# transistors

*their practical application in television, radio and electronics*


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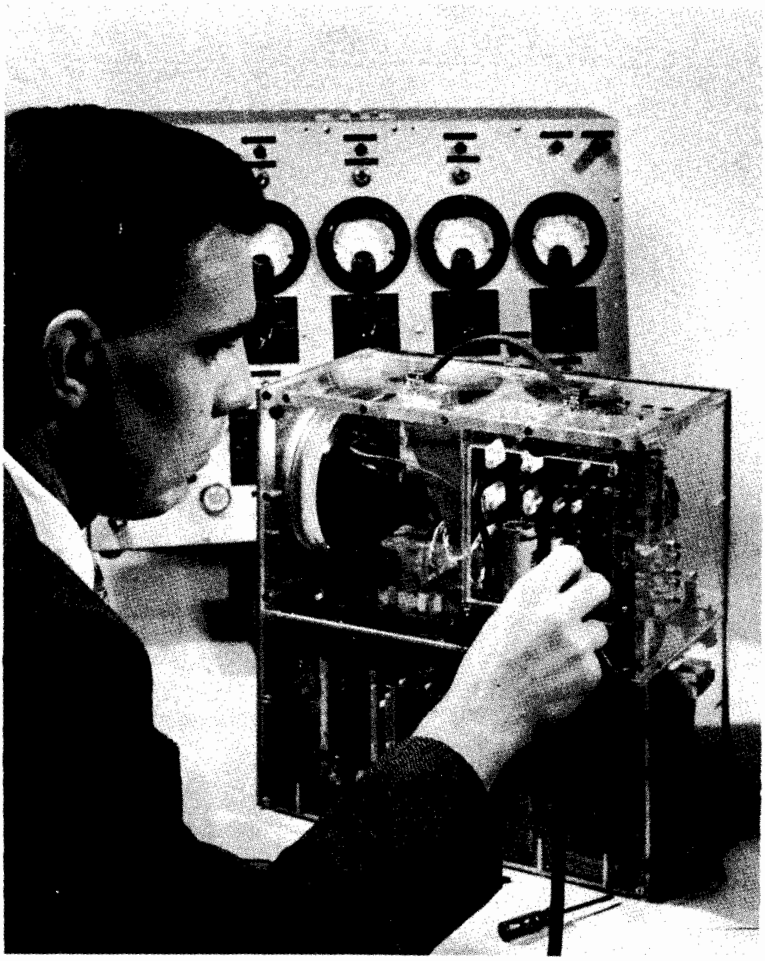

An experimental portable TV Receiver using only one tube - the Picture Tube. This receiver is representative of the type of equipment the serviceman may one day be called on to service and maintain. A knowledge of transistor operation is essential to the proper maintenance of such equipment.

Courtesy - RCA

# TRANSISTORS AND THEIR APPLICATIONS IN TELEVISION — RADIO ELECTRONICS

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# TRANSISTORS AND THEIR APPLICATIONS IN TELEVISION — RADIO ELECTRONICS

*By*

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# FOREWORD

"TRANSISTORS AND THEIR APPLICATIONS" was especially written as a guide and reference volume to provide a PRACTICAL explanation of these "wonder mites," TRANSISTORS.

The author, Mr. Louis E. Garner Jr. is well qualified to write this book. He has written many articles on the subject of TRANSISTORS that have appeared in America's leading technical magazines. He has been a Technical Consultant for many years for several large Electronics Engineering companies and has written a great deal of material for one of the largest Radio-Television schools in the country.

His earlier background includes work as an Instructor at a Coast Guard Radio Material School, as a Consulting Electrical Engineer, and, during the second World War, work in the Radar Section, Bureau of Ships, and with the Army-Navy Electronics Production Agency.

This practical field experience plus his training at George Washington University and the University of Maryland and his study of the progress in Transistors since their inception qualifies him to explain the many applications of transistors in the radio-television and electronics field.

This book is profusely illustrated with photographs and easy-to-follow schematics. A "how-to-do-it" practical approach was used throughout. Every effort has been made to slant the data toward maximum value to the practicing serviceman, technician, or anyone interested in electronic development.

It is the authors opinion that Transistors will play a most important part in the future of radio-television-electricity and all the phases of electronics. It is therefore paramount that the present day serviceman acquaint himself with — *WHAT TRANSISTORS ARE* and *WHAT THEY CAN DO*. This book will be very helpful in answering these questions.

The COYNE ELECTRICAL SCHOOL wishes to express its thanks to Mr. Garner and the many companies that have contributed material to make the publishing of this reference book possible.

B. W. Cooke, *President*
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