

RMR-D550 Operation

The RMR-D550 is a police radar and laser detector designed to receive the frequencies of X-Band [10.550 GHz +/- 100Mhz], K-Band [24.15 GHz +/- 200 MHz], Ka-Band [33.4 GHz to 36.0 GHz] and Laser [904 +/- 125 nanometer wavelength]. The unit uses a dual conversion super-heterodyne design with the first LO located between the X and K frequencies for maximum sensitivity and a single harmonic conversion at Ka-Band. Moving the first LO well above most other RF sources reduces interference from outside sources for fewer false alarms while maintaining good frequency separation from most other RF devices.

Detection sensitivity is superior to any other model currently on the market consistently achieving over five (5) mile detection range even on the Ka-Band Stalker. The unit is housed in a high strength, impact resistant, flame retardant housing.