



*Figure 2. Radio Set AN/FRC-6.*

*Status: Standard. Stock No.: 2S2002-6. Reference: TM 11-5506.*

Radio Set AN/FRC-6 is a complete operating f-m radio set, less primary power source, designed for fixed-station operation. It provides 2-way voice communication with similar fixed or mobile equipment over a range of not more than 20 miles of open country.

The set is operated by remote control over a pair of telephone wires up to a maximum distance of 10 miles.

The receiver is of the dual conversion superheterodyne type with two crystal oscillators.

**TECHNICAL CHARACTERISTICS**

**FREQUENCY RANGE:** 30 to 40 mc.  
**NUMBER OF CRYSTALS:** 1 in transmitter, 2 in receiver.  
**PRESET FREQUENCIES:** 1.  
**ANTENNA:** AS-412/FRC-6.  
**TYPE MODULATION:** Frequency.  
**FREQUENCY CONTROL:** Crystal.  
**POWER SOURCE:** 115-v, 60-cyc, 325-w ac.  
**POWER OUTPUT:** 50 w plus.  
**RANGE:** 20 mi.  
**NUMBER OF TUBES:** 10 in transmitter, 14 in receiver,  
and 4 in console unit.

**GENERAL APPLICATION**

**USE:** Military police fixed-station.  
**TO COMMUNICATE WITH:** Radio Sets AN/FRC-6, AN/  
VRC-2, SCR-608-A, SCR-609, SCR-610, SCR-619,  
SCR-628, SCR-808, and SCR-828.

**INSTALLATION:** Fixed station.  
**TYPE OF SIGNAL:** Voice.

**PRINCIPAL COMPONENTS**

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb)</i>
Radio Transmitter T-215- A/FRC-6 .....	9 x 9 x 18½	38
Radio Receiver R-276A/ FRC-6 .....	9 x 9 x 18½	21
Radio Set Control C-560A/ FRC-6 .....	5¼ x 6 x 18½	8
Console C-599A/FRC-6 ...	8¼ x 12 x 13	33
Rack MT-658A/FRC-6 completely assembled ...	68½ x 22½ x 15	173

**WEIGHT AND VOLUME**

<i>Name</i>	<i>Unpacked</i>	<i>Export pack</i>
Total weight (lb) .....	213	496
Total volume (cu ft) .....	16.354	40.101