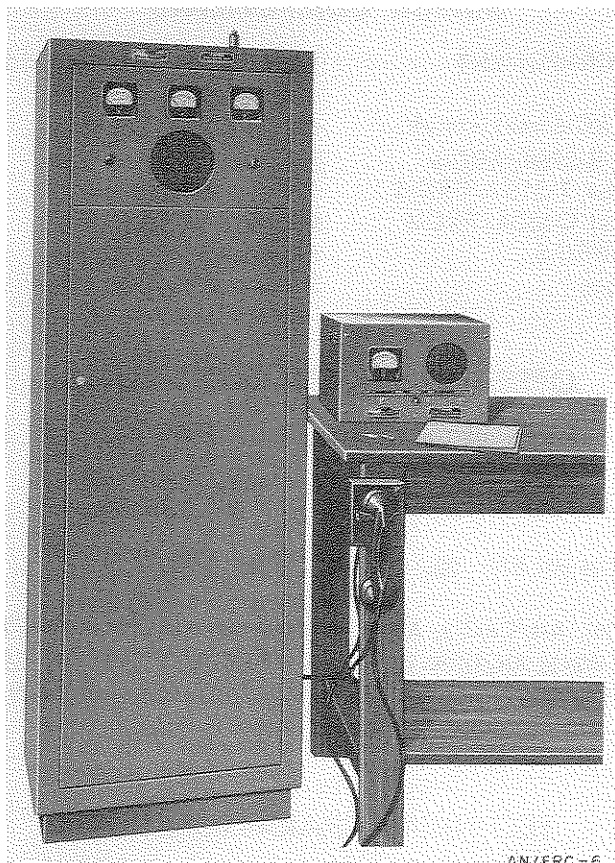


STATUS: Standard	AN/FRC-6
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Army, Navy	
DATE OF THIS SHEET: 20 Jan 52	
	RADIO SET



AN/FRC-6

Radio Set AN/FRC-6 is a two-way, crystal-controlled, f-m (voice) transmitting and receiving equipment used for communication in the h-f band by military police, security troops, and similar units.

The equipment consists of cabinet-inclosed, rack and panel-mounted equipment and includes a control console, handset, and associated accessories.

This set can be operated by remote control over a field telephone pair from a distance up to 10 miles and can communicate with fixed or vehicular stations, in open country, up to 20 miles away.

Requires approximately 325 w of 115 v ac.

AN/FRC-6

INSTRUCTION LITERATURE: TM 11-5506

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

DATE OF THIS SHEET: 20 Jan 52

RADIO SET

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Rack MT-658A/FRC-6 consists of:	68-1/8 x 22-1/2 x 15	173
	Radio Receiver R-276A/FRC-6	9 x 9 x 18-1/2	21
	Radio Transmitter T-215A/FRC-6	9 x 9 x 18-1/2	38
	Radio Set Control C-560A/FRC-6	5-1/4 x 6 x 18-1/2	8
1	Console C-559A/FRC-6	8-3/4 x 12 x 13	33
1	Handset and hanger	9 x 4-3/8 x 4-1/8	3

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Counter Intelligence Corps detachments at division, army, and theater level.

INSTALLATION: Fixed Ground.

APPROXIMATE RANGE (IN MILES): 20.

CAN COMMUNICATE WITH: AN/CRC-3; AN/FRC-6, -9; AN/GRC-7, -8; AN/MRC-5, -16; AN/PRC-9, -10; AN/SRR-13; AN/TRQ-1; AN/URR-10, -12; AN/VRC-2, -3, -10, -15, -18, -22; AN/VRQ-2, -3; AN/VRR-4; BC-787; MAN; MN; R-137/GR; RBK; SCR-300, -607, -608, -609, -610, -619, -628, -678, -808, -828.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 30 - 40.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Fm, voice.

POWER OUTPUT: 50 w.

POWER REQUIREMENTS: 325 w, 115 v, 60 cyc, 1 phase ac.

PHYSICAL CHARACTERISTICS

Radio Set AN/FRC-6 measures 68-1/8 x 22-1/2 x 15 inches, net weight 213 pounds, volume 16.354 cu ft. Packed for domestic shipment: total weight 496 pounds, total volume 40.101 cu ft, 1.10 ship tons. Shipped in 2 packages.