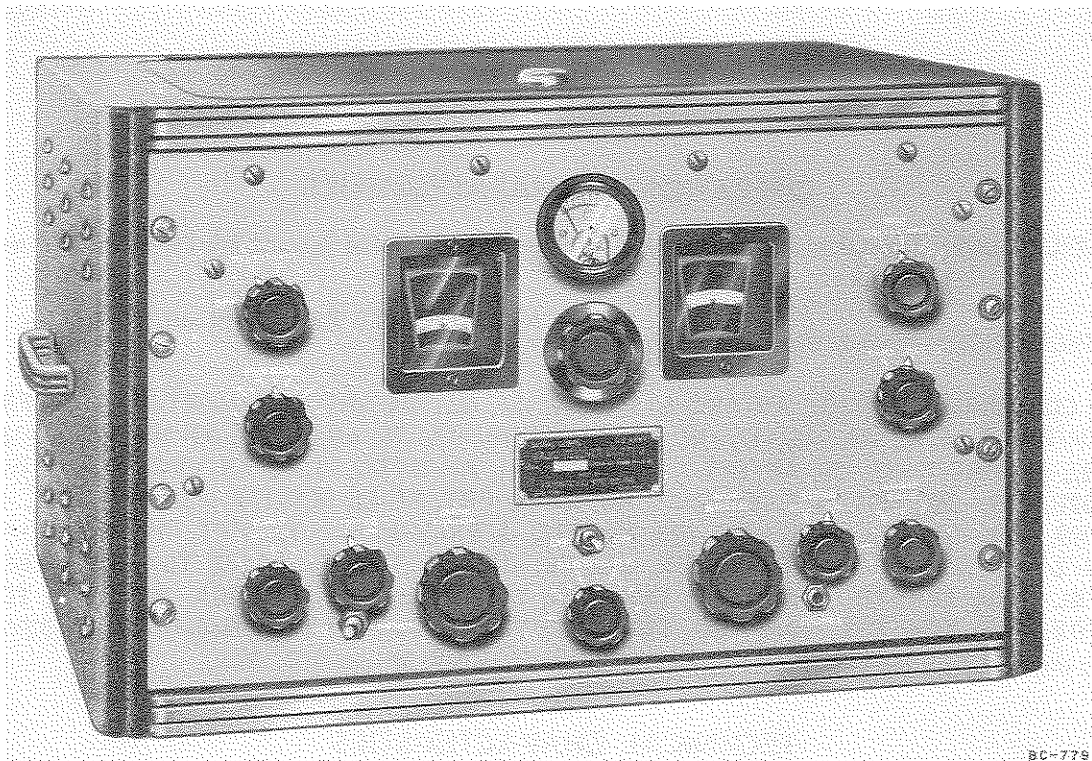


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Army, Navy
 DATE OF THIS SHEET: 8 Jan 52

AN/GRR-TYPE

SERVICE TYPE NUMBER: BC-779
 RADIO RECEIVER



Radio Receiver BC-779 is a long-range, m-f and h-f, a-m (voice, tone, and cw) equipment which operates in five frequency bands. Used at division and higher headquarters for fixed station, monitoring, and similar communication applications.

This equipment consists of a table model commercial type (Hammerlund Super-Pro) communication receiver which can be operated in its metal cabinet or mounted on a standard relay rack. Can be provided with shock mounts for use in a vehicle.

Operates on a single long wire or doublet antenna system and uses an external power supply unit. Can also be operated from storage and dry batteries.

AN/GRR-TYPE		INSTRUCTION LITERATURE: TM 11-866
BC-779	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVER		USING SERVICE: Army, Navy
		DATE OF THIS SHEET: 8 Jan 52

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: Special teams of 2d Signal Service Battalion, and 1st and 9th Detachment Fixed Stations.

INSTALLATION: Ground, fixed station or vehicular. **APPROXIMATE RANGE (IN MILES):** Long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-4, -5, -6, -10, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/GRT-2; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4, -8; BC-191, -329, -339, -365, -401, -447, -610; MBS; MQ; OA-60/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -5/FRC, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCG; TCH; TCK; TCP; TCS; TCZ; TDE; TDF; TDH; TDK; 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: From 0.1 - 0.4 and from 2.5 - 20.0, in 5 bands.

- | | |
|-------------------|----------------------|
| Band 1: 0.1 — 0.2 | Band 4: 5.0 — 10.0 |
| Band 2: 0.2 — 0.4 | Band 5: 10.0 — 20.0. |
| Band 3: 2.5 — 5.0 | |

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, tone voice.

POWER REQUIREMENTS: Power Supply Unit RA-74, -84, or -94 (a-c power) or one 6-v storage battery, five 45-v B batteries, and one 45-v C battery.

PHYSICAL CHARACTERISTICS

Radio Receiver BC-779 measures 10-1/2 x 15-3/8 x 19 inches, net weight 55 pounds, volume 1.8 cu ft. Packed for domestic shipment: total weight 57 pounds, total volume 2.6 cu ft. Packed for export shipment: total weight 90 pounds, total volume 4.3 cu ft. Shipped in 1 package both domestic and export.