

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

USING SERVICE: Army

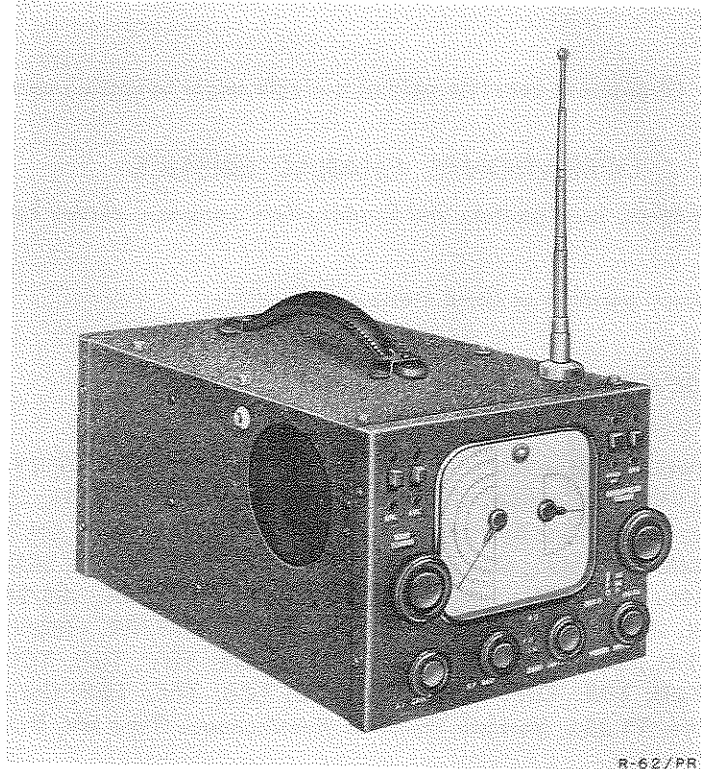
DATE OF THIS SHEET: 22 Jan 52

**AN/PRR-TYPE**

AN/COMP TYPE NUMBER:

R-62/PR

RADIO RECEIVER



R-62/PR

Radio Receiver R-62/PR is a hand-carried, a-m (voice, tone, and cw) radio receiving equipment used for intercept, monitoring, and similar applications in the m-f and h-f bands.

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 provision for connection of a headset and straight wire antenna and ground. This set has automatic or manual volume controls, automatic noise level adjustment, stand-by and beat-frequency oscillator switches, a-f and r-f gain controls, and band-spread tuning.

Operates from 115 v ac or dc or from dry batteries.

<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)

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

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Engineers, headquarters and headquarters company, survey battalion.

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 253; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE IN MEGACYCLES: 0.5- 30.5, in 4 bands.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, voice, tone,

POWER REQUIREMENTS: 40 w, 115v ac or dc  
or  
One 6-v A battery and two 45-v B batteries.

**PHYSICAL CHARACTERISTICS**

Radio Receiver R-62/PR measures 7 x 8-1/2 x 13-1/4 inches, net weight 18 pounds, volume 0.4 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.