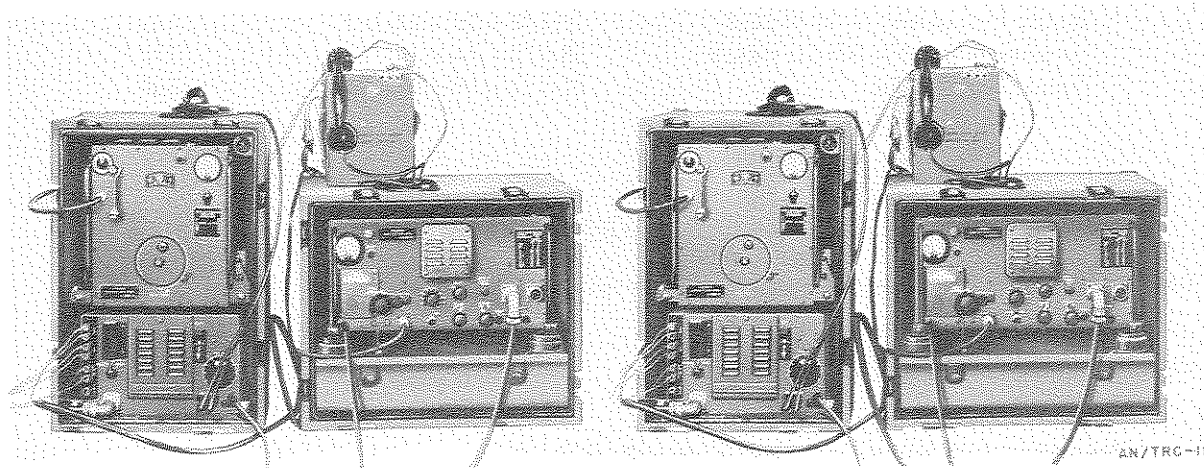


STATUS: Substitute Standard  
CLASSIFICATION OF EQUIPMENT: Unclassified  
USING SERVICE: Army  
DATE OF THIS SHEET: 9 Jan 52

**AN/TRC-11**

RADIO TERMINAL SET



Radio Terminal Set AN/TRC-11 is a transportable, f-m (voice), v-h-f, transmitting and receiving equipment used for single-channel, point-to-point communication or as the terminal of a radio relay system serving division and higher headquarters.

This equipment consists essentially of two receivers and two transmitters (one of each being a spare), antenna components, and power equipment. It is designed for continuous operation. It can be used in single-channel applications on a half-duplex basis or, with additional equipment, for full-duplex radioteletype communication as the terminal of a radio link in a wire or cable system.

It is designed primarily to operate continuously as the terminal of a radio relay system in which the opposite or remote terminal equipment consists of Radio Set AN/TRC-8, or another AN/TRC-11, and in which Radio Relay Set AN/TRC-12 is used at intermediate points of the system as may be required to extend the distance range between terminals.

It requires 115/230 v ac to operate and can be powered by its power unit component or an equivalent source.

<b>AN/TRC-11</b>	INSTRUCTION LITERATURE: TM 11-618
	CLASSIFICATION OF EQUIPMENT: Unclassified
	USING SERVICE : Army
RADIO TERMINAL SET	DATE OF THIS SHEET : 9 Jan 52

### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
2	Radio Receiver R-48/TRC-8	23 x 16 x 19	126
2	Radio Transmitter T-30/TRC-8	17-1/2 x 16 x 24-1/2	135
2	Antenna Assembly AS-52/TRC-8	33-1/2 x 14 x 24	110
2	Power Unit PE-75	26-1/2 x 19-1/2 x 36	330

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Division signal level for radio relay or field radio use.

INSTALLATION: Ground, field, transportable.

CAN COMMUNICATE WITH: AN/TRC-8, 11, -12; SCR-616.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 230 — 250.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice, teletypewriter (with additional equipment).

POWER OUTPUT: Transmitter, 5 w.

POWER REQUIREMENTS: Receiver: 120 w, 115/230 v, 50/60 cyc ac.  
 Transmitter: 350 w, 115/230 v, 50/60 cyc ac.  
 Commercial power source or Power Unit PE-75, or equal.

### PHYSICAL CHARACTERISTICS

Radio Terminal Set AN/TRC-11 packed for domestic shipment: total weight 2,300 pounds, total volume 76 cu ft, 1.9 ship tons. Shipped in 13 packages.