

T H E
" R A D I O "
H A N D B O O K

SEVENTH EDITION

ISSUED ANNUALLY
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PUBLISHED AND DISTRIBUTED BY
EDITORS AND ENGINEERS
LIMITED

1300 KENWOOD ROAD, SANTA BARBARA, CALIFORNIA

FIRST PRINTING, OCTOBER, 1940

PUBLISHED ANNUALLY

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THE "RADIO" HANDBOOK

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WRITTEN BY THE EDITORS OF "RADIO"

THE "RADIO" HANDBOOK

Foreword

The Editors of RADIO have unquestionably become in recent years the outstanding group in radio not affiliated with a definite commercial interest. They are all practical radio engineers and active amateurs of many years' experience. They are the source of the reputation and prestige of RADIO, envied by publications of greater circulation.

Starting several years ago with an extensive set of "notes" compiled for their own use, the Editors of RADIO have developed the present "RADIO" HANDBOOK, which is now in its seventh edition. Each edition is thoroughly revised, not merely brought up to date. To keep up with rapid developments in commercial equipment, the great majority of items shown in the constructional pages are newly built for each edition. Though a few outstanding items were selected from other publications by the same publishers, the greater portion are built especially for this handbook. All have been tried in actual practice.

Taken all in all, no effort has been spared in an attempt to compile the most comprehensive book on the subject, both as a reference for those with wide knowledge of the field and as a practical text for those of limited knowledge and means.

In closing, we wish to thank those whose year-after-year purchases have indicated their approval of such an unusual policy. This policy has only been possible, however, with the additional cooperation of our advertisers. In similar technical fields texts such as this sell from \$5.00 upwards; whatever value this book may have for you over its purchase price is a gift to you from our advertisers. We hope that you will reciprocate by using their products when suited to the job at hand.

SANTA BARBARA, CALIFORNIA
October, 1940

THE PUBLISHERS

The Editors of RADIO in preparing this work have not only drawn upon their own knowledge and extensive experience, but also have drawn upon nearly the whole current field of radio literature, wherefore it is impossible to give due acknowledgment to all whose work has been consulted to some extent. We wish to acknowledge particularly the kind permission of the RCA Manufacturing Co., Inc., to use certain of the formulas in the theoretical pages, as well as extensive data and specifications on vacuum tubes.