

AN/PRC-112
Multi-Transmission Transceiver

* **This radio is an over-the-counter commercial purchase obtained by the US Army.**

NSN: 5820-01-279-5450

Reference: TM 11-5820-1037-13NP

General Information

The AN/PRC-112 is a technologically advanced, multi-transmission transceiver weighing only 28 ounces and can fit in the palm of your hand. The radio acts as a transponder, supplying ranging and personnel identification information. It also performs beacon and air-to-ground voice functions. Combined with an interrogator equipped avionics system, a user location can be accurately determined in range and bearing, out to 100 nm.

Technical Characteristics

Frequency Range	121.5 MHz 225 MHz to 299.975 MHz
Available Channels	3000 in 25 kHz steps
Frequency Stability	+/-5 ppm
Modulation Modes	AM voice AM swept-tone beacon Transpond mode: BPSK/OOK
Operating Modes	Voice: any channel Swept-tone beacon: 121.5 MHz and 243 MHz DME transpond: any UHF channel
Weight	28 ounces or 0.79 kg with battery

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