

STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Army
 DATE OF THIS SHEET: 8 Jan 52

AN/GRR-TYPE

SERVICE TYPE NUMBER: **BC-314**
RADIO RECEIVER



Radio Receiver BC-314 is a lightweight, portable, battery-operated, a-m radio receiving equipment used for voice, c-w, and tone signal communication in the l-f and m-f bands. It is a general purpose equipment which can be used in fixed station, mobile, or vehicular applications.

This equipment consists of a single cabinet-inclosed superheterodyne radio receiver, which is the battery-operated version of Radio Receiver BC-344, and is used as a component of such equipment as Radio Set SCR-177-B.

Uses a conventional straight wire or a vehicular whip-type antenna.

AN/GRR-TYPE		INSTRUCTION LITERATURE: TM 11-850
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: European Theater, special teams.

INSTALLATION: Ground, vehicular or fixed.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-8; AN/ART-13; AN/CRT-3, -5; AN/FRT-4, -10, -19; AN/GRT-2; AN/MRC-6, -16, -20, -22; AN/SRC-3; AN/SRT-1, -3; AN/TRQ-1; AN/URT-2, -3, -4; BC-191, -329, -365; MBS; RC-52; SCR-177, -188, -193; T-5/FRC, -159/FRT; -171/FR; TAB, TAJ; TAQ; TBL; TBN; TBU; TCB; TCE; TCG; TCS; TCY; TCZ; TDD; TDE; TDK; Marconi TH-41-B; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.15- 1.5 (over-all).

Band A: 0.15 – 0.26	Band C: 0.45 – 0.82
Band B: 0.26 – 0.45	Band D: 0.82 – 1.50.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, tone, voice.

POWER REQUIREMENTS: 12- to 14-v storage battery.

PHYSICAL CHARACTERISTICS

Radio Receiver BC-314 measures 10 x 9-1/16 x 18-1/16 inches, net weight 58 pounds, volume 1.0 cu ft. Packed for domestic shipment: total weight 120 pounds, total volume 4.7 cu ft. Shipped in 1 package.