

**AN/TRC-145(V)  
Radio Terminal Set**

**NSN:** 5820-00-451-5523 (AN/TRC-145(V)1 and AN/TRC-145A(V)1)  
 5820-00-451-5590 (AN/TRC-145(V)2 and AN/TRC-145A(V)2)  
 5820-00-451-5618 (AN/TRC-145(V)3 and AN/TRC-145A(V)3)  
 5820-01-104-4748 (AN/TRC-14513(V)1)  
 5820-01-099-3578 (AN/TRC-145B(V)2)  
 5820-01-099-3577 (AN/TRC-145B(V)3)

**Reference:** TM 11-5895-453-14-2

**General Information**

The AN/TRC-145 is an air- or vehicular-transportable assemblage. It is normally used in division and forward area PCM communications systems for cable, radio terminal, or repeater applications. The two equipment sets of the AN/TRC-145 may be arranged for normal use as a terminal, a repeater, or a radio cable conversion facility as indicated below.

**Terminal Arrangement:**

- 2 6- or 12-channel secure or nonsecure radio terminal facilities
- 2 6- or 12-channel secure or nonsecure cable terminal facilities
- 1 24-channel secure or nonsecure cable terminal facility
- 2 Separate 12-channel groups of data or teletype over one secure or nonsecure channel of the Multiplexer TD-660 System 1 or 2 (channel 7 dedicated) (on AN/TRC-145B model only)

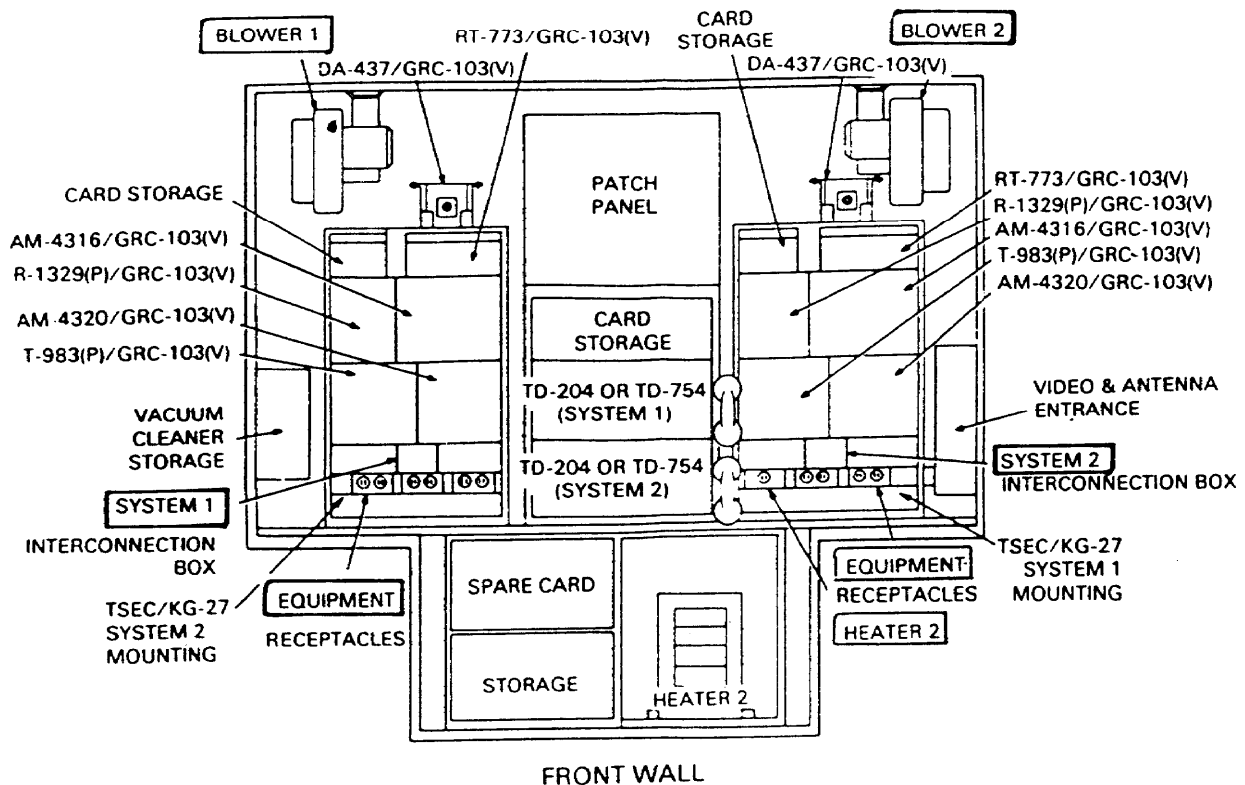
**Repeater Arrangements:**

- 1 12- or 24-channel cable repeater facility
- 1 24-channel secure or nonsecure cable repeater with 6- or 12-channel drop-and-insert facility
- 1 Radio repeater facility
- 2 12-channel radio-to-cable conversion

### Technical Characteristics

Power Requirement .....	115 V AC $\pm$ 6 V, 50 to 60 Hz
Power Consumption .....	3,000 W (approx)
Weight .....	670 kg (1,475 lb)
Vehicular Requirement .....	1 1/4-ton truck (antenna assembly transported on power unit trailer normally a PU-625/G, 3 kW)

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# AN/TRC-145(V) Radio Terminal Set (Cont.)

