

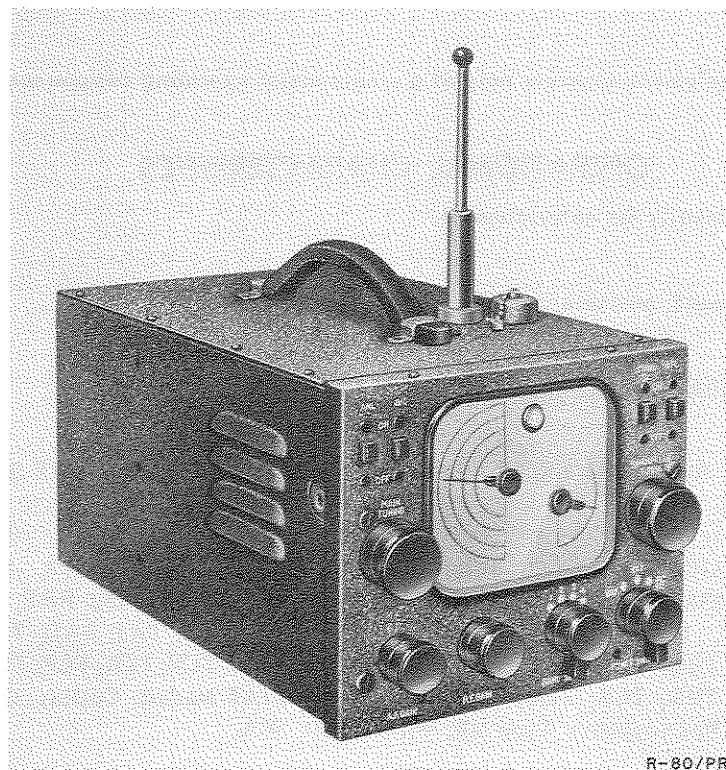
STATUS: Substitute Standard  
CLASSIFICATION OF EQUIPMENT: Unclassified  
USING SERVICE: Army  
DATE OF THIS SHEET: 22 Jan 52

**AN/PRR-TYPE**

AN/COMP TYPE NUMBER:

R-80/PR

RADIO RECEIVER



R-80/PR

Radio Receiver R-80/PR is a general purpose, hand-carried radio receiving equipment which receives a-m (voice, tone, and cw) signals in the m-f and h-f bands. It is used for communication, intercept, monitoring, and similar applications, or for morale purposes, at tactical or fixed stations.

This equipment consists of a radio receiver in a steel cabinet having a carrying handle, a telescoping antenna, and a built-in loudspeaker. It has automatic and manual volume controls, automatic noise level adjustment, a-f and r-f gain controls, stand-by and beat-frequency oscillator switches, and band-spread tuning. Has provision for use of headphones and connection to a long wire antenna and ground.

Operates from batteries or from 115 v ac or dc.

<b>AN/PRR-TYPE</b>		INSTRUCTION LITERATURE: TM 11-876
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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:** Primarily for entertainment.

**INSTALLATION:** Ground, portable or fixed station.

**APPROXIMATE RANGE (IN MILES):** Short.

**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:** 0.55 - 30.5, in 4 bands.

**TYPE MODULATION:** Am.

**TYPE OF SIGNAL:** Cw, voice, tone.

**POWER REQUIREMENTS:** 50 w, 110/117 v ac or dc  
or  
One 6-v A battery and two 45-v B batteries.

**PHYSICAL CHARACTERISTICS**

Radio Receiver R-80/PR measures 9 x 9 x 15 inches, net weight 28 pounds, volume 0.7 cu ft. Packed for domestic shipment: total weight 31.5 pounds, total volume 1.25 cu ft. Packed for export shipment: total weight 58 pounds, total volume 2.2 cu ft. Shipped in 1 package both domestic and export.