



AN/FRC-9

Figure 4. Radio Set AN/FRC-9, interior view.

Status: Limited standard. *Stock No:* 2C5608.

Radio Set AN/FRC-9 (Galvin Motorola FSTR-250-BR) is a fixed-station f-m transmitting and receiving equipment for point-to-point radio communication, operating in the v-h-f range. It is designed to operate over the maximum distance in the v-h-f range, with provision for remote control over a two-way telephone line.

Radio Set AN/FRC-9 includes such features as automatic overload reset, motor-driven centrifugal blower, and a full complement of meters. All connections and terminals are fully visible, and the front and back doors contain interlock safety switches.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE: 30 to 40 mc.
NUMBER OF CRYSTALS: 1 in transmitter, 2 in receiver.
PRESET FREQUENCIES: 1.
ANTENNA: Whip coaxial or other v-h-f.
TYPE MODULATION: Frequency.
FREQUENCY CONTROL: Crystal.
POWER SOURCE: 115-v, 60-cyc, 1,160-w.
POWER OUTPUT: 250 w.
RANGE: 30 mi (approx).
TUBES: 10 in transmitter, 2 in power amplifier, 2 in power supply, 2 in control unit, 14 in receiver.

GENERAL APPLICATION

USE: Point-to-point communication.
TO COMMUNICATE WITH: F-m sets within frequency range.

INSTALLATION: Fixed.
TYPE OF SIGNAL: Voice.

PRINCIPAL COMPONENTS

<i>Name</i>	<i>Dimensions (in.)</i>	<i>Weight (lb)</i>
Cabinet containing all other components	22½ x 15 x 68	350
Transmitter FST-250		
Receiver FSR-13B-1 (PA8043).		
Remote Control P-3270Y.		
Meter Panel Unit I-FST-250.		
Antenna Change-over Relay Unit 2FST-250.		
RF-Amplifier Unit FST-250.		
Extended Local Control Unit 4FST-250.		
Power and Relay Panel Unit 8-FST-250.		
Cabinet Assembly 10-FST-250.		