

**AN/PRT-4 and AN/PRT-4A
Radio Transmitting Sets**

Status: STD-A; NSN: 5820-00-133-8980

Reference: TM 11-5820-549-12

General Information

The AN/PRT-4 is a hand-held, battery-operated, dual-channel, crystal-controlled FM transmitter designed for use within the infantry squads. When used together with Radio Receiving Set AN/PRR-9, it will provide one-way, short-range, portable, tactical communication. It can transmit audio tone or voice communication on either of two channels. The AN/PRT-4A RF signal, in addition, is modulated by a 150 Hz signal that is used to disable the squelch circuit of radio sets.

Technical Characteristics

Frequency Range-----47 to 57 MHz
 Planning Range-----Channel 1, 1.6 km (1 mi); channel 2,
 0.5 km (.3 mi)
 Crystals (Pluck-out)-----2
 Power Output-----Channel 1, 0.45 W; channel 2, 0.05 W
 Power Source-----BA-399/U
 Antenna-----AS-1999/PRT-4, 61-cm (2-ft) telescopic
 whip
 Tuning-----Two-position channel selector
 Type of Service-----30K0F3E
 Weight-----.5 kg (18 oz)

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