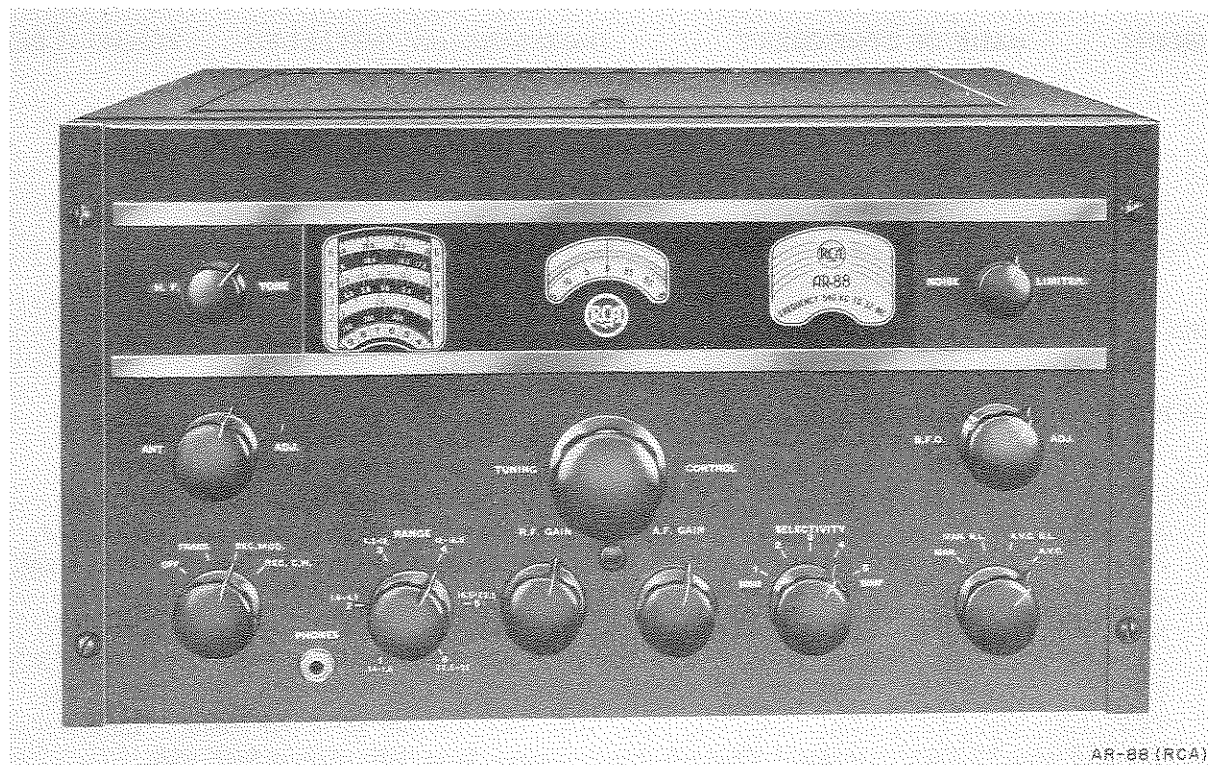


STATUS: Commercial	AN/URR-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Army	
DATE OF THIS SHEET: 7 Feb 52	
COMMERCIAL TYPE NUMBER: AR-88 (RCA)	
RADIO RECEIVER	



Radio Receiver RCA Model AR-88 is a commercial radio receiving equipment, two models of which have been procured. AR-88-D (shown above) is the cabinet-inclosed version and is used for a-m (voice, cw, and mcw) communication in the h-f range at corps and higher headquarters in point-to-point, ground-to-air, ship-to-shore, and similar applications.

AR-88-F (not illustrated here) is panel-mounted and is designed for triple diversity applications at fixed plant installations. Has been procured under official nomenclature Radio Receiver R-320/FRC, three of which are used in Radio Receiver Assembly OA-58A/FRC.

AR-88-F differs from AR-88-D by having automatic volume control, i-f gain, a diode output circuit, and provision for connection to a tone keyer rather than to a transmitter relay.

Both models operate in the same frequency range and require 100/165 or 190/260 v ac.

AN/URR-TYPE

INSTRUCTION LITERATURE: TM 11-880

CLASSIFICATION OF EQUIPMENT: Unclassified

AR-88 (RCA)

:COMMERCIAL TYPE NUMBER

USING SERVICE: Army

RADIO RECEIVER

DATE OF THIS SHEET: 7 Feb 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:** Corps, army, or higher headquarters.**INSTALLATION:** Fixed, ground.**APPROXIMATE RANGE IN MILES:** Extended.

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, -19; 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, -10; AN/VRC-1, -4; AN/VRT-1; BC-191, -339, -365, -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, -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; TBY; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCZ; TDD; 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:**

Band 1: 0.54 - 1.6	Band 4: 11.90 - 16.60
Band 2: 1.57 - 4.55	Band 5: 22.0 - 32.0.
Band 3: 4.45 - 12.15	

TYPE MODULATION: Am.**TYPE OF SIGNAL:** Voice, cw, mcw.**POWER OUTPUT:** 2.5 w (undistorted, audio).**POWER REQUIREMENTS:** 100/165 / 190/260 v, 50/60 cyc ac.**PHYSICAL CHARACTERISTICS**

Radio Receiver AR-88 (RCA) packed for domestic shipment: total weight 140 pounds, total volume 8.15 cu ft.