

## 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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