

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

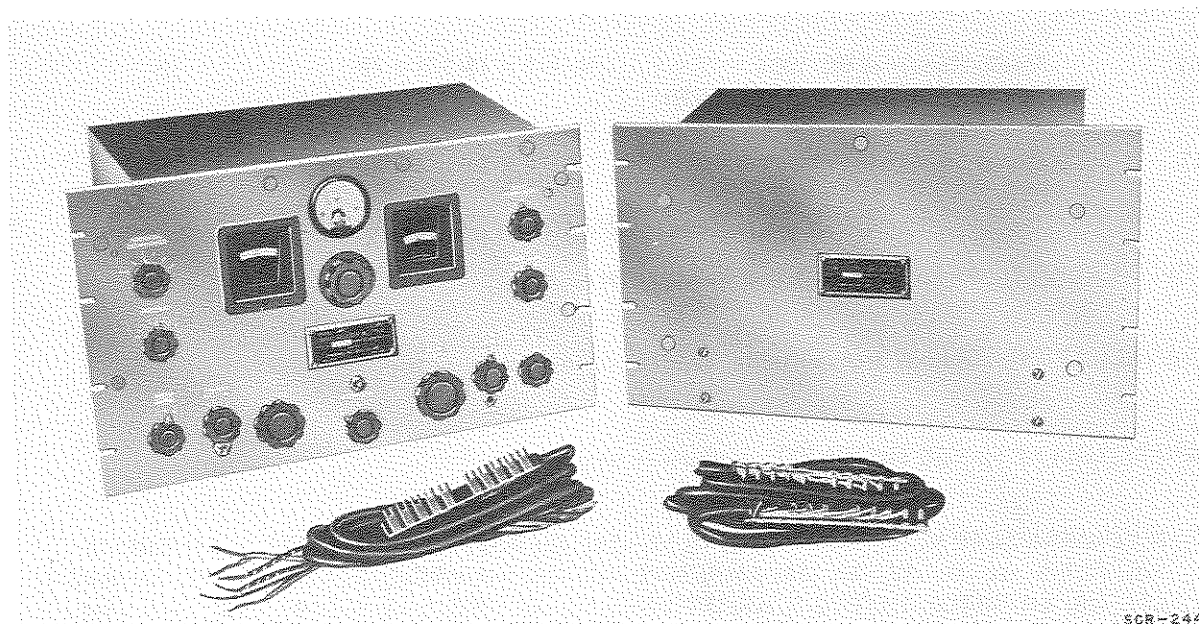
DATE OF THIS SHEET: 30 Jan 52

AN/FRR-TYPE

SERVICE TYPE NUMBER:

SCR-244

RADIO SET



Radio Set SCR-244 is a general purpose, a-m (voice and cw) receiving equipment used for communication, monitoring, or intercept purposes in the m-f and h-f bands in fixed station applications at division and higher headquarters.

This equipment consists essentially of a commercial (Hammerlund Super-Pro) communications type receiver, plus a power supply. It may be operated as table top equipment or installed on a standard relay rack. When cabinet inclosed it may be mounted on appropriate shock mounts and operated in vehicles.

Automatic and manual volume control are provided.

Some models of the receiver have a tuning meter on the front panel.

In later models (SCR-244-D, not illustrated) receiver and power supply components are installed together in a metal cabinet of the same size as the receiver cabinet of earlier models.

Antenna and accessory items are included and the equipment operates from conventional (105 to 125 v) a-c power.

AN/FRR-TYPE		INSTRUCTION LITERATURE: TM 11-866
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver BC-1004 (or Receiver, Radio R-483/FRR)	10-1/2 x 15-3/8 x 19	55
1	Power Supply Unit RA-84	10-1/2 x 10 x 19	60
1	Cabinet CH-104	12-1/4 x 16-1/2 x 23	18

OPERATIONAL CHARACTERISTICS

TACTICAL USE: At division or higher headquarters.

INSTALLATION: Ground, transportable, mobile, fixed station.

APPROXIMATE RANGE (IN MILES): Medium to long.

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; AN/VRC-1, -4; 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; 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: 0.54 - 1.16, 1.16 - 2.5, 2.5 - 5, 5-10, 10 - 20.
(SCR-244-D: 0.54 to 54.0, in 6 bands).

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, tone, cw.

POWER REQUIREMENTS: 105 - 125 v, 50/60 cyc ac.
(SCR-244-D: 95 - 260 v in 7 steps).

PHYSICAL CHARACTERISTICS

Radio Set SCR-244 weighs 55 pounds net. Packed for export shipment: total weight 90 pounds, total volume 4.3 cu ft. Shipped in 2 packages.