

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 9 Jun 52

AN/URR-10

RADIO RECEIVING SET



AN/URR-10

Radio Receiving Set AN/URR-10 is a general purpose, a-m/f-m (cw, mcw, voice) receiver for m-f, h-f and v-h-f communication applications on board ship or at shore stations.

This equipment consists essentially of a commercial (Hallicrafters SX-42) communication-type superheterodyne receiver having band-spread tuning in the 3.5-, 7.0-, 14.0- and 28.0-mc bands. It is provided with a beat-frequency oscillator, a stand-by switch, and variable selectivity circuits and operates from 105/120 v, 60 cyc ac or from batteries.

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INSTRUCTION LITERATURE: Not Available

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RADIO RECEIVING SET**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-231/URR-10	10-1/4 x 20 x 18	52
1	Speaker LS-140/U	11-3/4 x 17 x 12-1/2	26
1	Mounting MT-598/U	1-1/2 x 18-5/8 x 15-13/32	5

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-1A, -2, -3, -5, -8, -9, -18, -21, -28, -36; AN/ART-13; AN/CRC-2, -3; AN/CRT-3; AN/FRC-6, -7, -8, -9, -10; AN/FRT-5, -6, -15, -17, -18, -19; AN/GRC-3, -4, -5, -6, -7, -8, -9, -13, -26, -30; AN/MRC-2, -5, -6, -16, -20, -22; AN/PRC-6, -7, -8, -9, -10, -16, -19, -20; AN/SRT-4; AN/TRC-1, -3, -4, -7B; AN/TRQ-1; AN/URT-2, -3, -4, -10; AN/VRC-1, -2, -3, -4, -5, -7, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRT-1; BC-191, -339, -365, -401, -447, -640-D; MAN; MBF; MBS; MN; MQ-1; OA-60A/FRT, -60B/FRT; RC-52, -257-C; SCR-177, -188, -193, -274, -281, -293, -298, -300, -399, -499, -506, -508, -509, -510, -522-A, -528, -536, -542-A, -543, -573-A, -575-A, -585, -608, -609, -610, -619, -624-B, -628, -643-A, -694, -808, -828; T-4/FRC, -5/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBS; TBU; TBW; TBX; TBY; TCB; TCC; TCE; TCF; TCH; TCP; TCS; TCZ; TDD; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 18S-4 (AF Model); Collins 32V-2; Fisher TS253; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.54 - 110.0 in 6 bands.

Band 1: 0.54 - 1.62.

Band 4: 15.0 - 30.0.

Band 2: 1.62 - 5.0.

Band 5: 27.0 - 55.0.

Band 3: 5.0 - 15.0

Band 6: 55.0 - 110.

TYPE MODULATION: Am, fm.

TYPE OF SIGNAL: Cw, voice, mcw.

POWER REQUIREMENTS: 105-120 v, 50/60 cyc, 1 phase or 40 w, 270 v dc and 47 w,
6.3 v dc (from external batteries).

PHYSICAL CHARACTERISTICS

Radio Receiving Set AN/URR-10 measures 23-1/2 x 20 x 18 inches.

CONFIDENTIAL—Security Information