Street  
HOLLYWOOD 28, CALIFORNIA  
Hollywood 9-2154

1625 K Street, N.W.  
WASHINGTON 6, D. C.  
District 1260