

**RADIO PHONE
RECEIVING; A PRACTICAL
BOOK FOR EVERYBODY**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649094431

Radio phone receiving; a practical book for everybody by Various

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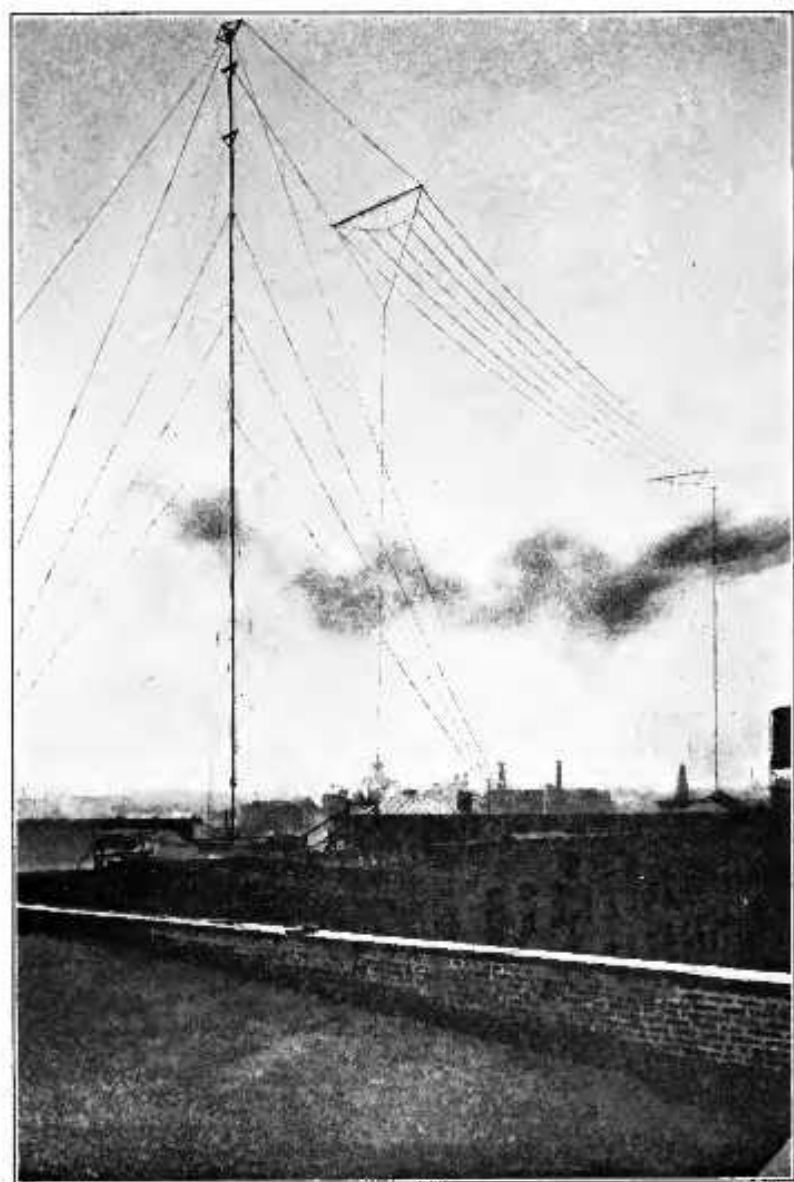
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VARIOUS

**RADIO PHONE
RECEIVING; A PRACTICAL
BOOK FOR EVERYBODY**



Antenna of the Newark Broadcasting Station.

RADIO PHONE RECEIVING

A PRACTICAL BOOK FOR EVERYBODY

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NEW YORK
D. VAN NOSTRAND COMPANY
8 WARREN STREET
1922

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PREFACE

The widespread interest in radio telephone communication, which has been aroused during the last year, has created a demand for a book which describes in a simple manner the methods and apparatus used for the reception of radio phone speech and music. The authors of this little volume, experienced both in the practice of the art of radio communication and in its exposition to students and non-technical audiences, have coöperated to meet this demand.

While many of the technical details of the subject are complex, nevertheless a satisfactory understanding of the operation of a radio transmitting and receiving system can be obtained without the use of mathematical formulas and complicated physical concepts. By analogies taken from everyday experience, by using relatively few technical terms, and by repetition of the more important ideas, the authors of the several chapters believe they have completed a logical and coördinated presentation of the subject in a style suitable alike to the layman, the novice and the amateur radio enthusiast. The reader will find distributed through the text a number of practical hints and the answers to questions which often arise in the operation of radio receiving sets. Some of these, of course, may be omitted on a first reading and be referred to later when specific difficulties are experienced.

The editor desires to express his appreciation of suggestions tending toward greater clearness of exposition which he received from his colleague, Professor E. J. Streubel. The editor also wishes to record his appreciation of the encouragement obtained from Mr. C. E. Speirs, Vice-President of D. Van Nostrand Company, whose belief in the need of a non-technical explanation of radio telephony inspired the writing of this book, and of the splendid coöperation of Mr. E. Eichel, of the same company, in preparing the manuscript for the press.

ERICH HAUSMANN

POLYTECHNIC INSTITUTE OF BROOKLYN,
April, 1922.

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