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 tube-base operation is essential to the proper maintenance of such equipment.

Courtesy - RCA
TRANSISTORS
AND THEIR
APPLICATIONS
IN
TELEVISION — RADIO
ELECTRONICS
TRANSISTORS AND THEIR APPLICATIONS
IN TELEVISION — RADIO ELECTRONICS

By
LOUIS E. GARVIN, Jr.

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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 Materiel 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 author's 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
Coyne Electrical School
Chicago 12, Ill.

7
<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>TITLE AND DESCRIPTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INTRODUCTION—A discussion of transistors and their effect on the Radio-TV and electronics work. Brief history of the transistor.</td>
<td>11 - 18</td>
</tr>
<tr>
<td>2</td>
<td>UNDERSTANDING TRANSISTOR ACTION—A non-mathematical explanation of how transistors work. Basic types of transistors.</td>
<td>19 - 28</td>
</tr>
<tr>
<td>3</td>
<td>TRANSITOR CHARACTERISTICS—Physical and electrical properties of transistors. Definitions of terms.</td>
<td>29 - 35</td>
</tr>
<tr>
<td>4</td>
<td>TRANSISTOR AMPLIFIER CIRCUITS—The three basic types of transistor amplifiers, grounded base, grounded emitter, and grounded collector. Gain in transistor circuits. Coupling transistor amplifier stages.</td>
<td>36 - 50</td>
</tr>
<tr>
<td>6</td>
<td>SPECIAL TRANSISTOR CIRCUITS—D.C. Amplifiers, R.F. Detectors, Clippers, Phase-Inverters, Push-Pull Circuits, Multivibrators, etc.</td>
<td>58 - 68</td>
</tr>
<tr>
<td>7</td>
<td>TRANSISTOR COMPONENTS—Sub-miniature transformers, capacitors, other components. Transistor power supplies.</td>
<td>69 - 77</td>
</tr>
<tr>
<td>8</td>
<td>THE CARE AND SERVICING OF TRANSISTORS—How to avoid damaging transistors. Servicing transistorized equipment. Testing transistors.</td>
<td>78 - 86</td>
</tr>
<tr>
<td>9</td>
<td>PRACTICAL TRANSISTOR CIRCUITS—Experimental circuits with typical parts values. Audio circuits, R.F. circuits. Experimental circuits.</td>
<td>87 - 98</td>
</tr>
<tr>
<td>10</td>
<td>APPENDIX—Reference data. Commercially available transistors and their characteristics.</td>
<td>99 - 103</td>
</tr>
</tbody>
</table>