

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

AN/GRR-TYPE

SERVICE TYPE NUMBER: BC-344
 RADIO RECEIVER



Radio Receiver BC-344 is a lightweight, portable, a-c operated, a-m radio receiving equipment used for voice, c-w, and tone signal communication in the low- and medium-frequency bands. It is a general purpose equipment which is widely used in fixed plant applications at higher headquarters and for special purposes.

This equipment consists of a single, cabinet-inclosed radio receiver which is the a-c version of battery-operated Radio Receiver BC-314. It is used as a component of such equipment as Radio Set AN/MRQ-2 and Radio Control Central AN/TRQ-1.

Can be operated with straight wire or rhombic types of antennas, doublet antenna systems, and antennas of special design as may be required.

AN/GRR-TYPE		INSTRUCTION LITERATURE: TM 11-850
BC-344	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVER		USING SERVICE : Army
		DATE OF THIS SHEET : 8 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
-------	-------------------	---------------------------	--------------

(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Corps, company level, special teams, Army Security Agency.

INSTALLATION: Ground, mobile or fixed.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-8; AN/ART-2, -13; AN/CRT-3, -5; AN/FRT-4, -10, -19;
 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/FR, -171/FR; TAB; TAJ; TAQ; TBL;
 TBN; TBU; TBW; 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: 75 w, 115 v, 50/60 cyc ac.

PHYSICAL CHARACTERISTICS

Radio Receiver BC-344 measures 10 x 9-1/16 x 18-1/16 inches, net weight 61.5 pounds, volume 1.0 cu ft. Packed for domestic shipment: total weight 120 pounds, total volume 4.7 cu ft. Shipped in 1 package.