

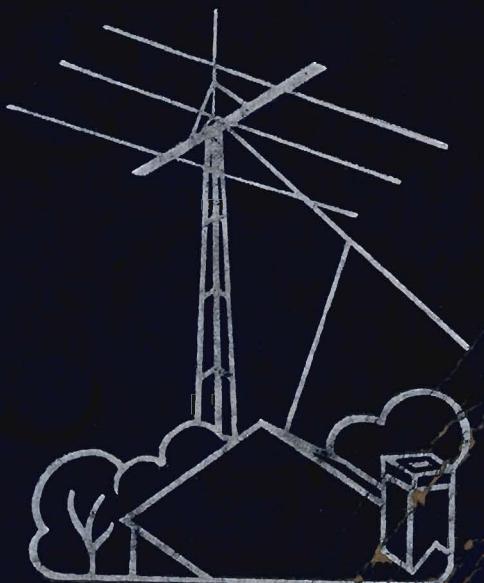
32ND EDITION , 1955

The radio amateur's handbook

THE STANDARD MANUAL OF AMATEUR
RADIO COMMUNICATION



\$3.00
U.S.A. Proper



PUBLISHED BY THE AMERICAN RADIO RELAY LEAGUE

THE RADIO AMATEUR'S HANDBOOK

*By the HEADQUARTERS STAFF
of the
AMERICAN RADIO RELAY LEAGUE
WEST HARTFORD, CONN., U.S.A.*



1955

Thirty-second Edition

CONTENTS

<i>Frontispiece</i>	2
<i>The Amateur's Code</i>	8
<i>Chapter</i>	
1—Amateur Radio.....	9
2—Electrical Laws and Circuits.....	15
3—Vacuum-Tube Principles.....	52
4—High-Frequency Communication.....	69
5—High-Frequency Receivers.....	74
6—High-Frequency Transmitters.....	126
7—Power Supplies.....	196
8—Keying and Break-In.....	220
9—Speech Amplifiers and Modulators.....	229
10—Amplitude Modulation.....	257
11—Frequency and Phase Modulation.....	276
12—Single-Sideband	282
13—Transmission Lines.....	298
14—Antennas.....	321
15—About V.H.F.....	352
16—V.H.F. Receivers.....	355
17—V.H.F. Transmitters.....	375
18—V.H.F. Antennas.....	403
19—U.H.F. and Microwave Communication.....	412
20—Mobile Equipment.....	424
21—Measurements.....	453
22—Assembling a Station.....	481
23—BCI and TVI.....	487
24—Construction Practices.....	508
25—Operating a Station.....	516
26—Miscellaneous Data.....	531
27—Vacuum Tubes and Semiconductors.....	V1

Catalog Section

Index