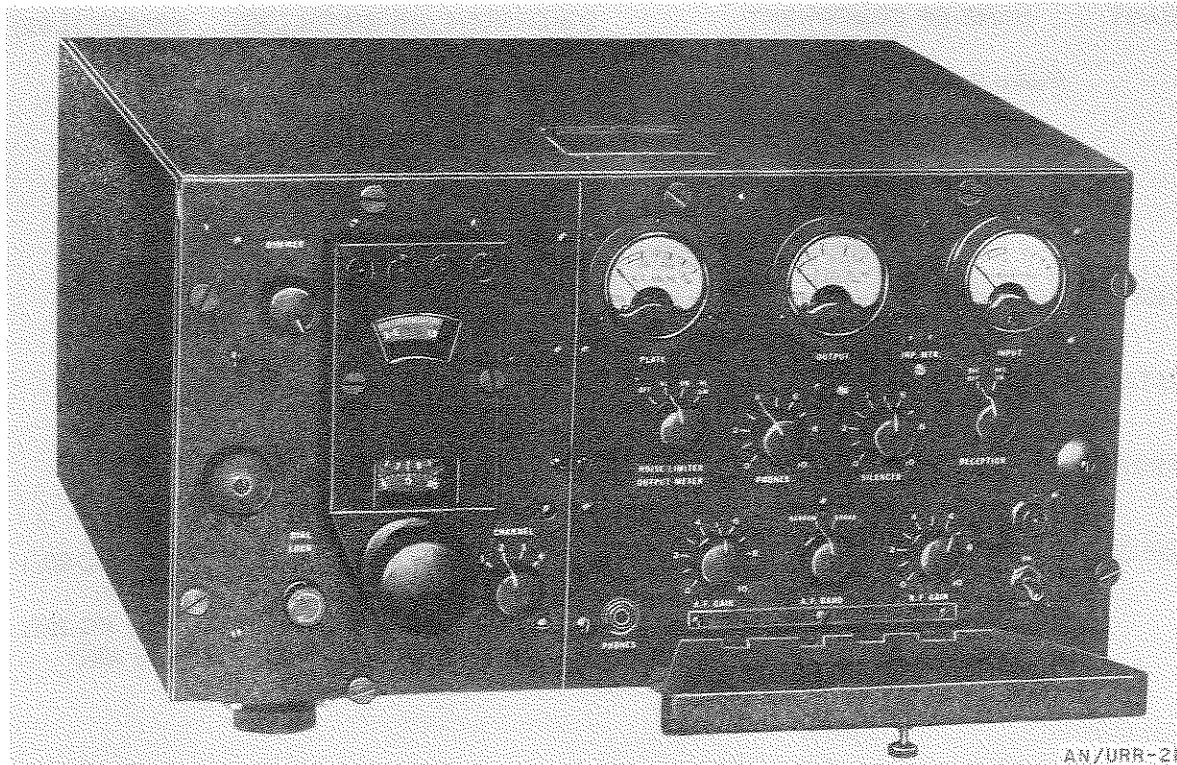


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 14 May 52

AN/URR-21

RADIO RECEIVING SET



Radio Receiving Sets AN/URR-21 and -21A are a-m (voice) v-h-f receivers used in conjunction with VHF Radio Transmitting Equipment TDQ on aircraft carriers, and at shore stations, for communicating with aircraft.

Four preset crystal-controlled channels are available, and the receivers feature a high degree of stability, freedom from cross modulation and radiation, and continuous tuning by means of a single dial.

In addition the AN/URR-21A employs a squelch circuit which operates when the input signal level drops below a predetermined value.

Both receivers are designed for use with a 50-ohm fixed antenna.

AN/URR-21	INSTRUCTION LITERATURE: NavShips 91497
	CLASSIFICATION OF EQUIPMENT: Unclassified
	USING SERVICE: Navy
RADIO RECEIVING SET	DATE OF THIS SHEET: 14 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-432/URR-21 or R-432A/URR-21	10-7/8 x 18-1/8 x 23	112

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Aircraft carriers or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2; AN/FRC-7; AN/GRC-30; AN/MRC-16, -20, -22; AN/PRC-17, -20; AN/TRC-7; AN/TRQ-1; AN/URC-4; AN/URT-7, -10; AN/YRC-1; BC-640; MAW; MBS; RC-257; SCR-522, -542, -573, -575, -624, -641, -643; TDG; TDQ; TDT; ARC Type 12; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 115 - 156.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 68 mw into a 600 ohm load.

POWER REQUIREMENTS: 106 w, 115 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Receiving Set AN/URR-21, -21A measure 10-7/8 x 18-1/8 x 23 inches.