

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

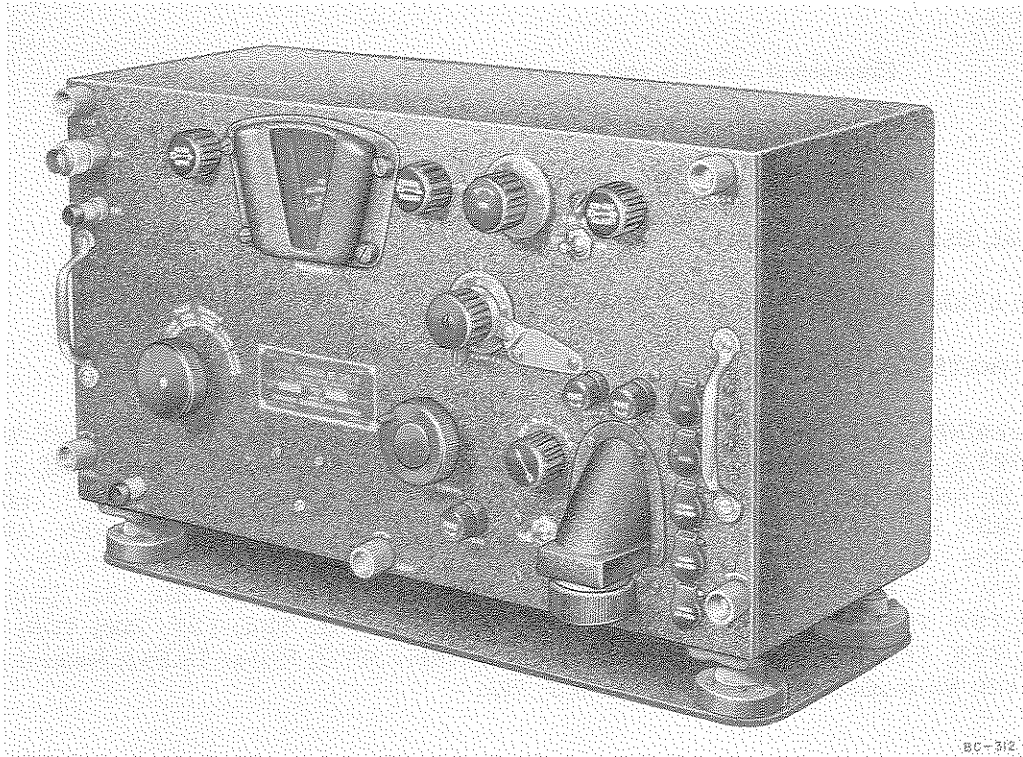
DATE OF THIS SHEET: 8 Jan 52

AN/GRR-TYPE

SERVICE TYPE NUMBER:

BC-312

RADIO RECEIVER



Radio Receiver BC-312 is an m-f and h-f, a-m (voice, tone, and cw) general utility radio receiving equipment which is widely used as part of such radio sets as AN/GRC-26 and SCR-399. It can be used in mobile, vehicular, fixed plant, or airborne radio communication applications.

This equipment consists of a single primary operating component. It can be used with a loudspeaker or headphones.

Most models operate from a 12/14-v vehicular storage battery; BC-312-HX and BC-312-NX require 24/28-v.

AN/GRR-TYPE		INSTRUCTION LITERATURE: TM 11-850
BC-312	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT:Unclassified
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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: Company level.

INSTALLATION: Ground, vehicular or fixed.

APPROXIMATE RANGE (IN MILES): Medium to long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -21, -25; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -339, -401, -447, -610; MBS; MQ; OA-60A/FRT, -60B/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 18S-4 (AF Model); Collins 32V-2; Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 1.5- 18.0 (over-all).

Band A: 1.5 – 3.0	Band D: 8.0 – 11.0
Band B: 3.0 – 5.0	Band E: 11.0 – 14.0
Band C: 5.0 – 8.0	Band F: 14.0 – 18.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, tone, voice.

POWER REQUIREMENTS: Radio Receiver BC-312 (most models): 12/14 v dc (storage battery).
Radio Receivers BC-312-HX and BC-312-NX: 24/28 v dc (storage battery).

PHYSICAL CHARACTERISTICS

Radio Receiver BC-312 measures 10 x 9-1/16 x 18-1/16 inches, net weight 58 pounds, volume 1 cu ft. Packed for domestic shipment: total weight 120 pounds, total volume 4.7 cu ft. Shipped in 1 package.