

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

DATE OF THIS SHEET: 3 Jan 52

**AN/GRR-TYPE**

SERVICE TYPE NUMBER:

SCR-607

RADIO SET



SCR-607

Radio Set SCR-607 is a 3-band, voice and c-w a-m and f-m, medium- and high-frequency, general purpose radio receiving equipment for fixed station or mobile use in intercept, monitoring, or communication applications.

It consists of a commercial type (Hallicrafter S-36) table model communication receiver which can also be mounted on a standard relay rack. It is designed to operate with a special dipole array (Antenna Equipment RC-154) and can be controlled at "stand-by" from a remote location by means of auxiliary equipment.

This equipment is operated from 115/230 v ac or from a 6-v vehicular storage battery plus 270 volts of B battery supply. A shock mount is provided for use when this set is installed and operated in a vehicle.

**AN/GRR-TYPE**

INSTRUCTION LITERATURE: TM 11-867

CLASSIFICATION OF EQUIPMENT: Unclassified

SCR-607

: SERVICE TYPE NUMBER

RADIO SET

USING SERVICE : Army

DATE OF THIS SHEET : 3 Jan 52

**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver BC-787	9-5/16 x 21-1/4 x 14-1/2	78
1	Mounting FT-377	4-7/8 x 21-1/4 x 14-1/2	12
1	Antenna Equipment RC-154	Not Available	200

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Army Security Agency headquarters, Army Security Agency mobile teams.

INSTALLATION: Fixed station or inobile.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2, -3; AN/FRC-6, -7, -9; AN/GRC-3, -4, -5, -6, -7, -8, -30; AN/MRC-5, -16, -22; AN/PRC-6, -8, -9, -10, -16, -17, -20; AN/TRC-1, -3, -4, -7, -8, -11, -12; AN/TRQ-1; AN/URC-4; AN/URT-7, -10; AN/VRC-1, -2, -3, -5, -7, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRT-1; BC-640; MAN; MAW; MBF; MBS; MN; RC-257; SCR-177, -293, -298, -300, -508, -509, -510, -522, -528, -542, -573, -575, -608, -609, -610, -619, -624, -628, -641, -643, -808, -828; TBS; TBY; TDG; TDQ; TDT; Collins 32V-2; Wilcox 99A.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE IN MEGACYCLES: 27.8 - 143, in 3 bands.

Band 1: 27.8 — 47.0.

Band 2: 46 — 82.

Band 3: 82 — 143.

TYPE MODULATION: Am, fm.

TYPE OF SIGNAL: Voice, cw.

POWER OUTPUT: 3 w.

POWER REQUIREMENTS: 110 w, 115/230 v, 50/60 cyc ac or A battery, 6 v at(4.5 amp) B battery, 270 v at 145 ma.

**PHYSICAL CHARACTERISTICS**

Information on Radio Set SCR-607 not available.