

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

USING SERVICE: Army

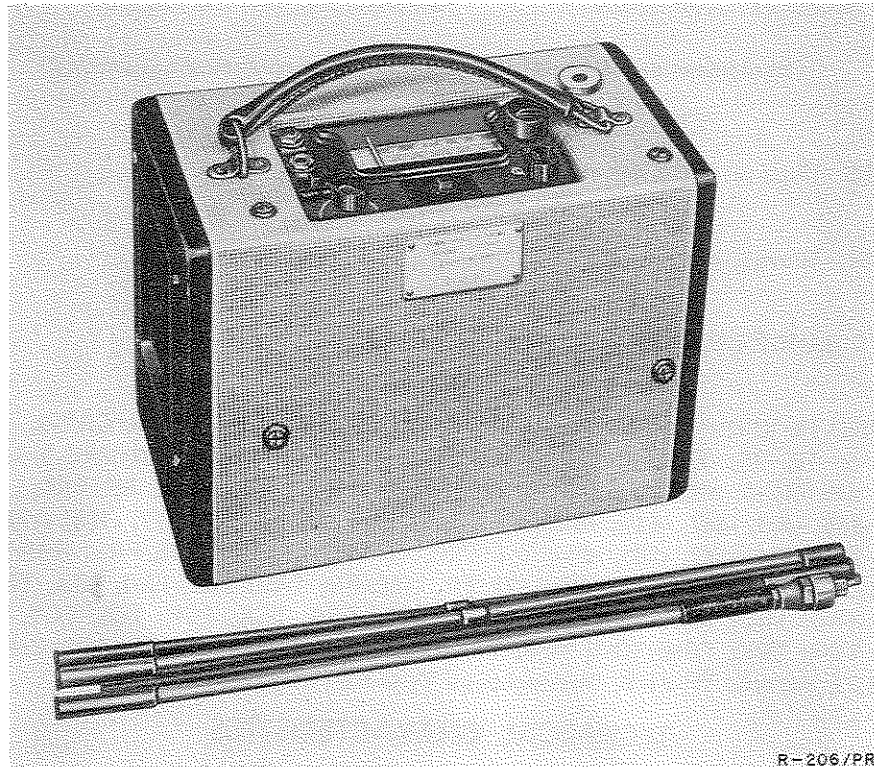
DATE OF THIS SHEET: 22 Jan 52

AN/PRR-TYPE

AN/COMP TYPE NUMBER:

R-206/PR

RADIO RECEIVER



Radio Receiver R-206/PR is a highly portable, three-band, special purpose, a-m (voice and tone) receiving equipment which is used in the low-, medium-, and high-frequency bands for checking range courses and for similar applications.

This equipment consists of a small compact radio receiver contained in a suitcase-type housing. It has a built-in speaker and an output jack for connection of a headset. It has a loop antenna used in frequency bands 1 and 2 (0.195 - 0.41 and 0.54 - 1.56 mc); the whip-type antenna is used on all three bands.

This set operates on 115 v dc or 50/60 cyc ac or from a 7-1/2-v A battery and two 45-v B batteries.

AN/PRR-TYPE		INSTRUCTION LITERATURE: TM 11-5011
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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:** Used primarily for checking range courses.**INSTALLATION:** Ground, portable.**APPROXIMATE RANGE (IN MILES):** Short and medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-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; AN/SRC-3; AN/SRT-1, -3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; 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; TCH; TCK; TCP; TCS; TCY; TCZ; TDD; TDE; TDF; TDH; TDK; 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: Band 1: 0.195 - 0.41.
 Band 2: 0.54 - 1.56.
 Band 3: 2.20 - 6.20.

TYPE MODULATION: Am.**TYPE OF SIGNAL:** Voice, tone.**POWER OUTPUT:** 50 mw on battery operation; 0.5 w on a-c or d-c operation.

POWER REQUIREMENTS: 115 v, 50/60 cyc ac or
 40 w, 115 v dc or
 1 A battery - 7-1/2 v and
 2 B batteries - 45 v.

PHYSICAL CHARACTERISTICS

Radio Receiver R-206/PR measures 8-1/2 x 6-1/2 x 12 inches, net weight 10.5 pounds, volume 0.375 cu ft. Packed for domestic shipment: total weight 21.5 pounds, total volume 2.25 cu ft. Shipped in 1 package.